metabo®

PROFESSIONAL POWER TOOL SOLUTIONS

Power Tools + Accessories







Cordless Tools 13

Cordless Class 10.8 Volt	19	Cordless Band Saw	52
Cordless Class 14.4 Volt / 18 Volt	24	Cordless Circular Saw	52
Cordless Class 36 Volt	68	Cordless Sabre Saws	21, 53
Cordless Drills / Screwdrivers	19, 23	Cordless Jigsaws	54
Cordless Drill	30	Cordless Mitre Saws	55
Cordless Hammer Drills	20, 31	Cordless Table Saws	56, 70
Cordless Drywall Screwdrivers	35	Cordless Multi-Tool	57
Cordless Impact Drivers & Wrenches	20, 36	Cordless Planer	57
Cordless Hammers	38, 69	Cordless Caulking Guns	21, 58
Cordless Stirrer	41	Cordless Vacuum Cleaner	59
Cordless Tapper	41	Cordless Lamps	22, 60
Cordless Flat-head Angle Grinder	42	Cordless Power Adapters	22, 61
Cordless Angle Grinders	43, 68	Cordless Worksite Radios	62
Cordless Band File	48	Cordless Hedge Trimmers	63, 71
Cordless Fillet Weld Grinder	48	Cordless Blower	63
Cordless Burnishing Machine	49	Cordless Fan	64
Cordless Tube Belt Sander	49	Cordless Heated Jacket	64
Cordless Die Grinders	50	Cordless Combo Sets	65
Cordless Bevelling Tool	51	Battery Packs, Chargers	72
Cordless Blind Rivet Gun	51		

01



Angle Grinders, Flat-head Angle Grinders, Angle Polishers 81

Flat-head Angle Grinders	82	Wet Polisher	169
Angle Grinders Ø 100-150 mm	90	Angle Polishers	170
Angle Grinders Ø 180-230 mm	123		

02



Processing Stainless Steel 173

Inox Angle Grinders	175	Burnishing Machines	185
Band Files	180	Tube Belt Sanders	192
Fillet Weld Grinders	183		

03



Further Metal Processing 197

Die Grinders	198	Metal Chop Saw	215
Bevelling Tools	211	Bench Grinders	217

04



Drilling, Screwdriving, Chiselling, Stirring 223

Drills	224	Drywall Screwdrivers	307
Magnetic Core Drills	232	Screwdrivers	309
Impact Drills	238	Cordless Impact Drivers & Wrenches	312
Rotary and Chipping Hammers SDS-plus	275	Stirrers	316
Rotary and Chipping Hammers SDS-max	286		

05



Processing of Concrete, Masonry and Plaster 319

Cutting Systems	320	Renovation Grinders	326
Wall Chasers	322	Renovation Milling Machines	330

06



Sanding, Routing, Planing 333

Random Orbital Sanders	334	Routers	365
Orbital Sanders	338	Router and Grinder Motor	365
Triangular Base-plate Sander / Multi Sander	341	Paint Remover	370
Belt Sander	342	Planers	371
Long-neck Sanders	360		

07



Sawing 373

Circular Saws	374	Sabre Saws	403
Plunge-cut Saws	376	Multi-Tools	415
Jigsaws	388		

08



Semi-stationary Woodworking 419

Mitre Saws	420	Site Saws	437
Crosscut and Table Saw	428	Band Saws	444
Pull Saws	429	Bench Thicknesser / Planer Thicknesser	450
Table Saws	432		

09



Vacuuming and Extraction 453

All-purpose Vacuum Cleaners	454	Chip and Dust Extraction Units	468

10



Other Power Tools 473

Hot Air Guns	474	Glue Gun	478
Staplers	476		

11



Measuring Technology 479

Laser Distance Meters	480	Point and Line Lasers	482

12



Compressed Air Technology 487

Compressors	488	Compressed Air Preparation	525
Air Tool Sets	499	Compressed Air Distribution	527

13



Water and Pump Technology 537

Drainage

Clear Water Submersible Pumps	540
Flat-suction Clear Water Submersible Pumps	541
Submersible Pressure Pump	543
Combi Submersible Pumps	544
Dirty Water Submersible Pumps	545
Construction and Dirty Water Pumps	546

Irrigation / Domestic Water Supply

Garden Pumps	548
Domestic Waterworks	551
Automatic Domestic Water Systems	557
Deep Well Pumps	558

14



Hedge Trimmers 569

15



Accessories for Cordless Tools

Battery Packs 72
Chargers 73
Further Accessories for Cordless Tools 76

01




Accessories for Angle Grinders & Polishers

Accessories for Flat-head Angle Grinders 87
Cutting Discs 130
Grinding Discs 140
Cup Wheels 142
Flap Discs 144
Fleece Compact Polishing Discs 147
Fleece Compact Grinding Discs 147
Flap Wheels 148
Hook and Loop Sanding Sheets 148
Semi-flexible Hook and Loop Sanding Sheets 149
Cleaning Fleeces 149
Fibre Sanding Discs 149
Steel-wire Brushes 151
Diamond Cutting Discs 153
Diamond Cup Wheels 158
Diamond Drill Bits 159
Further Accessories for Angle Grinders 160
Accessories for Angle Polishers 171

02



Accessories for Processing Stainless Steel

Accessories for Inox Angle Grinders 177
Accessories for Band Files 181
Accessories for Fillet Weld Grinders 183
Accessories for Burnishing Machines 186
Accessories for Tube Belt Sanders 194

03





Accessories for Further Metal Processing

Rotary Burrs 203
Corundum Mounted Points 207
Flap Wheels 208
Small Grinding Discs 208
Small Cutting Discs 209
Flexible Shafts 209
Additional Accessories for Die Grinders 210
Accessories for Bevelling Tools 214
Accessories for Curve Shears / Nibblers 214
Cutting Discs for Metal Chop Saws 216
Accessories for Bench Grinders 220

04






Accessories for Drilling, Screwdriving, Chiselling, Stirring

Chucks 245
Metal Drill Bits 252
Masonry Drill Bits / Concrete Drill Bits 260
Universal Drill Bits / Glass Drill Bits 263
Diamond Drill Bits 263
Wood Drill Bits 264
Hole Saws 268
Further Accessories for Drills and Impact Drills 271
Accessories for Magnetic Core Drills 235
SDS-plus Drill Bits 289
SDS-max Drill Bits 296
Dust extraction Drill Bits 298
SDS-plus Chisels 300
SDS-max Chisels 302
Concrete Core Cutters 303
Core Bits 303
Further Accessories for Rotary and Chipping Hammers 304
Accessories for Screwdrivers 310
315
Accessories for Stirrers 318

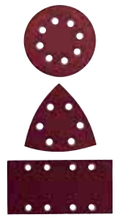
05



Accessories for Processing of Concrete, Masonry and Plaster

Accessories for Wall Chasers and Cutting Systems 324
Accessories for Renovation Grinders 331
Accessories for Renovation Milling Machines 332

06



Accessories for Sanding, Routing, Planing

Accessories for Random Orbital Sanders 344
Accessories for Sanders 351
Accessories for Multi Sanders 354
Accessories for Triangular Base-plate Sanders 355
Accessories for Belt Sanders 359
Extraction Accessories for Sanding/Grinding Machines 357
Accessories for Long-neck Sanders 362
Accessories for Routers / Router and Grinder Motor 367
Accessories for the Paint Remover 372
Planer Accessory 372

07



Accessories for Saws

Circular Saw Blades 378
Guide Rails 386
Jigsaw Blades 391
Other Accessories for Jigsaws 401
Sabre Saw Blades 406
Accessories for Multi-Tools 416

08



Accessories for Semi-stationary Woodworking

Circular Saw Blades 378
Additional Accessories for Semi-stationary Circular Saws 439
Band Saw Blades 447
Further Accessories for Band Saws 449
Accessories for Planing Machines 452

09



Accessories for Vacuuming and Extraction

Accessories for All-purpose Vacuum Cleaners 460
Accessories for Chip and Dust Extraction Units 470

10



Accessories for Other Power Tools

Accessories for Hot Air Guns 475
Accessories for Staplers 477
Accessories for Glue Guns 478

11



Accessories for Measuring Technology 485

12



Accessories for Compressed Air Systems

Accessories for Compressed Air Tools 524
Accessories for Compressors 524
Compressed Air Preparation 525
Compressed Air Distribution 527

13



Accessories for Water and Pump Technology 559

14



Accessories for Hedge Trimmers and Chain Saws 575

15



Case Systems, Bags, Occupational Safety 576



Accessory Sets 581



Accessory Modules 592

Order Number Index 597

Productivity by Metabo
Four good arguments:

With Metabo you always make a good decision. Since productivity is the sum of mobility, safety, robustness and service, it plays a central role for us - just as it does for you, your employees and the efficiency of your company. In a nutshell: With Metabo you are always on the safe side.

Unlimited mobility

No matter what job you have to do right now, free yourself from cable. With the battery pack technology from Metabo you will achieve performance levels that are in no way inferior to mains-powered tools.



Maximum safety

The less time lost due to work related illness, the higher your productivity. Our products offer utmost safety and protection for the user's health.







Comprehensive Service

From application analysis to individual product and system solutions, fast spare parts and repair service: Your workflow is our commitment.



Durable Robustness

Metabo's machines and accessories provide the best quality, maximum reliability and unparalleled service life. This permits uncompromising high performance even under harshest conditions.

Made in Germany:
Innovation is our tradition.

In every Metabo tool there is traditional German engineering ingenuity. Since 1924 we have been developing innovative ideas in our Nürtingen plant and have been implementing them into pioneering tools and perfect accessories for professional users directly on site. Our service, tailor-made to your requirements, also makes us a strong partner for the industrial sector.



Aluminium foundry



Engineering



Plastic injection moulding



Mould construction





Mechanical production



Assembly



Steel parts with hardening plant



Motor production

LiHD – The next generation.

Thanks to new LiHD technology, Metabo is the only manufacturer in the world to cover the entire power range – from 400 to 3,200 Watt – from standard tools to unique system solutions. Applications previously reserved for only the most powerful mains powered machines can now be handled cordlessly. It is the combination of many different components that offer added power, service life, and runtime.
The new LiHD battery packs are now available with 4.0 Ah, 5.5 Ah and 8.0 Ah.

Powerful

The combination of new high-performance battery cells and completely re-developed components within the LiHD battery pack ensures maximum power availability over an extremely long run time.

8.0 Ah

Maximum performance and maximum runtime

5.5 Ah

Maximum performance

4.0 Ah

Compact and strong



Leading technology.

More runtime

- More active material in the cell
- Use of hiqh quality materials (silver and copper)

More power

with new LiHD cell technology in combination with a newly developed battery pack

- Enlarged power rails and contacts capable of handling high currents
- 3x better conductivity with cell connectors made of a specialized copper alloy



Longer service life

and extreme ruggedness:

- Optimal protection against internal contamination with fully encapsulated cast design and full protective coating of electronics, as well as optimal gasket in the cover structure.
- Protection of the cells with rubber pads
- Less frequent charging due to more usable cell energy
- Exterior rubber coating on the battery pack provides a secure and non-slip grip and also serves as shock protection

100% compatibility

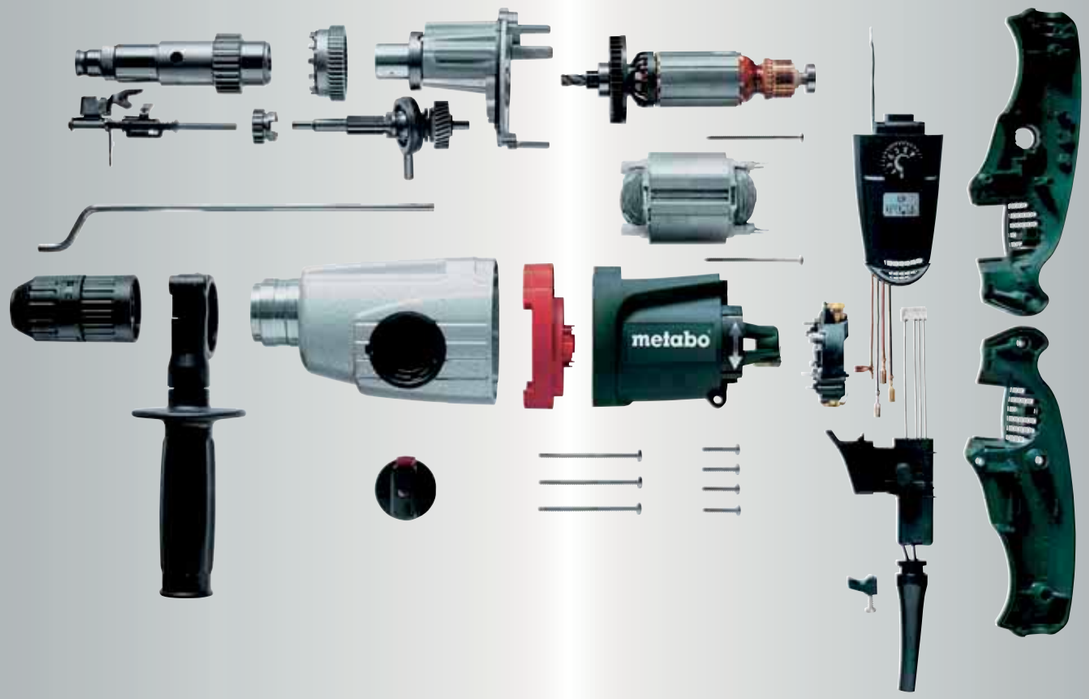
with all Metabo cordless machines, yesterday, today and in the future. In the respective volt class.

3-year battery pack warranty

on all Li-Power and LiHD battery packs without a restriction on charging cycles.

Fast, professional, economical - Metabo's repair service

Metabo tools and accessories stand for highest quality and reliability. However, should damage occur, the Metabo service will take care to provide a fast solution:
Minor downtimes with the fast and powerful Metabo repair service. Thanks to our sophisticated repair logistics, we endeavour to ensure that a machine will be repaired and leave our repair service within max. 24 hours. This means that you will be able to continue with your work as soon as possible.





3 year XXL warranty

If the worst should come to the worst, Metabo customers are on the safe side thanks to the XXL warranty. Simply register your new Metabo online within 4 weeks from the purchase date and get your warranty extended to 3 years.

8 year availability guarantee on spare parts

We also provide safety when it comes to the supply of spare parts: If a Metabo machine is replaced or phased out, we ensure availability of spare parts for 8 more years after production phase out.

Online service portal www.metabo-service.com

At any time, Metabo customers can use our Metabo online service on the Internet at www.metabo.com, where they can find all important product information, such as spare parts lists or user manuals.

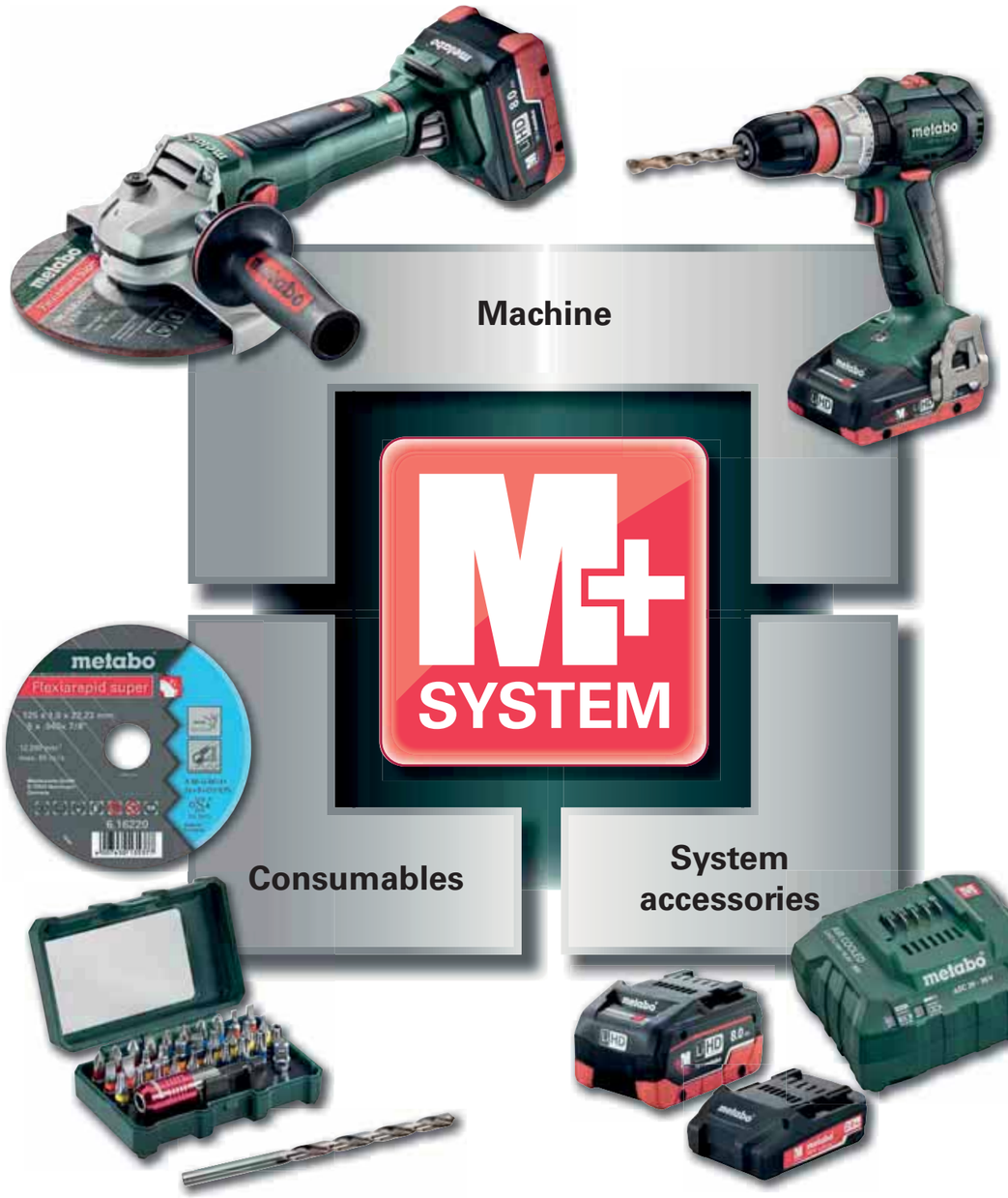


Competent product and application advice

If Metabo customers have particular queries about products or applications, our competent and experienced staff in Metabo Service are at their disposal to provide personal support for our customers individual requirements.

M+ System: Machine and accessories perfectly synchronised for maximum performance.

Even during the development phase at Metabo, machines and accessories are optimally adjusted and tested to complement one another. Your added benefit: Maximum performance for screwdriving, drilling, grinding, cutting and sawing thanks to Metabo + System effect.







01

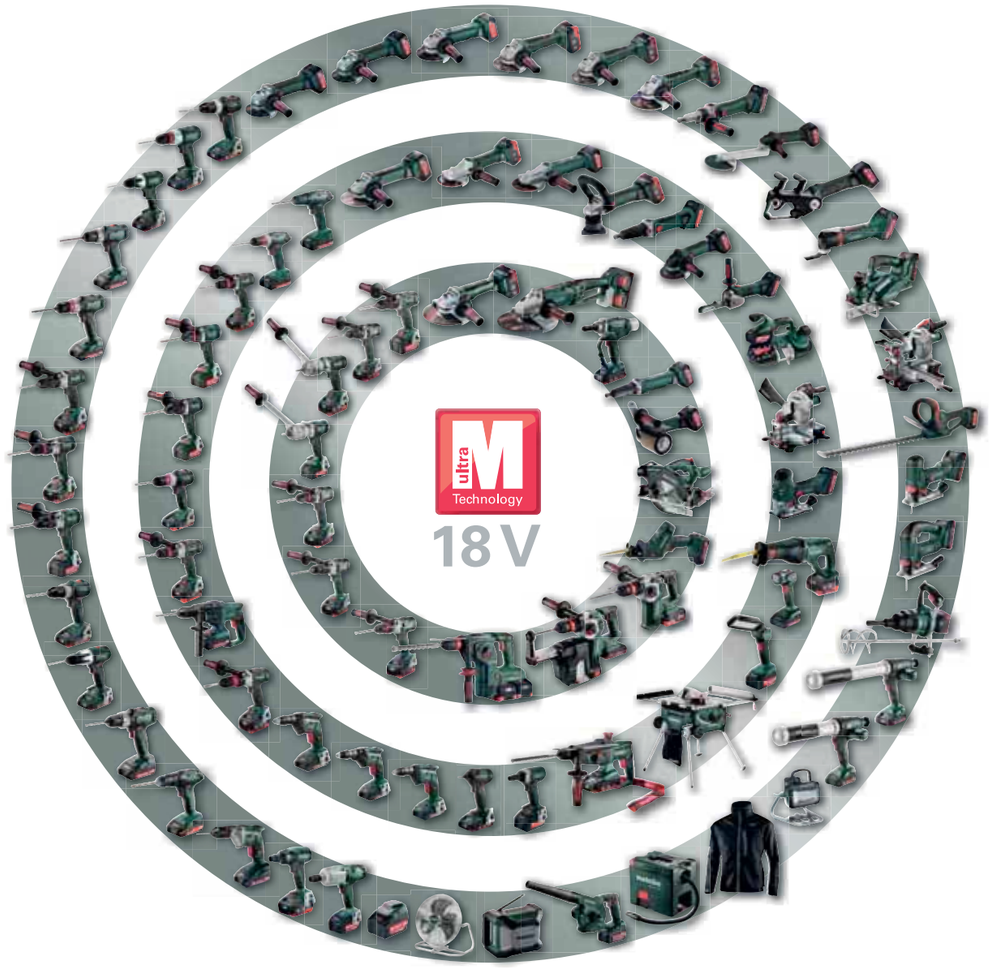






Cordless Tools

100% compatible. Naturally.





LiHD: Cut the cord – keep the power

A milestone in battery pack technology.

The combination of **new high-performance battery cells** and **completely re-developed components** within the new LiHD battery pack ensures maximum power availability over an extremely long run time.

- **More power** - permits completely new applications with cordless tools
- **Longer runtime** - for even more endurance
- **Longer service life and extreme robustness** - makes your investment even safer
- **Makes applications possible under most demanding conditions,** which had previously only been possible using powerful mains-powered machines
- **New definition of independence:** a milestone along the path towards a cordless construction site



NEW

LiHD 8.0 Ah
LiHD 5.5 Ah
LiHD 4.0 Ah

Increased performance thanks to perfect interfaces: the Metabo Ultra-M technology

The Metabo Ultra-M Technology stands for perfect communication at the interface of machine, battery pack and charger. Your benefits: efficient and gentle charging, optimum energy utilisation and extremely long service life.

- Intelligent battery management - for maximum performance and service life
- Permanent Electronic Single Cell Protection (ESCP) when charging, for extremely long service life.
- Patented »AIR COOLED« charging technology for faster charging and longer service life
- Investment in a sustainable battery pack system

Simply a clever combination

Select only what you need and save money!

Information on pick+mix can be found at metabo.com

100% compatibility



with all Metabo cordless tools, yesterday, today and in the future. In the respective volt class.

3-year battery pack warranty



on all Li-Power and LiHD battery packs without a restriction on charging cycles.

The right cordless tool for every application.

Metabo offers you a product range of cordless drill/drivers and cordless hammer drills that are ideally adapted to every application, from the smallest to the largest drill diameter or from the smallest to the largest screw, and no matter for which material: At Metabo you will always find the optimum tool for your application.

Which cordless drills/screwdrivers and hammer drills for which drilling application?








Cordless Drill/ Screwdriver and Cordless Hammer Drill	Power Maxx BS Power Maxx BS Quick Power Maxx SB BS 18 BS 18 Quick SB 18	BS 18 L BS 18 L Quick SB 18 L	BS 18 LT BS 18 LT Quick SB 18 LT BS 18 LT BL BS 18 LT BL Q SB 18 LT BL	BS 18 LTX Quick SB 18 LTX Quick BS 18 LTX Impuls SB 18 LTX Impuls	BS 18 LTX BL Q I SB 18 LTX BL Q I BS 18 LTX BL I SB 18 LTX BL I BS 18 LTX-3 BL Q I SB 18 LTX-3 BL Q I BS 18 LTX-3 BL I SB 18 LTX-3 BL I	SBE 18 LTX
Wood-Ø in mm						
Twist drill						
to Ø 10	■	■	■	■	■	■
Ø 10	▒	■	■	■	■	■
Ø 20		▒	■	■	■	▒
Ø 30			▒	■	■	
Auger Bits						
to Ø 10	■	■	■	■	■	■
Ø 10	▒	■	■	■	■	■
Ø 20		▒	■	■	■	▒
Ø 30			■	■	■	
Ø 40				■	■	
Ø 50				▒	▒	
Fostner drill bit/multi-spur machine bit						
to Ø 10	■	■	■	■	■	■
Ø 10	■	■	■	■	■	■
Ø 20	■	■	■	■	■	■
Ø 30	■	■	■	■	■	■
Ø 40	■	■	■	■	■	■
Ø 50	▒	▒	■	■	■	■
Ø 68			■	■	■	▒
Ø 80			■	■	■	
Ø 90			▒	■	■	
Ø 105				■	■	
Ø 130				▒	▒	
Hole Saws						
to Ø 10	■	■	■	■	■	■
Ø 10	■	■	■	■	■	■
Ø 20	■	■	■	■	■	■
Ø 30	■	■	■	■	■	■
Ø 40	■	■	■	■	■	■
Ø 50	■	■	■	■	■	■
Ø 68	▒	■	■	■	■	■
Ø 80		▒	■	■	■	■
Ø 90			■	■	■	■
Ø 105			■	■	■	■
Ø 130			■	■	■	■
Ø 140			▒	■	■	■
Ø 210				▒	▒	▒
Metal-Ø in mm						
Ø 5	■	■	■	■	■	■
Ø 10	▒	▒	■	■	■	■
Ø 13			▒	■	■	■
Masonry Ø* in mm						
Ø 5		■	■	■	■	■
Ø 10		▒	■	■	■	■
Ø 13			▒	■	■	■
Ø 16				■	■	■
Ø 20				▒	▒	▒

* only with cordless hammer drills (SB)

Cordless Drill/Screwdrivers / Cordless Hammer Drills

Which cordless drills/screwdrivers and hammer drills for which drilling application?







Cordless Drill/ Screwdriver and Cordless Hammer Drill		Power Maxx BS Power Maxx BS Quick Power Maxx SB BS 18 BS 18 Quick SB 18	BS 18 L BS 18 L Quick SB 18 L	BS 18 LT BS 18 LT Quick SB 18 LT BS 18 LT BL BS 18 LT BL Q SB 18 LT BL	BS 18 LTX Quick SB 18 LTX Quick BS 18 LTX Impuls SB 18 LTX Impuls		BS 18 LTX BL Q I SB 18 LTX BL Q I BS 18 LTX BL I SB 18 LTX BL I BS 18 LTX-3 BL Q I SB 18 LTX-3 BL Q I BS 18 LTX-3 BL I SB 18 LTX-3 BL I	
Full-threaded screws					 + PowerX3		 + PowerX3	
mm	Length in mm							
Ø 3	to 35	■	■	■		■		■
Ø 3.5	to 40	■	■	■		■		■
Ø 4.5	to 60	■	■	■		■		■
Ø 5	60	■	■	■		■		■
	60	■	■	■		■		■
	80	■	■	■		■		■
	100	■	■	■		■		■
Ø 6	100	■	■	■		■		■
	120	■	■	■		■		■
	140	■	■	■		■		■
	160	■	■	■		■		■
	180	■	■	■		■		■
	200	■	■	■		■		■
	240	■	■	■		■		■
	280	▒	■	■		■		■
	300		■	■		■		■
Ø 8	100		■	■		■		■
	120		■	■		■		■
	140		■	■		■		■
	180		▒	■		■		■
	200			■		■		■
	220			■		■		■
	240			■		■		■
	260			■		■		■
	280			▒		■		■
	300					■		■
	350					■		■
	400					■		■
	450					■		■
	500					■		■
	550					■		■
	600					■		■
Ø 10	140					■		■
	180					■		■
	200					■		■
	220					■		■
	240					■		■
	260					■		■
	280					■		■
	300					■		■
	350					■		■
	400					■		■
	450					■		■
	500					■		■
	550					■		■
	600					■		■
Ø 12	200					■		■
	220				■	■	■	■
	240				■	■	■	■
	260				■	■	■	■
	280				■	■	■	■
	300				■	■	■	■
	350				■	■	■	■
	400				■	■	■	■
	450				■	■	■	▒
	500				■	■	■	
	550				■	■	■	
	600				■	■	■	
Ø 13	400				■	■	■	
	500				■	■	■	
	600				■	■	■	
	700				■	■	■	
	800				■	■	■	
	1000				▒	▒	▒	

■ optimum application

▒ possible application

Intermediate sizes of drill bits or screws are not listed.

The Metabo Quick system: Versatile and convenient.

QUICK

Quick and efficient working
Quick change of bit retainer and accessory for flexible working

Increase in efficiency with competence accessories
Thanks to the magnetised female hexagon socket, hex bits or screwdriver bits can be inserted directly into the machine spindle. This assists drilling and screwdriving use in confined spaces and direct torque transmission.

Screwdriver bits with 1/4" (6.35 mm) hexagonal shank


BE 75 Quick


Quick-change angle adapter »Quick«
Order no. 627242000


Quick-change bit holder »Quick«
Order no. 627241000


BS 18 LTX Quick
SB 18 LTX Quick


PowerX3 torque setting adapter
Triple increase in power
Order no. 627256000


Drill with ¼" (6.35 mm) hexagonal shank


Quick change threaded chuck
M8 - M12
Order no. 627237000


13 mm quick change geared chuck »Quick«
Order no. 627238000


BS 18 LTX BL Q I
SB 18 LTX BL Q I


BS 18 LTX-3 BL Q I
SB 18 LTX-3 BL Q I


GB 18 LTX BL Q I


Quick change threaded chuck
M4 - M6
Order no. 627235000


Futuro Plus »Quick« -
13 mm Quick-change chuck
Order no. 627240000


BS 18 LT Quick


BS 18 LT BL Q


BS 18 L Quick


Quick-change angle adapter »Quick«
Order no. 627077000


Futuro Plus »Quick« -
13 mm Quick-change chuck
Order no. 636608000


PowerMaxx BS Quick


BS 18 Quick


10 mm Quick-change chuck
Futuro Plus »Quick«
Order no. 627259000


Quick-change angle adapter »Quick«
Order no. 627261000

10.8 V





Technical data	Cordless Drill / Screwdriver PowerMaxx BS Basic	Cordless Drill / Screwdriver PowerMaxx BS Quick Pro
Type of battery pack	Li-Ion	Li-Ion
Battery pack voltage	10.8 V	10.8 V
Maximum torque - soft	17 Nm	17 Nm
Maximum torque, hard	34 Nm	34 Nm
Adjustable torque	0.5 - 5 Nm	0.5 - 5 Nm
Drill Ø steel	10 mm	10 mm
Drill-Ø soft wood	18 mm	18 mm
No-load speeds	0 - 360 / 0 - 1,400 /min	0 - 360 / 0 - 1,400 /min
Chuck capacity	1 - 10 mm	1 - 10 mm
Weight (including battery pack)	0.8 kg	0.8 kg

Scope of delivery

Order no.	600079	600080	600156	600157
Keyless chuck	■	■		
Quick-change chuck			■	■
Quick-change angle adapter				■
Belt hook	■	■	■	■
Li-Power battery pack (10.8 V/2.0 Ah)	■			■
2 Li-Power battery packs (10.8 V/2.0 Ah)		■	■	
Li-Power battery pack (10.8 V/4.0Ah)				■
Charger LC 40	■	■	■	■
Tool bag	■			
Plastic carry case		■	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- With quick-change angle adapter for drilling and fixing screws in hard to reach places
- Metabo Quick System: quick change of bit retainer and bits, for flexible working
- Light compact drill/screwdriver with extremely compact design for versatile use
- Spindle with hexagonal recess for screwdriver bits for working without chuck
- Integrated working light to illuminate the contact area
- Handy belt hook can be fixed either on the right or left side without tools
- Practical capacity display for checking the charge status

System components

Accessories → 76, 252
Battery packs → 72
Quick system → 18

10.8 V



Technical data	Cordless Hammer Drill PowerMaxx SB Basic
Type of battery pack	Li-Ion
Battery pack voltage	10.8 V
Maximum torque - soft	17 Nm
Maximum torque, hard	34 Nm
Adjustable torque	0.5 - 5 Nm
Drill-Ø masonry	10 mm
Drill Ø steel	10 mm
Drill-Ø soft wood	18 mm
No-load speed	0 - 360 / 0 - 1,400 /min
Maximum impact rate	21,000 /min
Chuck capacity	1.5 - 10 mm
Weight (including battery pack)	1.12 kg

Scope of delivery

Order no.	600385
Keyless chuck	■
Belt hook	■
2 Li-Power battery packs (10.8 V/2.0 Ah)	■
Charger LC 40	■
Plastic carry case	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Light, compact cordless hammer drill with extremely compact design for versatile use
- Hammer drill function for drilling in masonry
- Integrated working light to illuminate the contact area
- Practical capacity display for checking the charge status
- Handy belt hook, can be fixed either on the right or left side

10.8 V



Technical data	Cordless Impact Driver PowerMaxx SSD
Type of battery pack	Li-Ion
Battery pack voltage	10.8 V
Max. no-load speed	0 - 2,300 /min
Maximum impact rate	3,000 /min
Maximum torque	105 Nm
Speed/torque levels	1
Bit retainer	Hexagon recess 1/4" (6.35 mm)
Weight (including battery pack)	1 kg

Scope of delivery

Order no.	600093
2 Li-Power battery packs (10.8 V/2.0 Ah)	■
Charger LC 40	■
Plastic carry case	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Compact cordless impact wrench for tough applications
- High torque machine with low kick-back
- Integrated work light for illumination of the work area
- Robust die cast aluminium gear housing for optimum heat dissipation and long service life

10.8 V



Technical data	Cordless Sabre Saw PowerMaxx ASE
Type of battery pack	Li-Ion
Battery pack voltage	10.8 V
Strokes in idle	0 - 3,100 /min
Saw blade stroke	13 mm
Weight (including battery pack)	1.2 kg

Scope of delivery

Order no.	602264
Jigsaw blade for metal	■
Sabre saw blade for wood and metal	■
2 Li-Power battery packs (10.8 V/2.0 Ah)	■
Charger LC 40	■
Plastic carry case	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Light, extremely handy saw for one or two handed operation
- Especially suitable for working in difficult to reach places
- Variospeed (V) Electronics for working with customised stroke rates for the materials used
- Metabo Quick for changing saw blades without tools
- Extended range of application thanks to unique Quick retainer for sabre saw blades and jigsaw blades
- Depth guide can be adjusted without tools for ideal utilisation of the saw blade and diverse applications such as plunge cuts
- Integrated LED work light for optimum illumination of the cutting line
- Practical capacity display for checking the charge status
- Wide range of uses thanks to the adapted Metabo saw blade range

10.8 V



Technical data	Cordless Caulking Gun KPA 10.8	
Type of battery pack	Li-Ion	
Battery pack voltage	10.8 V	
Discharge pressure	4,413 N / 450 kg	
Holder size	600 ml	
Feed rate in idle	2 - 10 mm/s	
Suitable for	Cartridges, foil bags	
Weight (including battery pack)	2.7 kg	

Scope of delivery

Order no.	602117610	602117600
600 ml tube		■
400 ml tube	■	
Push plate for foil bag	■	■
Push plate for cartridges	■	■
Li-Power battery pack (10.8 V/4.0Ah)	■	■
Charger LC 40		■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- High discharge force for processing of all standard materials for sealing and gluing
- Infinitely variable setting of the discharge speed for precision working
- Easy change between cartridges and film bags
- No dripping thanks to automatic retraction of the gear rack
- All-metal gear for long service life

System components

Accessories → 234 | Battery packs → 72

System components

Accessories → 315 | Battery packs → 72

System components

Accessories → 391, 406 | Battery packs → 72

System components

Accessories → 78 | Battery packs → 72

10.8 V







Technical data	Cordless Torch PowerMaxx TLA LED	Cordless portable lamp PowerMaxx ULA LED	Cordless Inspection Lamp PowerMaxx SLA LED
Max. luminous flux	210 lm	160 lm	340 lm
Max. duration of illumination per battery pack charge	10.8 V / 2.0 Ah: 7.2 h 10.8 V / 4.0 Ah: 14.4 h 10.8 V / 5.2 Ah: 18.7 h	10.8 V / 2.0 Ah: 9.5 h 10.8 V / 4.0 Ah: 19 h 10.8 V / 5.2 Ah: 24.7 h	10.8 V / 2.0 Ah: 3.8 h 10.8 V / 4.0 Ah: 7.6 h 10.8 V / 5.2 Ah: 9.9 h
Weight (without battery pack)	0.13 kg	0.32 kg	0.42 kg
Scope of delivery			
Order no.	**606213**	**600367**	**600369**
without battery pack, without charger	■	■	■

Product advantages

- Powerful LED torch for uniform, bright illumination of the working area
- Compact and handy for versatile use

- Powerful LED portable lamp for uniform, bright illumination of the working area
- Lamp head can be tilted and locked in 12 positions
- Robust aluminium die-cast housing for use on construction sites
- Swivelling hook for suspending the lamp

- Powerful LED inspection lamp for uniform, bright illumination of the working area
- Lamp head can be turned and swivelled through 180° providing almost infinite positions for the lamp
- Robust aluminium die-cast housing for use on construction sites
- Swivelling hook for suspending the lamp

10.8 V



Technical data	Cordless Power Adapter PowerMaxx PA
Scope of delivery	
Order no.	**606212**
without battery pack, without charger	■

Product advantages

- Compact, multi-function adapter, can be used as desktop charger and energy source
- Fast USB connection for charging and operating of USB devices (max. charging current 2 A)
- 12 Volt connection for the Metabo heated jacket
- Practical capacity display for checking the charge status

System components

Battery packs → 72

LTX cordless drills / screwdrivers and hammer drills: The new reference in the premium class.

With our compact and lightweight LTX drill/screwdrivers and hammer drills, we offer you solutions for demanding drilling and screwdriving jobs independent from mains power. The extremely powerful LTX machines impress with highest torques even for hardest screwdriving applications. Various intelligent functions such as the selectable impulse mode for precise spot-drilling support you in your work. Our brushless LTX models are available for maximum efficiency and speed across the entire application range.

Three-level all metal gear
extends the service life of the machine by an enormous degree.

Die-cast aluminium gear housing
increases the service life of the machine. The machine is more robust and dissipates heat faster which in turn reduces potential harm to the machine.

Metabo quick system
for versatile use

Metabo »Impuls«
for the simple removal of tight-fitting or damaged screws and pilot drilling of materials such as ceramics.



High-performance impact mechanism
for best working results

Metabo motor competence
Innovative, powerful Metabo brushless motor for quick work progress and highest efficiency.

SB 18 LTX BL Q I



Intelligent brushless motors thanks to Ultra-M technology
Optimum energy utilisation by virtue of Metabo Ultra-M technology.



Precision Stop: Torque control for more precision
The torque setting 1-4 ensures that the power as well as the speed is automatically adapted, permitting precise working particularly for small screws.



Maximum performance for highest requirements
Enduring and powerful machines for even the most demanding screwdriving and drilling applications.

14.4 V
18 V





Technical data	Cordless Drill / Screwdriver BS 14.4	Cordless Drill / Screwdriver BS 18	Cordless Drill / Screwdriver BS 18 Quick
Type of battery pack	Li-Ion	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	14.4 V	18 V	18 V
Maximum torque - soft	20 Nm	24 Nm	24 Nm
Maximum torque, hard	40 Nm	48 Nm	48 Nm
Adjustable torque	0.5 - 4.5 Nm	0.5 - 4.5 Nm	0.5 - 4.5 Nm
Drill Ø steel	10 mm	10 mm	10 mm
Drill-Ø soft wood	20 mm	20 mm	20 mm
No-load speeds	0 - 400 / 0 - 1,500 /min	0 - 450 / 0 - 1,600 /min	0 - 450 / 0 - 1,600 /min
Chuck capacity	1 - 10 mm	1 - 10 mm	1 - 10 mm
Weight (including battery pack)	1.2 kg	1.3 kg	1.3 kg

Scope of delivery

Order no.	602206	602207	602217 [1]
Keyless chuck	■	■	
Quick-change chuck			■
Belt hook	■	■	■
2 Li-Power battery packs (14.4 V/2.0 Ah)	■		
2 Li-Power battery packs (18 V/2.0 Ah)		■	■
Charger SC 60 Plus	■	■	■
Plastic carry case	■	■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

- Light compact drill/screwdriver with extremely compact design for versatile use
- Integrated working light to illuminate the contact area
- Handy belt hook can be fixed either on the right or left side without tools
- Battery packs with capacity display for checking the charge status

- Metabo Quick System: quick change of bit retainer and bits, for flexible working
- Spindle with hexagonal recess for screwdriver bits for working without chuck

System components

Accessories → 76, 252 | Battery packs → 72 | Quick system → 18

18 V




Technical data	Cordless Drill / Screwdriver BS 18 L	Cordless Drill / Screwdriver BS 18 L Quick
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Maximum torque - soft	25 Nm	25 Nm
Maximum torque, hard	50 Nm	50 Nm
Adjustable torque	1.5 - 6 Nm	1.5 - 6 Nm
Drill Ø steel	10 mm	10 mm
Drill-Ø soft wood	20 mm	20 mm
No-load speeds	0 - 450 / 0 - 1800 /min	0 - 450 / 0 - 1800 /min
Chuck capacity	1.5 - 13 mm	1.5 - 13 mm
Weight (including battery pack)	1.6 kg	1.6 kg

Scope of delivery

Order no.	602321	602320 [1]
Keyless chuck	■	
Quick-change chuck		■
Belt hook and bit case	■	■
2 Li-Power battery packs (18 V/2.0 Ah)	■	■
Charger SC 60 Plus	■	■
Plastic carry case	■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

- Handy belt hook, can be fixed either on the right or left side

- Metabo Quick System: quick change of bit retainer and bits, for flexible working
- Spindle with hexagonal recess for screwdriver bits for working without chuck
- Handy belt hook and bit holder can be fixed either on the right or left side

- Powerful compact drill/screwdriver with compact design
- Integrated LED work light with night light function for optimal brightness in the work area
- Battery packs with capacity display for checking the charge status

System components

Accessories → 76, 252 | Battery packs → 72 | Quick system → 18

18 V



Technical data	Cordless Drill / Screwdriver BS 18 LT	Cordless Drill / Screwdriver BS 18 LT Quick	Cordless Drill / Screwdriver BS 18 LT BL	Cordless Drill / Screwdriver BS 18 LT BI Q
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V	18 V	18 V
Maximum torque - soft	34 Nm	34 Nm	34 Nm	34 Nm
Maximum torque, hard	60 Nm	60 Nm	60 Nm	60 Nm
Adjustable torque	0.7 - 8 Nm	0.7 - 8 Nm	0.7 - 8 Nm	0.7 - 8 Nm
Drill Ø steel	13 mm	13 mm	13 mm	13 mm
Drill-Ø soft wood	38 mm	38 mm	38 mm	38 mm
No-load speeds	0 - 450 / 0 - 1,600 /min	0 - 450 / 0 - 1,600 /min	0 - 600 / 0 - 2,100 /min	0 - 600 / 0 - 2,100 /min
Chuck capacity	1.5 - 13 mm	1.5 - 13 mm	1.5 - 13 mm	1.5 - 13 mm
Weight (including battery pack)	1.8 kg	1.9 kg	1.7 kg	1.5 kg

Scope of delivery

Order no.	602102 [1]	602104	602325 [1]	602334
Keyless chuck	■		■	
Quick-change chuck		■		■
Quick-change bit holder		■		■
Belt hook and bit case	■	■	■	■
2 LiHD battery packs (18 V/4.0 Ah)	■	■	■	■
Charger ASC 30-36 V »AIR COOLED«	■	■	■	■
Plastic carry case	■	■	■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

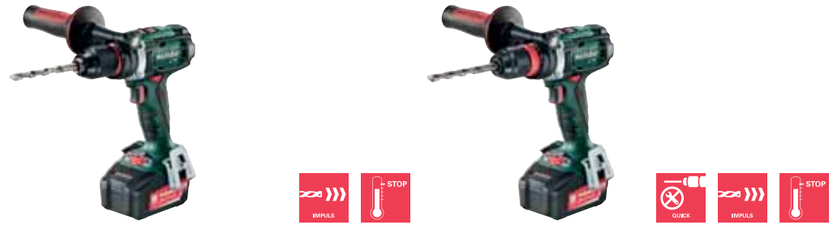
Product advantages

- Metabo Quick System: quick change of bit retainer and bits, for flexible working
- Metabo Quick System: quick change of bit retainer and bits, for flexible working
- Powerful Metabo 4-pole motor for fast drilling and screwdriving
- Brushless drill/screwdriver with compact design for universal and demanding applications
- Unique Metabo brushless motor for quick work progress and highest efficiency when drilling and screwdriving
- Integrated working light to illuminate the contact area
- Handy belt hook and bit holder can be fixed either on the right or left side
- Battery packs with capacity display for checking the charge status

System components

Accessories → 76, 252 | Battery packs → 72 | Quick system → 18

18 V



Technical data	Cordless Drill / Screwdriver BS 18 LTX Impuls	Cordless Drill / Screwdriver BS 18 LTX Quick
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Maximum torque - soft	55 Nm	55 Nm
Pulse torque	60 Nm	60 Nm
Maximum torque, hard	110 Nm	110 Nm
Adjustable torque	1.5 - 24 Nm	1.5 - 24 Nm
Drill Ø steel	13 mm	13 mm
Drill-Ø soft wood	65 mm	65 mm
No-load speeds	0 - 500 / 0 - 1,700 /min	0 - 500 / 0 - 1,700 /min
Chuck capacity	1.5 - 13 mm	1.5 - 13 mm
Weight (including battery pack)	2.3 kg	2.3 kg

Scope of delivery

Order no.	602191 [1]	602193
Futuro Plus keyless chuck with metal sleeve	■	
Quick-change chuck		■
Quick-change bit holder		■
Side handle	■	■
Belt hook and bit case	■	■
2 Li-Power battery packs (18 V/5.2 Ah)	■	■
Charger ASC 30-36 V »AIR COOLED«	■	■
Plastic carry case	■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

- Metabo Quick System: quick change of bit retainer and bits, for flexible working
- Selectable "impuls" mode for removal of stubborn screws and for spot-drilling on smooth surfaces
- Powerful Metabo 4-pole motor for fast drilling and screwdriving
- Overload protection: protects the motor from overheating
- Collar (Ø 43 mm) for versatile use
- Integrated working light to illuminate the contact area
- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Handy belt hook and bit holder can be fixed either on the right or left side
- Battery packs with capacity display for checking the charge status

System components

Accessories → 76, 252 | Battery packs → 72 | Quick system → 18

18 V







Technical data	Cordless Drill / Screwdriver BS 18 LTX BL I	Cordless Drill / Screwdriver BS 18 LTX BL Q I	Cordless Drill / Screwdriver BS 18 LTX BL Q I with PowerX3
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V	18 V
Maximum torque - soft	60 Nm	60 Nm	60 Nm
Pulse torque	65 Nm	65 Nm	65 Nm
Maximum torque, hard	120 Nm	120 Nm	120 Nm
Adjustable torque	1 - 20 Nm	1 - 20 Nm	1 - 20 Nm
Drill Ø steel	13 mm	13 mm	13 mm
Drill-Ø soft wood	65 mm	65 mm	65 mm
No-load speeds	0 - 500 / 0 - 1,850 /min	0 - 500 / 0 - 1,850 /min	0 - 500 / 0 - 1,850 /min
Chuck capacity	1.5 - 13 mm	1.5 - 13 mm	1.5 - 13 mm
Weight (including battery pack)	2.3 kg	2.5 kg	2.5 kg
Scope of delivery			
Order no.	**602350** [1]	**602351**	**602351770**
PowerX 3 torque setting adapter with long side handle			■
Futuro Plus keyless chuck with metal sleeve	■		
Quick-change chuck		■	■
Quick-change bit holder		■	■
Side handle	■	■	■
Belt hook and bit case		■	■
2 Li-Power battery packs (18 V/5.2 Ah)	■		
2 LiHD battery packs (18 V/5.5 Ah)		■	■
Charger ASC 30-36 V »AIR COOLED«	■	■	■
Plastic carry case	■	■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

		■ The torque setting adapter PowerX3 triples the power of the tool for extreme applications
	■ Metabo Quick System: quick change of bit retainer and bits, for flexible working	
■ Brushless drill/screwdriver with maximum power for demanding applications ■ Selectable "impuls" mode for removal of stubborn screws and for spot-drilling on smooth surfaces ■ Unique Metabo brushless motor for quick work progress and highest efficiency when drilling and screwdriving ■ Collar (Ø 43 mm) for versatile use ■ Integrated working light to illuminate the contact area ■ Robust die cast aluminium gear housing for optimum heat dissipation and long service life ■ Handy belt hook and bit holder can be fixed either on the right or left side ■ Battery packs with capacity display for checking the charge status		

System components

Accessories → 76, 252 | Battery packs → 72 | Quick system → 18

18 V





Technical data	Cordless 3-Speed Drill / Screwdriver BS 18 LTX-3 BL I	Cordless 3-Speed Drill / Screwdriver BS 18 LTX-3 BL Q I
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Maximum torque - soft	60 Nm	60 Nm
Pulse torque	65 Nm	65 Nm
Maximum torque, hard	120 Nm	120 Nm
Adjustable torque	1 - 20 Nm	1 - 20 Nm
Drill Ø steel	13 mm	13 mm
Drill-Ø soft wood	65 mm	65 mm
No-load speeds	0 - 500 / 0 - 2,050 / 0 - 3,800 /min	0 - 500 / 0 - 2,050 / 0 - 3,800 /min
Chuck capacity	1.5 - 13 mm	1.5 - 13 mm
Weight (including battery pack)	2.6 kg	2.6 kg
Scope of delivery		
Order no.	**602354**	**602355** [1]
Futuro Plus keyless chuck with metal sleeve	■	
Quick-change chuck		■
Quick-change bit holder		■
Side handle	■	■
Belt hook and bit case	■	■
2 LiHD battery packs (18 V/5.5 Ah)	■	■
Charger ASC 30-36 V »AIR COOLED«	■	■
Plastic carry case	■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

	■ Metabo Quick System: quick change of bit retainer and bits, for flexible working
■ Brushless 3-speed drill/screwdriver with maximum power for demanding applications ■ Third speed setting with high torque (max. 3,800/min) for extended range of application and even faster drilling progress ■ Selectable "impuls" mode for removal of stubborn screws and for spot-drilling on smooth surfaces ■ Unique Metabo brushless motor for quick work progress and highest efficiency when drilling and screwdriving ■ Collar (Ø 43 mm) for versatile use ■ Integrated working light to illuminate the contact area ■ Robust die cast aluminium gear housing for optimum heat dissipation and long service life ■ Handy belt hook and bit holder can be fixed either on the right or left side ■ Battery packs with capacity display for checking the charge status	

System components

Accessories → 76, 252 | Battery packs → 72 | Quick system → 18

18 V



STOP

Technical data	Cordless Drill BE 18 LTX 6
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Maximum torque	4 Nm
Drill Ø steel	6 mm
Drill-Ø soft wood	12 mm
No-load speeds	0 - 4,000 /min
Chuck capacity	1 - 10 mm
Weight (including battery pack)	1.2 kg

Scope of delivery

Order no.	600261
Futuro Plus keyless chuck with metal sleeve	■
Open-jawed spanner	■
MetaLoc case	■
without battery pack, without charger	■

Product advantages

- Fast and handy cordless drill with high precision for drilling into metal
- Collar (Ø 43 mm) for versatile use
- Integrated working light to illuminate the contact area
- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Overload protection: protects the motor from overheating

System components

Accessories → 252 | Battery packs → 72

18 V



BRUSHLESS MOTOR

STOP

Technical data	Cordless Hammer Drill SB 18	Cordless Hammer Drill SB 18 L	Cordless Hammer Drill SB 18 LT	Cordless Hammer Drill SB 18 LT BL
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V	18 V	18 V
Maximum torque - soft	24 Nm	25 Nm	34 Nm	34 Nm
Maximum torque, hard	48 Nm	50 Nm	60 Nm	60 Nm
Adjustable torque	0.5 - 4.5 Nm	1.5 - 6 Nm	0.7 - 8 Nm	0.7 - 8 Nm
Drill-Ø masonry	10 mm	10 mm	13 mm	13 mm
Drill Ø steel	10 mm	10 mm	13 mm	13 mm
Drill-Ø soft wood	20 mm	20 mm	38 mm	38 mm
No-load speed	0 - 450 / 0 - 1,600 /min	0 - 450 / 0 - 1800 /min	0 - 450 / 0 - 1,600 /min	0 - 600 / 0 - 2,100 /min
Maximum impact rate	24,000 /min	27,000 /min	27,200 /min	31,950 /min
Chuck capacity	1 - 10 mm	1.5 - 13 mm	1.5 - 13 mm	1.5 - 13 mm
Weight (including battery pack)	1.41 kg	1.6 kg	1.9 kg	1.8 kg

Scope of delivery

Order no.	602245	602317 [1]	602103 [1]	602316 [1]
Keyless chuck	■	■	■	■
Belt hook and bit case	■	■	■	■
2 Li-Power battery packs (18 V/2.0 Ah)	■	■		
2 LiHD battery packs (18 V/4.0 Ah)			■	■
Charger ASC 30-36 V »AIR COOLED«			■	■
Charger SC 60 Plus	■	■		
Plastic carry case	■	■	■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

- Light, compact cordless hammer drill with extremely compact design for versatile use
- Powerful, compact hammer drill with extremely compact design
- Powerful Metabo 4-pole motor for fast drilling and screwdriving
- Unique Metabo brushless motor for quick work progress and highest efficiency when drilling and screwdriving
- Hammer drill function for drilling in masonry
- High-performance impact mechanism for optimum drilling performance
- Spindle with hexagonal recess for screwdriver bits for working without chuck
- Integrated working light to illuminate the contact area
- With handy belt hook and bit case which can be fixed either on the right or left side
- Battery packs with capacity display for checking the charge status

System components

Accessories → 252 | Battery packs → 72

18 V





Technical data	Cordless Hammer Drill SB 18 LTX Impuls	Cordless Hammer Drill SB 18 LTX Quick
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Maximum torque - soft	55 Nm	55 Nm
Pulse torque	60 Nm	60 Nm
Maximum torque, hard	110 Nm	110 Nm
Adjustable torque	1.5 - 24 Nm	1.5 - 24 Nm
Drill-Ø masonry	16 mm	16 mm
Drill Ø steel	13 mm	13 mm
Drill-Ø soft wood	65 mm	65 mm
No-load speed	0 - 500 / 0 - 1,700 /min	0 - 500 / 0 - 1,700 /min
Maximum impact rate	32,300 /min	32,300 /min
Chuck capacity	1.5 - 13 mm	1.5 - 13 mm
Weight (including battery pack)	2.4 kg	2.4 kg

Scope of delivery

Order no.	602192 [1]	602200
Quick-change chuck		■
Futuro Plus keyless chuck with metal sleeve	■	
Quick-change bit holder		■
Side handle	■	■
Belt hook and bit case	■	■
2 Li-Power battery packs (18 V/5.2 Ah)	■	■
Charger ASC 30-36 V »AIR COOLED«	■	■
Plastic carry case	■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

- Selectable "impuls" mode for removal of stubborn screws and for spot-drilling on smooth surfaces
- Powerful Metabo 4-pole motor for fast drilling and screwdriving
- High-performance impact mechanism for optimum drilling performance
- Collar (Ø 43 mm) for versatile use
- Integrated working light to illuminate the contact area
- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- With handy belt hook and bit case which can be fixed either on the right or left side
- Battery packs with capacity display for checking the charge status

- Metabo Quick System: quick change of bit retainer and bits, for flexible working

System components

Accessories → 76, 252 | Battery packs → 72 | Quick system → 18

18 V









Technical data	Cordless Hammer Drill SB 18 LTX BL I	Cordless Hammer Drill SB 18 LTX BL Q I	Cordless 3-Speed Hammer Drill SB 18 LTX-3 BL I	Cordless 3-Speed Hammer Drill SB 18 LTX-3 BL Q I
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V	18 V	18 V
Maximum torque - soft	60 Nm	60 Nm	60 Nm	60 Nm
Pulse torque	65 Nm	60 Nm	65 Nm	65 Nm
Maximum torque, hard	120 Nm	120 Nm	120 Nm	120 Nm
Adjustable torque	1 - 20 Nm	1 - 20 Nm	1 - 20 Nm	1 - 20 Nm
Drill-Ø masonry	16 mm	16 mm	16 mm	16 mm
Drill Ø steel	13 mm	13 mm	13 mm	13 mm
Drill-Ø soft wood	65 mm	65 mm	65 mm	65 mm
No-load speed	0 - 500 / 0 - 1,850 /min	0 - 500 / 0 - 1,850 /min	0 - 500 / 0 - 2,050 / 0 - 3,800 /min	0 - 500 / 0 - 2,050 / 0 - 3,800 /min
Maximum impact rate	32,300 /min	32,300 /min	32,300 /min	32,300 /min
Chuck capacity	1.5 - 13 mm	1.5 - 13 mm	1.5 - 13 mm	1.5 - 13 mm
Weight (including battery pack)	2.4 kg	2.7 kg	2.8 kg	2.8 kg

Scope of delivery

Order no.	602352 [1]	602353	602356	602357 [1]
Quick-change chuck		■		■
Futuro Plus keyless chuck with metal sleeve	■		■	
Quick-change bit holder		■		■
Side handle	■	■	■	■
Belt hook and bit case	■	■	■	■
2 Li-Power battery packs (18 V/5.2 Ah)	■			
2 LiHD battery packs (18 V/5.5 Ah)		■	■	■
Charger ASC 30-36 V »AIR COOLED«	■	■	■	■
Plastic carry case	■	■	■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

- Metabo Quick System: quick change of bit retainer and bits, for flexible working

- Metabo Quick System: quick change of bit retainer and bits, for flexible working

- Third speed setting with high torque (max. 3,800/min) for extended range of application and even faster drilling progress

- Brushless hammer drill with maximum power for demanding applications
- Selectable "impuls" mode for removal of stubborn screws and for spot-drilling on smooth surfaces
- Unique Metabo brushless motor for quick work progress and highest efficiency when drilling and screwdriving
- Collar (Ø 43 mm) for versatile use
- Integrated working light to illuminate the contact area
- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Battery packs with capacity display for checking the charge status

System components

Accessories → 76, 252 | Battery packs → 72 | Quick system → 18

18 V



S-AUTOMATIC MECHANICAL SAFETY CLUTCH

Technical data	Cordless Hammer Drill SBE 18 LTX
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Maximum torque - soft	24 Nm
Drill-Ø masonry	18 mm
Drill Ø steel	13 mm
Drill-Ø soft wood	30 mm
No-load speed	0 - 1,000 / 0 - 3,000 /min
Maximum impact rate	57,000 /min
Chuck capacity	1.5 - 13 mm
Weight (including battery pack)	2.6 kg

Scope of delivery

Order no.	600845
Futuro Plus keyless chuck	■
Side handle	■
Drilling depth guide	■
2 Li-Power battery packs (18 V/2.0 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■
Plastic carry case	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- High-performance cordless hammer drill for powerful drilling in masonry equivalent to that of a mains-powered tool
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the tool stop unexpectedly
- Spindle with hexagonal recess for screwdriver bits for working without chuck
- Collar (Ø 43 mm) for versatile use
- Integrated working light to illuminate the contact area
- Practical capacity display for checking the charge status

System components

Accessories → 252 | Battery packs → 72

18 V







Technical data	Cordless Drywall Screwdriver SE 18 LTX 2500	Cordless Drywall Screwdriver SE 18 LTX 4000	Cordless Drywall Screwdriver SE 18 LTX 6000
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V	18 V
Bit retainer	Hexagon recess 1/4" (6.35 mm)	Hexagon recess 1/4" (6.35 mm)	Hexagon recess 1/4" (6.35 mm)
Maximum torque - soft	9 Nm	7 Nm	5 Nm
No-load speed	0 - 2,500 /min	0 - 4,000 /min	0 - 6,000 /min
Weight (including battery pack)	1.4 kg	1.3 kg	1.3 kg

Scope of delivery

Order no.	620047	620048	620049
Depth guide	■	■	■
Magnetic bit holder 1/4" (6.35 mm)	■	■	■
Phillips screwdriver bit, size 2/25 mm	■	■	■
Belt hook	■	■	■
2 Li-Power battery packs (18 V/2.0 Ah)	■	■	■
Charger ASC 30-36 V »AIR COOLED«	■	■	■
Plastic carry case	■	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Drywall screwdriver with high torque for fixing of gypsum plasterboards and gypsum fibre boards to wood and metal framework
- Drywall screwdriver for fixing gypsum plasterboards to wood and metal; also suitable for gypsum fibre boards to metal frames
- The specialist for gypsum plasterboards in drywall construction situations: high torque for even faster productivity

- Compact and light design for comfortable one-hand operation
- Precise driving of screws by virtue of finely adjustable depth guide and low-noise claw clutch
- Depth guide can be fully removed for inspection during operation
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Integrated working light to illuminate the contact area
- Handy belt hook, can be fixed either on the right or left side
- Battery packs with capacity display for checking the charge status

System components

Accessories → 310 | Battery packs → 72

Cordless impact drivers & wrenches: Compact tools, great performance.

As compact as the smallest, as powerful as the largest: With the SSW 18 LTX 400 BL cordless impact wrench we are offering you a unique performance class of cordless impact wrenches. The tool not only covers the complete performance range of medium-sized impact drills with its excellent efficiency, offers twelve-level speed and torque selection, but it can also be used for many jobs that would have normally required a much heavier tool. The brushless motor guarantees particularly quick work progress with maximum efficiency.

Unique Metabo brushless motor
for quick work progress and highest efficiency for any application

High torque
accompanied by an exceptionally compact design



Integrated working light
for illumination of the work area

Low kick-back working
with extremely high torque

Twelve speed/torque settings
for a wide range of applications.

With practical belt hook,
can be mounted on the right or left side

SSW 18 LTX 400 BL



For working with screwdriver bits
you can use the adapter 628836000 (accessory).



For powerful screwdriving with high torque
with low reverse torque at the same time



For example, the Metabo Impact Bits have a 70% higher service life.

18 V

NEW



BRUSHLESS MOTOR | STOP

NEW



BRUSHLESS MOTOR | STOP



BRUSHLESS MOTOR | STOP



Technical data	Cordless Impact Driver SSD 18 LTX 200 BL	Cordless Impact Wrench SSW 18 LTX 300 BL	Cordless Impact Wrench SSW 18 LTX 400 BL	Cordless Impact Wrench SSW 18 LTX 600
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V	18 V	18 V
Max. no-load speed	0 - 2,900 /min	0 - 2,650 /min	0 - 2,150 /min	0 - 1,600 /min
Maximum impact rate	4,000 /min	3,750 /min	4,250 /min	2,200 /min
Maximum torque	200 Nm	300 Nm	400 Nm	600 Nm
Speed/torque levels	12	12	12	1
Bit retainer	Hexagon recess 1/4" (6.35 mm)	Male square 1/2" (12.70 mm)	Male square 1/2" (12.70 mm)	Male square 1/2" (12.70 mm)
Weight (including battery pack)	1.4 kg	1.5 kg	1.7 kg	3.2 kg

Scope of delivery

Order no.	602396 [1]	602395 Available from September 2018	602205	602198
Belt hook	■	■	■	■
2 LiHD battery packs (18 V/5.5 Ah)				■
2 LiHD battery packs (18 V/4.0 Ah)	■	■	■	
Charger ASC 30-36 V »AIR COOLED«	■	■	■	■
Plastic carry case	■	■	■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

- Cordless impact driver with 1/4" hexagonal recess and 200 Nm
- Cordless impact driver with 1/2" male square and 300 Nm
- High torque of 400 Nm whilst offering a particularly handy design
- Extremely powerful with 600 Nm for heavy screwdriving applications
- Automatic Power Shift (APS) supports working with self-tapping screws: automatic torque reduction after drilling to prevent overtightening.
- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Unique Metabo brushless motor for quick work progress and highest efficiency for any application
- Twelve speed/torque levels for a wide range of applications
- High torque machine with low kick-back
- Integrated work light for illumination of the work area
- Handy belt hook, can be fixed either on the right or left side
- Battery packs with capacity display for checking the charge status

System components

Accessories → 315
Battery packs → 72

Compact, light and dust-free: The cordless hammer with dust extraction.

With immediate effect, the annoying dust when drilling in concrete, stone and masonry is a thing of the past if you use the new cordless combination hammer KHA 18 LTX BL 24 Quick with integrated dust extraction ISA 18 LTX 24. The HEPA filter catches even very small dust particles and thus permits healthier, dust-free drilling. Especially when working overhead and in areas susceptible to dust, this compact and light hammer is unbeatable.

S-AUTOMATIC MECHANICAL SAFETY CLUTCH

Metabo S-automatic safety clutch
Double safe thanks to electronic and mechanical safety shutdown when the drill stops unexpectedly

BRUSHLESS MOTOR

Maximum drill performance, efficiency and service life
thanks to brushless technology and high-performance hammer action

QUICK

Metabo Quick
Fast, tool-free chuck for working with SDS-plus and straight shank drill bits



VARIO CONSTAMATIC

Vario Tacho Constamatic (VTC) Electronics
for drilling jobs in materials requiring customised speeds, which remain almost constant under load

MVT

Metabo VibraTech (MVT)
Working, also continuously, in a low-fatigue manner whilst protecting the user's health

DUST PROTECTION

Integrated dust extraction
for dust-free drilling in concrete, stone and masonry

KHA 18 LTX BL 24 Quick with ISA 18 LTX 24



Combination hammer with 3 functions
Hammer drilling, drilling and chiselling



Extremely light and compact dust extraction
Ideal for working overhead or in areas sensible to dust



Health-friendly working
with HEPA filter for smallest dust particles

18 V

NEW



NEW



Technical data	Cordless Combination Hammer KHA 18 LTX BL 24 Quick	Cordless Combination Hammer KHA 18 LTX BL 24 Quick Set ISA
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Max. single-impact energy (EPTA)	2.2 J	2.2 J
Maximum impact rate	4,500 /min	4,500 /min
Drill-Ø concrete with hammer drills	24 mm	24 mm
Drill-Ø masonry with core bits	68 mm	68 mm
Drill Ø steel	13 mm	13 mm
Drill-Ø soft wood	25 mm	25 mm
No-load speed	0 - 1,200 /min	0 - 1,200 /min
Bit retainer	SDS-plus	SDS-plus
Weight (including battery pack)	3.7 kg	4.5 kg
Scope of delivery		
Order no.	**600211660**	**600211930** [1]
Integrated dust extraction ISA 18 LTX 24		■
Replacement extraction head		■
Hammer chuck for tools with SDS-plus shank end	■	■
Keyless chuck for tools with cylindrical shank	■	■
Rubber-coated side handle	■	■
Drilling depth guide	■	■
2 LiHD battery packs (18 V/5.5 Ah)	■	
LiHD battery pack (18 V/5.5 Ah)		■
LiHD Battery pack (18 V/4.0 Ah)		■
Charger ASC 30-36 V »AIR COOLED«	■	■
Plastic carry case	■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

Cordless Combination Hammer KHA 18 LTX BL 24 Quick	Cordless Combination Hammer KHA 18 LTX BL 24 Quick Set ISA
■ Dust-free drilling with compact dust extraction ISA 18 LTX 24 (accessory)	■ Dust-free drilling with compact dust extraction ISA 18 LTX 24

- Extremely light and compact cordless hammer with integrated extraction interface
- Maximum drill performance, efficiency and service life thanks to brushless technology and high-performance hammer action
- Combination hammer with 3 functions: hammer drilling, drilling and chiselling
- Metabo VibraTech (MVT): working, also continuously, in a low-fatigue manner whilst protecting the user's health
- Metabo Quick: fast, tool-free chuck for working with SDS-plus and straight shank drill bits
- Vario Constamatic (VTC) Electronics for drilling jobs in materials requiring customised speeds, which remain almost constant under load
- Double safe thanks to electronic and mechanical safety shutdown when the drill stops unexpectedly
- LED work light for optimum view of the drilling site

System components

Accessories → 79, 289
Battery packs → 72

18 V
2x 18 V





Technical data	Cordless Combination Hammer KHA 18 LTX	Cordless combination hammer KHA 36-18 LTX 32*
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Max. single-impact energy (EPTA)	2.2 J	3.1 J
Maximum impact rate	4,000 /min	4,500 /min
Drill-Ø concrete with hammer drills	24 mm	32 mm
Drill-Ø masonry with core bits	68 mm	68 mm
Drill Ø steel	13 mm	13 mm
Drill-Ø soft wood	25 mm	30 mm
No-load speed	0 - 1,100 /min	0 - 1,100 /min
Bit retainer	SDS-plus	SDS-plus
Weight (including battery pack)	2.9 kg	5.8 kg

Scope of delivery

Order no.	600210	600796
Hammer chuck for tools with SDS-plus shank end	■	■
Keyless chuck for tools with cylindrical shank		■
Rubber-coated side handle	■	
Metabo VibraTech (MVT) side handle		■
Drilling depth guide	■	■
Carrying strap	■	
2 LiHD battery packs (18 V/4.0 Ah)	■	
4 LiHD battery packs (18 V/8.0 Ah)		■
Charger ASC 30-36 V »AIR COOLED«	■	
2 Quick chargers ASC Ultra »AIR COOLED«		■
Plastic carry case	■	
MetaLoc case		■

Product advantages

- LED work light for optimum view of the drilling site

- 100% compatibility with the 18 Volt class: powerful 36 Volt operation with two 18 Volt battery packs from Metabo
- Metabo VibraTech (MVT): working, also continuously, in a low-fatigue manner whilst protecting the user's health
- Ergonomic housing shape for chiselling tasks without side handle
- Metabo Quick: fast, tool-free chuck for working with SDS-plus and straight shank drill bits

- Combination hammer with 3 functions: hammer drilling, drilling and chiselling
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly
- Battery packs with capacity display for checking the charge status

System components

Accessories → 289

Battery packs → 72

*36V version → 69

18 V



Technical data	Cordless Stirrer RW 18 LTX 120
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
No-load speed	0 - 750 /min
Gears	1
Maximum stirring paddle diameter	120 mm
Max. recommended mixing amount	40 l
Bit retainer	Female thread M 14
Weight (including battery pack)	4.4 kg

Scope of delivery

Order no.	601163
Stirrer paddle RS-R2	■
2 LiHD battery packs (18 V/5.5 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■

Product advantages

- Cordless stirrer for powerful mixing on the construction site
- Minor effort to guide the stirrer thanks to ergonomically favourable handle position
- Battery pack is protected by its location on the top and helps to ensure perfect balance when stirring
- Vario Constamatic (VC) Electronics for work with materials requiring customised speeds, which remain almost constant under load
- Overload protection: protects the motor from overheating
- Electronic soft start for splash-free working
- Battery packs with capacity display for checking the charge status

System components

Accessories → 318

Battery packs → 72

18 V



Technical data	Cordless Tapper GB 18 LTX BL Q I
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Maximum torque - soft	60 Nm
Maximum torque, hard	120 Nm
Adjustable torque	1 - 20 Nm
Thread diameter	M4 - M12
Drill Ø steel	13 mm
Drill-Ø soft wood	65 mm
No-load speeds	0 - 600 / 0 - 2,050 /min
Chuck capacity	1.5 - 13 mm
Weight (including battery pack)	2.5 kg

Scope of delivery

Order no.	603828
Quick-change tapping chuck M4-M6	■
Quick-change tapping chuck M8-M12	■
Side handle	■
Belt hook and bit case	■
2 LiHD battery packs (18 V/5.5 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■

Product advantages

- High-grade cordless drill/screwdriver with unique, patented thread-tapping function
- Quick and interruption-free cutting and cleaning of threads thanks to automatic change of direction of rotation
- Two quick-change tapping chuck for inserting taps with square and cylindrical shanks
- Metabo Quick System: quick change of bit retainer and bits, for flexible working
- Unique Metabo brushless motor for quick work progress and highest efficiency when drilling and screwdriving
- Selectable "impuls" mode for removal of stubborn screws and for spot-drilling on smooth surfaces
- Overload protection: protects the motor from overheating
- Spindle with hexagonal recess for screwdriver bits for working without chuck
- Collar (Ø 43 mm) for versatile use
- Integrated working light to illuminate the contact area
- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Battery packs with capacity display for checking the charge status

System components

Accessories → 76, 252

Battery packs → 72

18 V



Technical data	Cordless Flat-head Angle Grinder WF 18 LTX 125 Quick
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Minimum accessible angle	43 °
Grinding wheel Ø	125 mm
No-load speed	8,000 /min
Spindle threads	M 14
Weight (including battery pack)	2.4 kg

Scope of delivery

Order no.	601306
1 Flap disc Flexiamant Super Convex (125 mm; P60)	■
Guard	■
Inner support flange	■
Quick-locking nut	■
Side handle	■
Dust protection filter	■
2 Li-Power battery packs (18 V/5.2 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■
Plastic carry case	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Extremely flat gear head permits working within acute angles down to 43°
- Compact design for quick removal of welding slag, rust or paint in confined spaces e.g. frame constructions
- Low-fatigue working even on weld seams in difficult to access places thanks to slim handle
- Robust motor for long service life
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Battery pack can be swivelled for better access in hard to reach places
- Detachable dust protection filter protects motor from coarse particles
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Battery packs with capacity display for checking the charge status

System components

Accessories → 87 | Battery packs → 72

18 V





Technical data	Cordless Angle Grinder W 18 LTX 115 Quick	Cordless Angle Grinder W 18 LTX 125 Quick
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Grinding wheel Ø	115 mm	125 mm
No-load speed	8,000 /min	8,000 /min
Spindle threads	M 14	M 14
Weight (including battery pack)	2.4 kg	2.4 kg

Scope of delivery

Order no.	602170	602174
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Side handle	■	■
Dust protection filter	■	■
2 Li-Power battery packs (18 V/5.2 Ah)		■
Charger ASC 30-36 V »AIR COOLED«		■
Plastic carry case		■
MetaLoc case insert	■	
without battery pack, without charger	■	

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Slim design for prolonged comfort when working overhead or in areas with limited space
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Battery pack can be swivelled for better access in hard to reach places
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Detachable dust protection filter protects motor from coarse particles
- Battery packs with capacity display for checking the charge status

System components

Accessories → 130 | Battery packs → 72

18 V





RESTART PROTECTION

RESTART PROTECTION | PADDLE-SWITCH

Technical data	Cordless Angle Grinder W 18 LTX 125 Quick Inox	Cordless Angle Grinder WP 18 LTX 125 Quick
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Grinding wheel Ø	125 mm	125 mm
No-load speed	5,000 /min	8,000 /min
Spindle threads	M 14	M 14
Weight (including battery pack)	2.4 kg	2.4 kg
Scope of delivery		
Order no.	**600174**	**613072**
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Side handle	■	■
Dust protection filter	■	■
MetaLoc case insert		■
without battery pack, without charger	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Speed and torque configured precisely for stainless steel processing ensuring a cool grinding action with perfect finish
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
- Slim design for prolonged comfort when working overhead or in areas with limited space
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Battery pack can be swivelled for better access in hard to reach places
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Detachable dust protection filter protects motor from coarse particles

System components

Accessories → 130

Battery packs → 72

18 V





BRUSHLESS MOTOR | ELECTRONIC SAFETY CLUTCH | STOP FAST BRAKE | RESTART PROTECTION

BRUSHLESS MOTOR | ELECTRONIC SAFETY CLUTCH | STOP FAST BRAKE | RESTART PROTECTION | PADDLE-SWITCH

Technical data	Cordless Angle Grinder WB 18 LTX BL 125 Quick	Cordless Angle Grinder WPB 18 LTX BL 125 Quick
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Grinding wheel Ø	125 mm	125 mm
No-load speed	9,000 /min	9,000 /min
Spindle threads	M 14	M 14
Weight (including battery pack)	2.7 kg	2.8 kg
Scope of delivery		
Order no.	**613077**	**613075**
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Side handle	■	■
Dust protection filter	■	■
2 LiHD battery packs (18 V/5.5 Ah)	■	■
Charger ASC 30-36 V »AIR COOLED«	■	■
Plastic carry case	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
- Unique encapsulated Metabo brushless motor with optimum protection from dust provides quick work progress and the highest efficiency
- Slim design for prolonged comfort when working overhead or in areas with limited space
- Fast brake system with safety spindle for highest user safety: stops the disc within 2 seconds after switching off and prevents the nut from coming loose during the braking process
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Battery pack can be swivelled for better access in hard to reach places
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Detachable dust protection filter protects motor from coarse particles
- Battery packs with capacity display for checking the charge status

System components

Accessories → 130

Battery packs → 72

18 V







Technical data	Cordless Angle Grinder W 18 LTX 150 Quick	Cordless Angle Grinder WB 18 LTX BL 150 Quick	Cordless Angle Grinder WB 18 LTX BL 180
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V	18 V
Grinding wheel Ø	150 mm	150 mm	180 mm
No-load speed	8,000 /min	9,000 /min	8,200 /min
Spindle threads	M 14	M 14	M 14
Weight (including battery pack)	2.4 kg	2.6 kg	2.6 kg

Scope of delivery

Order no.	600404	613078	613087
Clip for cut-off guard	■		
Guard	■	■	■
2 Flexiarapid Inox cutting discs (150x1.6x22.2 mm)	■		
Inner support flange	■	■	■
Nut with two holes			■
Quick-locking nut	■	■	
Side handle	■	■	■
Dust protection filter	■	■	■
Flat-pin spanners			■
2 Li-Power battery packs (18 V/5.2 Ah)	■		
Charger ASC 30-36 V »AIR COOLED«	■		
Plastic carry case	■		
MetaLoc case			■
without battery pack, without charger		■	■

Product advantages

- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Same cutting depth like a large mains angle grinder with Ø 230 mm; ideal for cutting jobs on the roof
- Unique encapsulated Metabo brushless motor with optimum protection from dust provides quick work progress and the highest efficiency
- Fast brake system for highest user safety stops the disc within a matter of seconds after switching off
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Slim design for prolonged comfort when working overhead or in areas with limited space
- Tool-free adjustable guard; twist-proof
- Battery pack can be swivelled for better access in hard to reach places
- Detachable dust protection filter protects motor from coarse particles
- Overload protection, soft start and restart protection
- Battery packs with capacity display for checking the charge status

System components

Accessories → 130

Battery packs → 72

2x 18 V



Technical data	Cordless Angle Grinder WPB 36-18 LTX BL 230*
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Grinding wheel Ø	230 mm
No-load speed	6,600 /min
Spindle threads	M 14
Weight (including battery pack)	6.9 kg

Scope of delivery

Order no.	613102 [1]
Guard	■
Inner support flange	■
Nut with two holes	■
Metabo VibraTech (MVT) side handle	■
Flat-pin spanners	■
4 LiHD battery packs (18 V/8.0 Ah)	■
2 Quick chargers ASC Ultra »AIR COOLED«	■
Plastic carry case	■
MetaLoc case	■

[1] also available in 120 V (North/Latin America)

Product advantages

- World's first large angle grinder (Ø 230 mm) with battery pack operation for powerful cutting and roughing independent from the mains power
- 100% compatibility with the 18 Volt class: powerful 36 Volt operation with two 18 Volt battery packs from Metabo
- Widest range of application thanks to extremely large cutting depth of 77 mm
- Unique encapsulated Metabo brushless motor with optimum protection from dust provides quick work progress and the highest efficiency
- Deadman's switch for high user safety
- Fast brake system for highest user safety stops the disc within a matter of seconds after switching off
- Rotating main handle: high safety and better handling when cutting
- Metabo VibraTech (MVT) side handle for vibration damping to protect the user's health
- Side handle can be mounted in three positions
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Overload protection, soft start and restart protection
- Battery packs with capacity display for checking the charge status

System components

Accessories → 130

Battery packs → 72

*36V version → 68

Inox

18 V



Technical data	Cordless Band File BF 18 LTX 90
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Belt speed in idle	8 m/s
Grinding belt width	6 - 19 mm
Grinding belt length	457 mm
Useful length of sanding belt arm	90 mm
Weight (including battery pack)	2.6 kg

Scope of delivery

Order no.	600321
Side handle	■
Dust protection filter	■
Sanding belt arm 1 (for belt width 6 and 13 mm)	■
Hexagonal wrench	■
without battery pack, without charger	■

Product advantages

- Powerful, compact cordless band file for grinding, satin-finish and deburring in places difficult to reach
- Robust motor for long service life
- Tool-free sanding belt change and adjustable belt guide
- Grinding attachment can be swivelled by 270° without tools for perfect adaptation to any working position
- Battery pack can be swivelled for better access in hard to reach places
- Detachable dust protection filter protects motor from coarse particles
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption

Inox

18 V



Technical data	Cordless Fillet Weld Grinder KNS 18 LTX 150
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
No-load speed	3,800 /min
Disc diameter	150 mm
Spindle threads	M 14
Weight (including battery pack)	3 kg

Scope of delivery

Order no.	600191
Guard	■
Inner support flange	■
Nut with two holes	■
Side handle	■
Dust protection filter	■
Flat-pin spanners	■
Hexagonal wrench	■
without battery pack, without charger	■

Product advantages

- Very flat cordless fillet weld grinder for processing stainless steel weld seams in tight spaces
- Robust motor for long service life
- Adjustable without tools, removable guard
- Low-maintenance belt drive for long service life
- Battery pack can be swivelled for better access in hard to reach places
- Detachable dust protection filter protects motor from coarse particles
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption

System components

Accessories → 181 | Battery packs → 72

System components

Accessories → 183 | Battery packs → 72

Inox

18 V



Technical data	Cordless Burnishing Machine S 18 LTX 115
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
No-load speed	3,000 /min
Spindle threads	M 14
Abrasive tool diameter	100 - 200 mm
Abrasive tool width	50 - 100 mm
Weight (including battery pack)	3.1 kg

Scope of delivery

Order no.	600154
Side handle	■
Dust protection filter	■
without battery pack, without charger	■

Product advantages

- Compact cordless burnishing machine for grinding, satin-finish, brushing and high-gloss polishing of e.g. stainless steel
- Robust motor for long service life
- Spindle lock and tool-free flange nut for fast accessory change
- Fast and tool-free adjustment of guard and side handle
- Smooth-running, form-fit roller arbor for a uniform grinding result
- Battery pack can be swivelled for better access in hard to reach places
- Detachable dust protection filter protects motor from coarse particles
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption

Inox

18 V



Technical data	Cordless Tube Belt Sander RB 18 LTX 60
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Belt speed in idle	9.2 m/s
Grinding belt dimensions	30 x 533 mm
Maximum pipe diameter	60 mm
Wrap angle	190 °
Weight (including battery pack)	3.3 kg

Scope of delivery

Order no.	600192
Dust protection filter	■
without battery pack, without charger	■

Product advantages

- Compact cordless tube belt sander for quick, flexible processing of stainless steel pipes
- Large wrap angle of 190° for smooth surfaces
- Robust motor for long service life
- Tool-free sanding belt change and adjustable belt guide
- Battery pack can be swivelled for better access in hard to reach places
- Detachable dust protection filter protects motor from coarse particles
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption

System components

Accessories → 186 | Battery packs → 72

System components

Accessories → 194 | Battery packs → 72

18 V







Technical data	Cordless Die Grinder GA 18 LTX	Cordless Die Grinder GPA 18 LTX	Cordless Die Grinder GA 18 LTX G
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V	18 V
No-load speed	25,000 /min	25,000 /min	6,000 /min
Collar diameter	43 mm	43 mm	43 mm
Collet chuck bore	6 mm	6 mm	6 mm
Weight (including battery pack)	2.1 kg	2.1 kg	2.2 kg

Scope of delivery

Order no.	600638	600621 [1]	600639 [1]
Collet 6 mm	■	■	■
Protective rubber cap	■	■	■
Side handle			■
Dust protection filter	■	■	■
Open-jawed spanner	■	■	■
2 Li-Power battery packs (18 V/5.2 Ah)	■	■	
Charger ASC 30-36 V »AIR COOLED«	■	■	
Plastic carry case	■	■	
without battery pack, without charger			■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
- High torque and compact design thanks to robust planetary gear train

- Spindle lock for simple change of tools
- Restart protection: prevents unintentional start-up after power supply interruption
- Overload protection: protects the motor from overheating
- Removable protective rubber cap for comfortable and safe working
- Slim design for ideal handling
- Precision collet for precise concentricity
- Detachable dust protection filter protects motor from coarse particles
- Battery packs with capacity display for checking the charge status

System components

Accessories → 202
Battery packs → 72

18 V



Technical data	Cordless Bevelling Tool KFM 18 LTX 3 RF
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
No-load speed	7,000 /min
Type of edges	Chamfer and radius
Max. chamfer width 45°	6 mm
Max. chamfer height at 45°	4 mm
Possible radii	R2 / R3
Grading of cutting depth setting	0.1 mm
Curves smallest internal Ø	13 mm
Weight (including battery pack)	3.1 kg

Scope of delivery

Order no.	601754 [1]
2 Carbide indexable inserts 45° chamfer	■
2 Carbide indexable inserts radius R2	■
2 Carbide indexable inserts radius R3	■
Guide stop	■
Screwdriver Torx 15	■
Front handle	■
Dust protection filter	■
2 LiHD battery packs (18 V/5.5 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■
MetaLoc case	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

- The most powerful cordless metal bevelling tool for 45° chamfers up to 4 mm and radii of 2 and 3 mm
- Surfaces free from oxide and burrs as ideal preparation for the application of powder or paint coatings for maximum protection from corrosion
- One-touch controller: Patented, tool-free setting of the cutting depth in 0.1 mm steps; stop points for short setting times, and protection against unintentional adjustment of the cutting depth when working
- Slim milling head for working on tubes, on bores from Ø 13 mm, and on exterior contours
- Parallel guide / rip fence for a uniform finish when processing straight edges
- Battery pack can be swivelled for better access in hard to reach places
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Detachable dust protection filter protects motor from coarse particles

System components

Accessories → 214
Battery packs → 72

NEW

18 V



Technical data	Cordless Blind Rivet Gun NP 18 LTX BL 5.0
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Rivet diameter	2.4 - 5 mm
Placement force	10,000 N
Weight (including battery pack)	2.2 kg

Scope of delivery

Order no.	619002
4 Retaining nozzles	■
Belt hook	■
2 LiHD battery packs (18 V/4.0 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■
MetaLoc case	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Cordless rivet gun for extremely fast riveting, comparable to compressed air devices
- 100% compatible with all Metabo 18 Volt battery packs
- Long service life thanks to brushless motor and robust precision gearbox
- With retaining nozzles for one-hand operation: inserted rivet holds in any position
- Transparent collecting container for simple emptying of the remaining rivet mandrels
- Quick change of nozzle for different rivet diameters, via integrated tool
- Safety in the workplace thanks to robust knuckle guards
- LED light for optimum illumination when riveting; can be switched off for reflective surfaces
- Ergonomic design for comfortable working also in corners
- Robust eyelet for energy-saving work with balancer / spring tension
- Handy belt hook, can be fixed either on the right or left side
- Battery packs with capacity display for checking the charge status

System components

Accessories → 78
Battery packs → 72

18 V



Technical data	Cordless Band Saw MBS 18 LTX 2.5
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Maximum cutting width	63.5 mm
Saw belt length	835 mm
Saw belt width	13 mm
Saw band speed	174 m/min
Weight (including battery pack)	4.1 kg

Scope of delivery

Order no.	613022
Band saw blade 14/18 TPI	■
1 Li-Power battery pack (18 V/5.2 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■

Product advantages

- Light cordless band saw for precise, burr-free cuts in metal, aluminium and plastic
- Compact design for sawing in hard to reach places and overhead
- Material-friendly, almost spark-free sawing without coolant
- Low-fatigue working thanks to optimum centre of gravity and large rubberised areas of the handles
- Low-vibration saw blade running for precision cuts and comfortable working
- Tension and tracking of the band saw blade can be adjusted quickly and easily
- Metabo Quick for changing saw blades without tools
- Integrated LED work light for illumination of the cutting line
- Robust housing with solid metal stop and metal saw blade cover
- Integrated hanging hook for space-saving storage
- Conventional band saw blades in the respective size can be used
- Battery packs with capacity display for checking the charge status

System components

Accessories → 448 | Battery packs → 72

18 V



Technical data	Cordless Circular Saw KS 18 LTX 57
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Swivel range from / to:	0 °/+ 50 °
Adjustable cutting depth	0 - 57 mm
Maximum cutting depth at 90°	57 mm
Maximum cutting depth at 45°	43 mm
Saw blade Ø x bore	Ø 165 x 20 mm
No-load speed	4,600 /min
Max. cutting speed	40 m/s
Weight (including battery pack)	3.7 kg

Scope of delivery

Order no.	601857
Carbide circular saw blade (18 teeth)	■
Parallel guide / Rip fence	■
Hexagonal wrench	■
2 LiHD battery packs (18 V/8.0 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■
MetaLoc case	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Powerful, light, cordless circular saw for universal use on construction sites
- Aluminium base plate can be directly used on guide rails from Metabo and other manufacturers
- Fast brake stops the saw blade quickly and improves safety
- Accurately angled bevel cuts down to 50°, with handy snap-in point at 45°
- 0° position re-adjustable for highest cutting precision
- Clearly visible cutting indicator for precise sawing after initial cut
- Handle with non-slip soft-grip surface for safe guidance
- Extraction possibility by means of connecting an all-purpose vacuum cleaner
- Battery packs with capacity display for checking the charge status

System components

Accessories → 378 | Battery packs → 72

18 V





Technical data	Cordless Sabre Saw SSE 18 LTX Compact	Cordless Sabre Saw ASE 18 LTX
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Strokes in idle	0 - 3,100 /min	0 - 2,700 /min
Saw blade stroke	13 mm	30 mm
Weight (including battery pack)	1.9 kg	3.9 kg

Scope of delivery

Order no.	602266	602269
Jigsaw blade for metal	■	
Sabre saw blade for wood and metal	■	
Hexagonal wrench		■
2 LiHD battery packs (18 V/5.5 Ah)		■
2 LiHD battery packs (18 V/4.0 Ah)	■	
Charger ASC 30-36 V »AIR COOLED«	■	■
Plastic carry case	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Light, extremely handy saw for one or two handed operation
- Especially suitable for working in difficult to reach places
- Extended range of application thanks to unique Quick retainer for sabre saw blades and jigsaw blades
- Depth guide can be adjusted without tools for ideal utilisation of the saw blade and diverse applications such as plunge cuts
- Integrated LED work light for optimum illumination of the cutting line
- Slim, lightweight machine with soft-grip handle for comfortable sawing in every working position
- Robust die-cast aluminium gear housing, coated for optimum handling
- Variospeed (V) Electronics for working with customised stroke rates for the materials used
- Saw blade rotatable by 180° for working comfortably overhead
- Depth guide can be adjusted for ideal utilisation of the saw blade and diverse applications such as plunge cuts
- Metabo Quick for changing saw blades without tools
- Wide range of uses thanks to the adapted Metabo saw blade range
- Battery packs with capacity display for checking the charge status

System components

Accessories → 391, 406 | Battery packs → 72

18 V

NEW





NEW









Technical data	Cordless Jigsaw STAB 18 LTX 100	Cordless Jigsaw STA 18 LTX 100	Cordless Jigsaw STA 18 LTX 140
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V	18 V
Cutting depth wood	100 mm	100 mm	140 mm
Cutting depth NF metal	25 mm	25 mm	35 mm
Cutting depth sheet steel	10 mm	10 mm	10 mm
Swivel range from / to:	- 45 °/+ 45 °	- 45 °/+ 45 °	- 45 °/+ 45 °
Pendulum stroke levels	4	4	4
Strokes in idle	0 - 2,800 /min	550 - 2,800 /min	1,000 - 3,000 /min
Weight (including battery pack)	2.5 kg	2.4 kg	2.8 kg

Scope of delivery

Order no.	601003	601002	601405
Extraction nozzles	■	■	■
Protective glass	■	■	■
Plastic guard plate			■
Chip guard plates	■	■	■
Jigsaw blade	■	■	
Hexagonal wrench	■	■	
2 LiHD battery packs (18 V/4.0 Ah)	■	■	■
Charger ASC 30-36 V »AIR COOLED«	■	■	■
Plastic carry case	■	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Top handle with non-slip soft-grip surface

- Extremely powerful jigsaw with VTC-Electronics for fast cuts into soft wood of up to 140 mm deep
- Convenient auto start with automatic stroke rate acceleration
- Integrated LED work light for illumination of the cutting line
- Long service life thanks to optimum gear and motor design and robust die-cast aluminium gear housing

- Extremely handy due to small body circumference and soft-grip surface

- Precise and material-matched sawing due to the variable stroke rate, pendulum stroke and low-lying saw blade guidance with spring support
- Metabo Quick for tool-free saw blade change and with automatic ejection
- Selectable chip blowing function ensures free view of cutting line

System components

Accessories → 391

Battery packs → 72

18 V









Technical data	Cordless Mitre Saw KS 18 LTX 216	Cordless mitre saw KGS 18 LTX 216 with sliding function
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Cutting capacity 90°/90°	120 x 60 mm	305 x 65 mm
Cutting capacity 45°/45°	80 x 45 mm	205 x 36 mm
Turntable setting left/right	47 °/47 °	47 °/47 °
Saw blade inclination left/right	47 °/2 °	47 °/2 °
Saw Blade	Ø 216 x 30 mm	Ø 216 x 30 mm
No-load speed	4,200 /min	4,200 /min
Max. cutting speed	48 m/s	48 m/s
Weight (including battery pack)	9.9 kg	13.9 kg

Scope of delivery

Order no.	619000	619001
Carbide saw blade (40 teeth)	■	■
2 Table width extensions	■	■
Length guide	■	■
Material clamp	■	■
Tool for saw blade change	■	■
Chip collection bag	■	■
2 LiHD battery packs (18 V/5.5 Ah)	■	
2 LiHD battery packs (18V/8.0 Ah)		■
Charger ASC 30-36 V »AIR COOLED«	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Up to 720 cuts in laminate 195 x 8 mm per battery pack charge (8.0 Ah)
- Sliding function for wide work pieces.
- Depth guide for easy creation of grooves

- Powerful cordless mitre saw perfect for assembly jobs with high volume of cuts
- Up to 340 cuts in soft wood 60 x 60 mm per battery pack charge (8.0 Ah)
- Compact light weight, suitable also for one-handed transport
- Easy transport thanks to ergonomically-designed handles and locking saw head
- Motor brake for quick stop of the saw blade in 3 seconds
- Robust die-cast aluminium design for the highest demands
- Effective internal chip and dust extraction via dust scoop and chip collection bag
- Fast and precise setting of common angles using stop points
- Cutting line laser and LED work light with energy-saving automatic shutoff
- Adjustable and extendable table width extensions, removable to put long panels, slabs etc. underneath
- Sliding high rear fence profiles for safe sawing
- Material clamp for secure fixing of the work piece from the top or front

System components

Accessories → 378, 441

Battery packs → 72

2x 18 V

NEW



BRUSHLESS MOTOR · RESTART PROTECTION · SOFT-START · DUST PROTECTION

Technical data	Cordless Table Saw TS 36-18 LTX BL 254*
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Max. support surface	970 x 995 mm
Working height	850/355 mm
Cutting height	0 - 87 mm
Maximum cutting height 90/45°	87 mm/50 mm
Maximum cutting width at parallel guide/rip fence	630 mm
Maximum material width at mitre fence	200 mm
No-load speed	5,000 /min
Max. cutting speed	66 m/s
Saw Blade	Ø 254 x 30 mm
Saw blade swivel range	-1.5 - 46.5 °
Weight (including battery pack)	34.6 kg

Scope of delivery

Order no.	613025
Carbide saw blade with alternately bevel-ground tips (40 teeth)	■
Stand	■
Rubber tyres	■
Parallel guide / Rip fence	■
Mitre fence	■
Table length extension	■
Table width extension	■
Dust cycles	■
Textile dust bag	■
4 LiHD battery packs (18 V/8.0 Ah)	■
2 Quick chargers ASC Ultra »AIR COOLED«	■
Fixation strap for MetaLoc	■
MetaLoc case	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Extremely light cordless table saw with trolley function for maximum mobility
- Powerful Metabo brushless motor for powerful sawing like with a mains-powered tool
- 100% compatibility with the 18 Volt class: powerful 36 Volt operation with two 18 Volt battery packs from Metabo
- Integrated extraction with dust cyclone for low-dust working without vacuum cleaner
- Quick change between sawing at ground-level or when standing up thanks to integrated, folding stand
- Precisely adjustable parallel guide / rip fence with double clamping and quick fastening
- Soft start and overload protection for long service life of motor and drive
- Splitting wedge can be lowered without tools for hidden cuts and transport
- MetaLoc case and attachments can be fixed at the housing for compact transport and storage

System components

Accessories → 378 | Battery packs → 72 | Extraction Systems → 453

*36V version → 70

18 V



QUICK · VARIO TACHO CONSTAMATIC

Technical data	Cordless Multi-Tool MT 18 LTX
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Orbital frequency with no load	7,000 - 18,000 /min
Bit retainer	Compatible with OIS and Starlock
Oscillation angle left/right	1.6 °
Base plate, measurement from corner to corner	93 mm
Weight (including battery pack)	1.9 kg

Scope of delivery

Order no.	613021
Plunge saw blade 32 mm HCS (wood)	■
Segment saw blade 85 mm BiM (wood + metal)	■
Scraping knife, rigid 52 mm HCS	■
Triangular hook and loop sanding plate 93 mm	■
5 Hook and loop sanding sheets 93 mm P 80	■
5 Hook and loop sanding sheets 93 mm P 120	■
Suction adapter	■
Multi-adapter	■
2 LiHD battery packs (18 V/4.0 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■
Plastic carry case	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Oscillating cordless multi-tool with high performance comparable to that of a mains powered version
- Indispensable for interior development such as cutting, sanding and scraping of different materials
- Tool holder for maximum compatibility to OIS, Starlock and other accessories
- Metabo Quick tool change system for time-saving, convenient change of accessories
- Fast and powerful thanks to the combination of a large oscillation angle of 3.2° and VTC-Electronics to maintain constant speed even under load
- Extra bright double LED lights for good visibility of the working area
- Slim design and non-slip soft-grip surface for optimised handling
- Extraction possibility by means of connecting an all-purpose vacuum cleaner
- Battery packs with capacity display for checking the charge status

System components

Accessories → 416 | Battery packs → 72

18 V



SOFT-START

Technical data	Cordless Planer HO 18 LTX 20-82
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Planing width	82 mm
Adjustable planing depth	0 - 2 mm
Maximum notch depth	9 mm
No-load speed	16,000 /min
Length of planer base	295 mm
Weight (including battery pack)	3.5 kg

Scope of delivery

Order no.	602082
1 Set of disposable planer blades	■
Parallel guide / Rip fence	■
Depth gauge	■
Chip ejection adapter	■
Textile dust bags	■
2 Li-Power battery packs (18 V/4.0 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■
MetaLoc case	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Light, compact cordless planer for planing, rebating and chamfering
- Adjustable planing depth and notch depth
- Aluminium die cast and milled cut planer base with V-groove for easy chamfering
- Parallel guide / rip fence for precise guiding of the planer
- Grip area with non-slip soft-grip surface
- Extraction possibility by means of connecting an all-purpose vacuum cleaner
- Angled chip ejection adapter for controlled ejection of the wood shavings
- Easy to empty textile dust bag for working without extraction facilities
- Strap on the planer base for stopping the machine and to protect the work piece
- Easy blade change of the robust reversible carbide planer blades
- Soft start and overload protection for long service life of motor and drive

System components

Accessories → 372 | Battery packs → 72

18 V





Technical data	Cordless Caulking Gun KPA 18 LTX 400	Cordless Caulking Gun KPA 18 LTX 600
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Discharge pressure	7,259 N / 740 kg	7,259 N / 740 kg
Holder size	400 ml	600 ml
Feed rate in idle	1 - 10 mm/s	1 - 10 mm/s
Suitable for	Cartridges, foil bags	Cartridges, foil bags
Weight (including battery pack)	2.8 kg	3 kg

Scope of delivery

Order no.	601206	601207
600 ml pipe		■
400 ml pipe	■	
Push plate for foil bag	■	■
Push plate for cartridges	■	■
Cartridge carrier	■	
Li-Power battery pack (18 V/2.0 Ah)	■	
LiHD Battery pack (18 V/4.0 Ah)		■
Charger SC 60 Plus	■	
Charger ASC 30-36 V »AIR COOLED«		■

Product advantages

- Extremely high discharge force, also suited for processing particularly viscous materials
- Infinitely variable setting of the discharge speed for precision working
- Metabo Quick: quick, tool-free change between cartridges and film bags
- No dripping thanks to automatic retraction of the gear rack
- Optimal material use thanks to almost complete discharge
- All-metal gear for long service life
- Battery packs with capacity display for checking the charge status

System components

Accessories → 78

Battery packs → 72

NEW

18 V





Technical data	Cordless Vacuum Cleaner AS 18 L PC
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Air output max.	2,100 l/min
Vacuum	120 hPa (mbar)
Filter surface	3,600 cm²
Container volume	7.5 l
Suction hose Ø	27 mm
Hose length	3 m
Weight (including battery pack)	7.4 kg

Scope of delivery

Order no.	602021
Suction hose (Ø 27 mm / 3.0 m)	■
Fleece filter bag	■
Suction nozzle (120 mm wide)	■
Crevice nozzle	■
Carrying strap	■
2 Li-Power battery packs (18 V/5.2 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Light, compact cordless vacuum cleaner for mobile use for extraction and vacuuming of dust and chips
- Dry vacuum cleaner with commercial registration, certified in accordance with EU standard for L class dust
- PressClean: manual filter cleaning using strong air flow by activating the switch on the extraction unit during breaks
- With integrated blow function for blowing out, drying and drawing off exhaust air
- Eco mode for longer runtime per battery pack charge, boost mode for maximum power
- Large corner switch for easy switching On/Off also by foot operation
- Practical storage for second battery pack, charger, nozzles and hose (3 m)
- Compact MetaLoc design for stacking with the MetaLoc cases
- Robust housing with rubber protectors at the footprint for gentle, non-slip placement
- Easy transport with ergonomically-designed handle or carry strap
- Capacity display of the battery pack directly on the control panel of the vacuum cleaner

System components

Accessories → 462

Battery packs → 72

14.4 V
18 V





Technical data	Cordless Portable Lamp ULA 14.4-18 LED	Cordless Inspection Lamp SLA 14.4-18 LED
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Max. luminous flux	280 lm	440 lm
Max. duration of illumination per battery pack charge	14.4 V / 2.0 Ah: 4.5 h 14.4 V / 4.0 Ah: 9 h 18 V / 2.0 Ah: 6.4 h 18 V / 4.0 Ah: 12.7 h 18 V / 5.2 Ah: 16.5 h 18 V / LiHD 4.0 Ah: 12.7 h 18 V / LiHD 5.5 Ah: 17.6 h 18 V / LiHD 8.0 Ah: 25.4 h	14.4 V / 2.0 Ah: 3.4 h 14.4 V / 4.0 Ah: 6.8 h 18 V / 2.0 Ah: 4.5 h 18 V / 4.0 Ah: 9.1 h 18 V / 5.2 Ah: 11.8 h 18 V / LiHD 4.0 Ah: 9.1 h 18 V / LiHD 5.5 Ah: 12.4 h 18 V / LiHD 8.0 Ah: 18.2 h
Weight (without battery pack)	0.39 kg	0.46 kg
Scope of delivery		
Order no.	**600368**	**600370**
without battery pack, without charger	■	■

Product advantages

- Powerful LED portable lamp for uniform, bright illumination of the working area
- Lamp head can be tilted and locked in 12 positions
- Compact and handy for versatile use
- Robust aluminium die-cast housing for use on construction sites
- Operation with all Li-Power and LiHD slide-on 14.4 and 18 Volt battery packs
- Swivelling hook for suspending the lamp

- Powerful LED inspection lamp for uniform, bright illumination of the working area
- Lamp head can be turned and swivelled through 180° providing almost infinite positions for the lamp

System components

Battery packs → 72

14.4 V
18 V



Technical data	Cordless Site Light BSA 14.4-18 LED
Type of battery pack	Li-Ion / LiHD
Max. luminous flux	2,600 lm
Max. duration of illumination per battery pack charge	14.4 V / 2.0 Ah: 2.2 h 14.4 V / 4.0 Ah: 4.3 h 18 V / 2.0 Ah: 2.7 h 18 V / 4.0 Ah: 5.4 h 18 V / 5.2 Ah: 7.0 h 18 V / LiHD 4.0 Ah: 5.4 h 18 V / LiHD 5.5 Ah: 7.4 h 18 V / LiHD 8.0 Ah: 10.8 h
Weight (without battery pack)	2.5 kg
Scope of delivery	
Order no.	**602111**
without battery pack, without charger	■

Product advantages

- Powerful cordless site light with 18 LEDs for extensive and even illumination of the workplace and for flaw detection when surface processing
- Operation with all Li-Power and LiHD slide-on 14.4 and 18 Volt battery packs
- Robust and with a long service life for demanding applications on construction sites; housing and glass can be cleaned with a damp cloth
- Very bright and pleasant light, inspired by daylight, with two illumination levels
- Extremely long-lasting illumination of up to 10.8 hours per battery charge
- Minimum heat generation: the spotlight only gets lukewarm for safe handling during continuous operation
- Handle and light, compact design for quick change of position and for on the go
- Spotlight can be swivelled quickly and continuously through 180°
- Rubberised stand for secure positioning and gentle contact on delicate surfaces
- Can also be suspended from a wall or mounted on a tripod

System components

Battery packs → 72

14.4 V
18 V



Technical data	Cordless Power Adapter PA 14.4-18 LED-USB
Type of battery pack	Li-Ion / LiHD
Scope of delivery	
Order no.	**600288**
without battery pack, without charger	■

Product advantages

- Compact, multi-function adapter, can be used as desktop charger, energy source and lamp
- Two fast USB connections for charging and operating of USB devices (max. charging current 2 A)
- 12 Volt connection for the Metabo heated jacket
- Bright LED light for close range
- LED power light indicates operation; automatic shutdown after seven hours
- Safe application thanks to automatic shutdown in case of overheating or short-circuit
- Operation with all Li-Power and LiHD slide-on 14.4 and 18 Volt battery packs

18 V

NEW



NEW



Technical data	Cordless Worksite Radio R 12-18	Cordless Worksite Radio R 12-18 BT
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Max. runtime per battery pack charge	14.4V / 2.0 Ah: 7.2 h 18V / 2.0 Ah: 9 h 18V / LiHD 4.0 Ah: 18 h 18V / LiHD 8.0 Ah: 32 h	14.4V / 2.0 Ah: 7.2 h 18V / 2.0 Ah: 9 h 18V / LiHD 4.0 Ah: 18 h 18V / LiHD 8.0 Ah: 32 h
Radio frequency AM	522 - 1,620 kHz	522 - 1,620 kHz
Radio frequency FM	87.5 - 108 MHz	87.5 - 108 MHz
Weight (without battery pack)	1.85 kg	1.85 kg

Scope of delivery

Order no.	600776	600777
Mains cable	■	■
without battery pack	■	■

Product advantages

- Robust and compact AM/FM worksite radio

- Robust and compact AM/FM worksite radio with Bluetooth for wireless music enjoyment from your smart phone or tablet

- Operation with all Metabo slide-on battery packs from 12 to 18 volts or mains-powered
- Robust plastic housing with protection class IP 54 - splash-proof, dust-proof and impact-proof
- Station presets for AM/FM
- Mains cable can be plugged in
- Digital DSP tuner with illuminated LCD display and automatic station search
- Flexible antenna

System components

Battery packs → 72

18 V



Technical data	Cordless Hedge Trimmer AHS 18-55 V
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Runtime per battery pack charge	70 min
Cutting thickness	18 mm
Cutting strength	53 cm
No of strokes (no load)	2,700 /min
Weight (including battery pack)	3.8 kg

Scope of delivery

Order no.	600463
2 LiHD battery packs (18 V/4.0 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■
Storage slipcase	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Blades with special geometry generate less wear and thus deliver 200% longer service life
- Clean cut thanks to diamond-ground blade teeth on both sides at a 30° angle
- Lower safety blade for high safety at work
- Top cutting performance generated by double reduction gearing
- Pleasant to work with thanks to low-vibration running, perfect ergonomics and soft-grip handle
- Safety features include electronic blade quick stop (in 0.3 seconds)
- Trigger guard with twig feed protects user and gearing from kickbacks
- Battery packs with capacity display for checking the charge status

18 V



Technical data	Cordless Blower AG 18
Type of battery pack	Li-Ion / LiHD
Air volume	2.6 m³/min
Max. air velocity	74 m/s
Weight (including battery pack)	1.87 kg

Scope of delivery

Order no.	602242
without battery pack, without charger	■

Product advantages

- Lightweight cordless blower e.g. for blowing off chips from workpieces, workplace, transporter etc.
- Good ergonomics provided by a rubberised handle and an optimum centre of gravity
- Robust design suitable for applications in the workshop and on the construction site
- Vario (V) Electronics for continuously selectable blowing air velocity rate
- Thumbwheel for preselection of 3 air velocity rate settings for varied output
- Rubberised end piece of the blow tube to protect delicate surfaces
- Comfortable blowing of floor areas using the supplied extension of the blow tube
- Operation with all Li-Power and LiHD slide-on 18 Volt battery packs

System components

Accessories → 575

Battery packs → 72

18 V



Technical data	Cordless Fan AV 18
Type of battery pack	Li-Ion / LiHD
Air velocity	1.8 / 2.8 / 3.8 m/s
Maximum speed	1,300 /min
Rotor diameter	355 mm
Weight (including battery pack)	4.55 kg

Scope of delivery

Order no.	606176
without battery pack, without charger	■

Product advantages

- High-quality cordless fan for flexible use, independent from mains power
- Battery pack operating time of up to 7 hours (at 5.2 Ah)
- Robust metal cage for maximum air throughput with minimum turbulence
- Adjustable tilting cage for flexible direction of air flow
- Air speed selectable via 3 levels
- Quiet operation even with highest level setting
- Stable tubular frame with rubber feet for safe positioning
- Prepared integrated mounting plate for mounting on a tripod or to the wall
- Operation with all Li-Power and LiHD slide-on 18 Volt battery packs

14.4 V 18 V



Technical data	Cordless Heated Jacket HJA 14.4-18
Type of battery pack	Li-Ion / LiHD

Scope of delivery

Size	Order no.
XS	657025
S	657026
M	657027
L	657028
XL	657029
XXL	657030
XXXL	657031
Power Adapter PA 14.4-18 LED-USB	■
without battery pack, without charger	■

Product advantages

- High-quality cordless heated jacket for work and leisure - warm, comfortable and versatile
- Six heating zones can be heated simultaneously or selectively at three different heating levels
- Warm hands thanks to two heated jacket pockets
- Up to 12 hours of comfortable warmth on level 1 or 5 hours of strong warmth on level 3 with one battery pack charge (18 V/5.2 Ah/all zones)
- Up to 5 hours of warmth on level 1 or 2 hours of warmth on level 3 when using a 18 V/2.0 Ah battery pack
- Extremely hard-wearing thanks to wind- and water-resistant, tear-proof material
- Outer material from 100% cotton, inner material and padding from 100% polyester
- One easy to reach battery pack pocket left behind the side seam
- Operation with all Li-Power and LiHD slide-on 14.4 and 18 Volt battery packs
- The jacket can also be operated with 10.8 V battery packs in connection with the smaller Metabo Power adapter PowerMaxx PA (order no. 606212000).

System components

Battery packs → 72

Clever combination of battery pack power.

10.8 V



Combo Set 2.1 10.8 V Quick Pro

- Cordless Drill / Screwdriver PowerMaxx BS Quick
- Cordless Impact Driver PowerMaxx SSD
- »Quick« Keyless Chuck
- »Quick« quick change angle adapter
- Li-Power battery pack (10.8 V/2.0 Ah)
- Li-Power battery pack (10.8 V/4.0Ah)
- Charger LC 40
- In MetaLoc II

Order no. 685053000



Combo Set 2.2 10.8 V Quick Pro

- Cordless Drill / Screwdriver PowerMaxx BS Quick
- Cordless Sabre Saw PowerMaxx ASE
- »Quick« Keyless Chuck
- »Quick« quick change angle adapter
- Li-Power battery pack (10.8 V/2.0 Ah)
- Li-Power battery pack (10.8 V/4.0Ah)
- Charger LC 40
- In MetaLoc III

Order no. 685054000



Combo Set 2.5 10.8 V

- Cordless Hammer Drill PowerMaxx SB Basic
- Cordless Impact Driver PowerMaxx SSD
- Keyless chuck
- 2 Li-Power battery pack (10.8 V/2.0 Ah)
- Charger LC 40
- Plastic carry case

Order no. 685091000

18 V



Combo Set 2.6.1 18V

- Cordless Drill / Screwdriver BS 18
- Cordless Multi-Tool MT 18 LTX
- 2 Li-Power battery packs (18 V/2.0 Ah)
- Charger SC 60 Plus
- Plastic carry case

Order no. 685081000

- or with cordless impact drill SB 18 (instead of BS 18)

Combo Set 2.6.2 18 V
Order no. 685088000



Combo Set 2.4.3 18V

- Cordless Drill / Screwdriver BS 18
- Cordless Angle Grinder W 18 LTX 125 Quick
- Li-Power battery pack (18 V/2.0 Ah)
- Li-Power battery pack (18 V/4.0Ah)
- Charger SC 60 Plus
- Plastic carry case

Order no. 685082000

- or with cordless impact drill SB 18 (instead of BS 18)

Combo Set 2.4.4 18 V
Order no. 685089000



Combo Set 2.4.1 18 V

- Cordless Drill / Screwdriver BS 18 LT
- Cordless Angle Grinder W 18 LTX 125 Quick
- 2 Li-Power battery packs (18 V/4.0 Ah)
- Charger ASC 30-36 V »AIR COOLED«
- In MetaLoc IV

Order no. 685038000

- or with cordless impact drill SB 18 LT (instead of BS 18 LT)

Combo Set 2.4.2 18 V
Order no. 685039000



Combo Set 2.3.2 18V

- Cordless Drill / Screwdriver BS 18
- Cordless Combination Hammer KHA 18 LTX
- 2 Li-Power battery packs (18 V/2.0 Ah)
- Charger SC 60 Plus
- Plastic carry case

Order no. 685083000

- or with cordless impact drill SB 18 (instead of BS 18)

Combo Set 2.3.4 18 V
Order no. 685090000



Combo Set 2.3.3 18V

- Cordless Drill / Screwdriver BS 18 LT Quick
- Cordless Combination Hammer KHA 18 LTX
- »Quick« Keyless Chuck
- Quick-change bit holder »Quick«
- »Quick« quick change angle adapter
- 2 Li-Power battery packs (18 V/4.0 Ah)
- Charger ASC 30-36 V »AIR COOLED«
- MetaLoc III

Order no. 685084000

18 V LiHD

These combo sets are equipped with LiHD battery packs. This cordless generation offers you extra performance, service life and runtime. The combination of high-performance cells and new developed components ensure that maximum power is available for an extremely long time. A milestone on the way to the cordless construction site.



Combo Set 2.1.11 18 V BL LiHD
- Cordless Drill / Screwdriver BS 18 LT BL
- Cordless Impact Driver SSD 18 LTX 200 BL
- 2 LiHD battery packs (18 V/4.0 Ah)
- Charger ASC 30-36 V
- MetaLoc III

Order no. 685123000
- or with cordless hammer drill SB 18 LT BL (instead of BS 18 LT BL)

Combo Set 2.1.12 18 V BL LiHD
Order no. 685124000



Combo Set 2.1.13 18 V BL LiHD
- Cordless Drill / Screwdriver BS 18 LTX BL Q I
- Cordless Impact Driver SSD 18 LTX 200 BL
- 2 LiHD battery packs (18 V/5.5 Ah)
- Charger ASC 30-36 V
- Quick-change bit holders »Quick«
- MetaLoc III

Order no. 685125000
- or with cordless hammer drill SB 18 LTX BL Q I (instead of BS 18 LTX BL Q I)

Combo Set 2.1.14 18 V BL LiHD
Order no. 685126000



Combo Set 2.1.16 18 V BL LiHD
- Cordless Drill / Screwdriver BS 18 LT BL
- Cordless Impact Wrench SSW 18 LTX 300 BL
- 2 LiHD battery packs (18 V/4.0 Ah)
- Charger ASC 30-36 V
- MetaLoc III

Order no. 685128000
Available from September 2018



Combo Set 2.1.17 18 V BL LiHD
- Cordless Drill / Screwdriver BS 18 LTX BL Q I
- Cordless Impact Wrench SSW 18 LTX 300 BL
- 2 LiHD battery packs (18 V/5.5 Ah)
- Charger ASC 30-36 V
- Quick-change bit holders »Quick«
- MetaLoc III

Order no. 685129000
Available from September 2018



Combo Set 2.1.9 18 V BL LiHD
- Cordless Drill / Screwdriver BS 18 LT BL
- Cordless Impact Wrench SSW 18 LTX 400 BL
- Adapter 1/2" male square / 1/4" impact-proof
- 2 LiHD battery packs (18 V/4.0 Ah)
- Charger ASC 30-36 V
- MetaLoc III

Order no. 685137000
- or with cordless hammer drill SB 18 LT BL (instead of BS 18 LT BL)

Combo Set 2.1.10 18 V BL LiHD
Order no. 685138000



Combo Set 2.3.6 18 V BL LiHD
- Cordless Drill / Screwdriver BS 18 LT BL
- Cordless Combination Hammer KHA 18 LTX BL 24 Quick
- 2 LiHD battery packs (18 V/4.0 Ah)
- Charger ASC 30-36 V
- MetaLoc III

Order no. 685139000
- or with cordless hammer drill SB 18 LT BL (instead of BS 18 LT BL)

Combo Set 2.3.7 18 V BL LiHD
Order no. 685140000



Combo Set 2.3.8 18 V BL LiHD
- Cordless Drill / Screwdriver BS 18 LTX BL Q I
- Cordless Combination Hammer KHA 18 LTX BL 24 Quick
- 2 LiHD battery packs (18 V/5.5 Ah)
- Charger ASC 30-36 V
- Quick-change bit holders »Quick«
- MetaLoc III

Order no. 685120000
- or with cordless impact drill SB 18 LTX BL Q I (instead of BS 18 LTX BL Q I)

Combo Set 2.3.9 18 V BL LiHD
Order no. 685121000



Combo Set 2.4.5 18 V BL LiHD
- Cordless Drill / Screwdriver BS 18 LTX BL Q I
- Cordless Angle Grinder WB 18 LTX BL 125 Quick
- 2 LiHD battery packs (18 V/5.5 Ah)
- Charger ASC 30-36 V
- Quick-change bit holders »Quick«
- MetaLoc IV

Order no. 685094000
- or with cordless impact drill SB 18 LT BL (instead of BS 18 LT BL)

Combo Set 2.4.6 18 V BL LiHD
Order no. 685095000

Large cordless angle grinder: 230 mm, 2,400 Watt, no cable.

The world's first 230 mm cordless angle grinder offers you ultimate freedom: Thanks to the revolutionary Metabo LiHD battery pack technology we are exploring new power dimensions which were previously reserved exclusively for powerful mains-powered machines. Completely independent from the power socket you can now cut and rough grind any time and everywhere with the cordless 36 volt machines. The WPB 36 LTX BL 230 Quick is as powerful as a 2,400 watt mains-powered machine and thanks to its encapsulated brushless motor with perfected dust protection, it's extremely robust and durable.

Max. battery pack flexibility
Also available in 2x 18V

18 V ⊕ 18 V = 36 V



BRUSHLESS MOTOR

Extremely long service life even in dusty surroundings
Unique encapsulated Metabo brushless motor with optimised dust protection



WPB 36 LTX BL 230

ELECTRONIC SAFETY CLUTCH

STOP
FAST BRAKE

DEADMAN SWITCH



Uncompromising user safety
- Reduced kickback if the disc stops unexpectedly thanks to electronic safety shutdown
- Safe disc stop by means of deadman's switch and brake system
- Safe handling when cutting thanks to rotating main handle

Passes any endurance test in professional use!

You can do all this with a single battery charge:



Cutting through 11 crash barriers
Material: Sheet steel

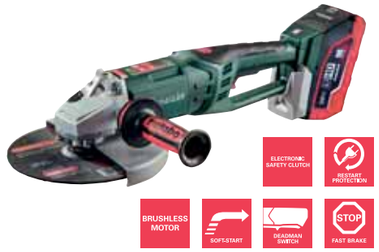


more than 75 roof tiles
Material: Roofing Tiles



more than 5 cuts - concrete slabs
Material: Concrete

36 V
2x 18 V





Technical data	Cordless Angle Grinder WPB 36 LTX BL 230	Cordless Angle Grinder WPB 36-18 LTX BL 230
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	36 V	18 V
Grinding wheel Ø	230 mm	230 mm
No-load speed	6,600 /min	6,600 /min
Spindle threads	M 14	M 14
Weight (including battery pack)	6.1 kg	6.9 kg
Scope of delivery		
Order no.	**613101** [1]	**613102** [1]
Guard	■	■
Inner support flange	■	■
Nut with two holes	■	■
Metabo VibraTech (MVT) side handle	■	■
Flat-pin spanners	■	■
2 LiHD battery packs (36 V/6.2 Ah)	■	
4 LiHD battery packs (18 V/8.0 Ah)		■
»AIR COOLED« quick charger ASC Ultra	■	
2 Quick chargers ASC Ultra »AIR COOLED«		■
Plastic carry case	■	■
MetaLoc case		■

[1] also available in 120 V (North/Latin America)

Product advantages

- 100% compatibility with the 18 Volt class: powerful 36 Volt operation with two 18 Volt battery packs from Metabo

- World's first large angle grinder (Ø 230 mm) with battery operation for powerful cutting and roughing independent from the mains power
- Widest range of application thanks to extremely large cutting depth of 77 mm
- Unique encapsulated Metabo brushless motor with optimum protection from dust provides quick work progress and the highest efficiency
- Deadman's switch for high user safety
- Fast brake system for highest user safety stops the disc within a matter of seconds after switching off
- Tool-free adjustable guard; twist-proof
- Rotating main handle: high safety and better handling when cutting
- Metabo VibraTech (MVT) side handle for vibration damping to protect the user's health
- Side handle can be mounted in three positions
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Overload protection, soft start and restart protection
- Battery packs with capacity display for checking the charge status

System components

Accessories → 130
Battery packs → 72

36 V
2x 18 V





Technical data	Cordless Combination Hammer KHA 36 LTX	Cordless Combination Hammer KHA 36-18 LTX 32
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	36 V	18 V
Max. single-impact energy (EPTA)	3.1 J	3.1 J
Maximum impact rate	4,500 /min	4,500 /min
Drill-Ø concrete with hammer drills	32 mm	32 mm
Drill-Ø masonry with core bits	68 mm	68 mm
Drill Ø steel	13 mm	13 mm
Drill-Ø soft wood	30 mm	30 mm
No-load speed	0 - 1,100 /min	0 - 1,100 /min
Bit retainer	SDS-plus	SDS-plus
Weight (including battery pack)	4.9 kg	5.8 kg
Scope of delivery		
Order no.	**600795** [1]	**600796**
Hammer chuck for tools with SDS-plus shank end	■	■
Keyless chuck for tools with cylindrical shank	■	■
Metabo VibraTech (MVT) side handle	■	■
Drilling depth guide	■	■
4 Li-Power Battery packs (18 V/8.0 Ah)		■
2 Li-Power battery packs (36 V/5.2 Ah)	■	
2 Quick chargers ASC Ultra »AIR COOLED«		■
»AIR COOLED« quick charger ASC Ultra	■	
Plastic carry case	■	
MetaLoc case		■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

- 100% compatibility with the 18 Volt class: powerful 36 Volt operation with two 18 Volt battery packs from Metabo

- Combination hammer with 3 functions: hammer drilling, drilling and chiselling
- Metabo VibraTech (MVT): working, also continuously, in a low-fatigue manner whilst protecting the user's health
- Ergonomic housing shape for chiselling tasks without side handle
- Metabo Quick: fast, tool-free chuck for working with SDS-plus and straight shank drill bits
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly
- Battery packs with capacity display for checking the charge status

System components

Accessories → 289
Battery packs → 72

36 V
2x 18 V



NEW

BRUSHLESS MOTOR · RESTART PROTECTION · SOFT-START · DUST PROTECTION



NEW

BRUSHLESS MOTOR · RESTART PROTECTION · SOFT-START · DUST PROTECTION

Technical data	Cordless Table Saw TS 36 LTX BL 254	Cordless Table Saw TS 36-18 LTX BL 254
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	36 V	18 V
Max. support surface	970 x 995 mm	970 x 995 mm
Cutting height	0 - 87 mm	0 - 87 mm
Maximum cutting height 90/45°	87 mm/50 mm	87 mm/50 mm
Maximum cutting width at parallel guide/rip fence	630 mm	630 mm
Maximum material width at mitre fence	200 mm	200 mm
No-load speed	5,000 /min	5,000 /min
Max. cutting speed	66 m/s	66 m/s
Saw Blade	Ø 254 x 30 mm	Ø 254 x 30 mm
Saw blade swivel range	-1.5 - 46.5 °	-1.5 - 46.5 °
Weight (including battery pack)	34.5 kg	34.6 kg

Scope of delivery

Order no.	613024	613025
Carbide saw blade (40 teeth)	■	■
Stand	■	■
Rubber tyres	■	■
Parallel guide / Rip fence	■	■
Mitre fence	■	■
Table length extension	■	■
Table width extension	■	■
Dust cycles	■	■
Textile dust bag	■	■
2 LiHD battery packs (36 V/6.2 Ah)	■	
4 LiHD battery packs (18 V/8.0 Ah)		■
»AIR COOLED« quick charger ASC Ultra	1	2
Fixation strap for MetaLoc	■	■
MetaLoc case	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- 100% compatibility with the 18 Volt class: powerful 36 Volt operation with two 18 Volt battery packs from Metabo

- Extremely light cordless table saw with trolley function for maximum mobility
- Powerful Metabo brushless motor for powerful sawing like with a mains-powered tool
- Integrated extraction with dust cyclone for low-dust working without vacuum cleaner
- Quick change between sawing at ground-level or when standing up thanks to integrated, folding stand
- Precisely adjustable parallel guide / rip fence with double clamping and quick fastening
- Splitting wedge can be lowered without tools for hidden cuts and transport
- MetaLoc case and attachments can be fixed at the housing for compact transport and storage

System components

Accessories → 378 | Battery packs → 72

36 V



STOP FAST BRAKE



STOP FAST BRAKE

Technical data	Cordless Hedge Trimmer AHS 36 V	Cordless Hedge Trimmer AHS 36-65 V
Type of battery pack	Li-Ion	Li-Ion
Battery pack voltage	36 V	36 V
Runtime per battery pack charge	85 min	85 min
Cutting thickness	18 mm	18 mm
Cutting strength	53 cm	63 cm
No of strokes (no load)	2,700 /min	2,700 /min
Weight (including battery pack)	3.9 kg	4.1 kg

Scope of delivery

Order no.	602177	602203
Li-Power battery pack (36 V/2.5 Ah)	■	
2 Li-Power battery packs (36 V/2.5 Ah)		■
»AIR COOLED« quick charger ASC Ultra		■
Charger ASC 30-36 V »AIR COOLED«	■	
Storage slipcase	■	■

Product advantages

- The lightest machines amongst professional hedge trimmers in the 36 V class
- Blades with special geometry generate less wear and thus deliver 200% longer service life
- Clean cut thanks to diamond-ground blade teeth on both sides at a 30° angle
- Lower safety blade for high safety at work
- Top cutting performance generated by double reduction gearing
- Pleasant to work with thanks to low-vibration running, perfect ergonomics and soft-grip handle
- Safety features include electronic blade quick stop (in 0.3 seconds)
- Trigger guard with twig feed protects user and gearing from kickbacks
- Battery packs with capacity display for checking the charge status

System components

Accessories → 575 | Battery packs → 72

Battery Packs

LiHD Battery Packs

	Battery pack voltage	Capacity of battery pack	AIR COOLED	Order no.
	**LiHD slide-on battery packs** ■ LiHD battery packs for ultimate performance and extremely long application with minimal temperature generation ■ Ultra-M technology: Intelligent battery management for long-lasting battery packs with a 3 year guarantee ■ Patented »AIR COOLED« charging technology ■ Permanent Electronic Single Cell Protection (ESCP) when charging, for particularly long life. ■ Processor-controlled charge and discharge management ■ Capacity display for permanent control of the fill level ■ No memory effect ■ Capacity display with almost no self-discharge			
NEW	18 V	4.0 Ah	■	625367000*
NEW	18 V	5.5 Ah	■	625368000*
NEW	18 V	8.0 Ah	■	625369000*
	36 V	6.2 Ah	■	625344000

Li-ion Battery Packs

	Battery pack voltage	Capacity of battery pack	AIR COOLED	Order no.
	**Li-Ion slide-on battery packs »AIR COOLED«** ■ Ultra-M technology: Intelligent battery management for long-lasting battery packs with a 3 year guarantee ■ Patented »AIR COOLED« charging technology ■ Permanent Electronic Single Cell Protection (ESCP) when charging, for particularly long life. ■ Processor-controlled charge and discharge management ■ Capacity display for permanent control of the fill level ■ No memory effect ■ Capacity display with almost no self-discharge			
	14.4 V	2.0 Ah	■	625595000*
	14.4 V	4.0 Ah	■	625590000*
	18 V	2.0 Ah	■	625596000*
	18 V	4.0 Ah	■	625591000*
	18 V	5.2 Ah	■	625592000*
	36 V	1.5 Ah	■	625453000*
	36 V	5.2 Ah	■	625529000*
	**Li-ion battery packs 10.8 V** ■ Ultra-M technology: Intelligent battery management for long-lasting battery packs with a 3 year guarantee ■ Permanent Electronic Single Cell Protection (ESCP) when charging, for particularly long life. ■ No memory effect ■ Capacity display with almost no self-discharge ■ Excellent environmental properties			
	10.8 V	2.0 Ah		625438000*
	10.8 V	4.0 Ah		625585000*
	10.8 V	5.2 Ah		625597000*
	**Li-ion battery packs 7.2 V** ■ Ultra-M technology: Intelligent battery management for long-lasting battery packs with a 3 year guarantee ■ Permanent Electronic Single Cell Protection (ESCP) when charging, for particularly long life. ■ No memory effect ■ Capacity display with almost no self-discharge ■ Excellent environmental properties			
	7.2 V	2.2 Ah		625487000*

* Self-service packaging

	Battery pack voltage	Capacity of battery pack	AIR COOLED	Order no.
	**Li-ion battery packs 25.2 V** ■ Ultra-M technology: Intelligent battery management for long-lasting battery packs with a 3 year guarantee ■ Patented »AIR COOLED« charging technology ■ Permanent Electronic Single Cell Protection (ESCP) when charging, for particularly long life. ■ Processor-controlled charge and discharge management ■ Capacity display for permanent control of the fill level ■ No memory effect ■ Capacity display with almost no self-discharge ■ Excellent environmental properties			
	25.2 V	3.0 Ah	■	625437000*

Chargers, Desktop Chargers

		Order no.
	**Charger ASC 30-36 V** ■ For charging all Li-Ion and LiHD slide-on battery packs (14.4 V - 36 V). ■ Patented »AIR COOLED« charging technology ■ Charging current 3.0 A ■ Very low stand-by input power ■ Processor-controlled charging management system Mains voltage: 230 - 240 V Mains frequency: 50 - 60 Hz	627044000*
	Desktop charger ASC multi 8 ■ Fast, parallel charging of up to eight Li-Ion and LiHD slide-on battery packs from 14.4 - 36 volts; no time loss when charging multiple batteries at once ■ Patented »AIR COOLED« charging technology for all individual battery packs for fast, safe charging ■ Robust aluminium housing with hook for space-saving wall mounting. With carry handle for mobile use ■ With a lead (680 watts) for 8 full-power charging stations with process-controlled charging management for each individual battery bay ■ Side on/off switch for the entire desktop charger ■ Charge rate: each 3.0 A Charge time: approx. 30 minutes at 1.5 Ah; approx. 80 minutes at 4.0 Ah ■ Space-saving and tidy solution, ideal for medium-sized and large industrial companies and large trade companies. ■ Easy maintenance, requiring only annual BGVa3 test for lead cable, rather than 8 tests Mains voltage: 230 - 240 V Mains frequency: 50 - 60 Hz	627291000
	**Quick charger ASC Ultra** ■ For charging all Li-Ion and LiHD slide-on battery packs (14.4 V - 36 V) ■ Patented »AIR COOLED« charging technology ■ Charging current 6.5 A ■ Very low stand-by input power ■ Processor-controlled charging management system Charge time approximately 30 minutes at 1.5 Ah; approximately 35 minutes at 4.0 Ah Mains voltage: 230 - 240 V Mains frequency: 50 - 60 Hz	627265000*
	**ASS 15 Plus Quick Charger** ■ For charging Metabo NiCd battery packs of 24-25.2 V, as well as Li-ion battery packs of 24-25.2 V (Cordless combination hammers KHA 24, cordless magnetic core drills MAG 28 LTX 32) ■ »AIR COOLED« function ■ "Refresh" function for maintenance of batteries for NiCd battery packs ■ Charging current 5 A "Refresh" function: with NiCd battery packs, the natural self-discharge can result in the cells in the battery pack having different charging levels. This means that the full battery pack capacity is no longer available for the application. If you notice such an effect, you can restore the full battery back capacity in the "Refresh" mode Mains voltage: 230 - 240 V Mains frequency: 50 - 60 Hz	627283000*

		Order no.
	**Charger LC 40** ■ For charging Li-ion battery packs 10.8 V ■ Charging current 2.3 A Mains voltage: 230 - 240 V Mains frequency: 50 - 60 Hz	627064000*
	**Charger LC 60** ■ For charging Li-ion battery packs 7.2 V ■ Charging current 2.4 A Mains voltage: 230 - 240 V Mains frequency: 50 - 60 Hz	627306000*
	**AC 30 Plus Charger** ■ For charging all old (with adapter 627075000) and new Metabo NiCd and NiMH battery packs of 4.8 V -18 V, as well as the new Li-Ion battery packs of 12 V-18 V ■ »AIR COOLED« function ■ Charging current 2.5 A Mains voltage: 230 - 240 V Mains frequency: 50 - 60 Hz	627275000*
	**Charger C 60** ■ For charging NiCd battery packs 12 V/1.7 Ah (625472000) ■ Charging current 2.2 A Mains voltage: 230 - 240 V Mains frequency: 50 - 60 Hz	627053000*
	**Charger 2 hours for Power Grip²/ PowerMaxx** ■ Especially for the Power Grip² and PowerMaxx (as spare) ■ Charging current 0.7 A Mains voltage: 230 - 240 V Mains frequency: 50 - 60 Hz	627270000*

Basic Sets Battery Packs with Charger

			Order no.
10.8 V		**Basic set 10.8 V / 2 x 2.0 Ah** 2 x battery pack 10.8 V/2.0 Ah Charger LC 40	685066000
		Basic set 10.8 V / 1 x 2.0 Ah / 1 x 5.2 Ah 1 x battery pack 10.8 V/2.0 Ah 1 x battery pack 10.8 V/5.2 Ah Charger LC 40	685067000
18 V		**Basic set 2 x 3.0 Ah** 2 x Li-Power battery pack 18 V/3.0 Ah Charger ASC 30-36 V	685107000
		Basic set 3 x 4.0 Ah 3 x Li-Power battery pack 18 V/4.0 Ah Charger ASC 30-36 V	685049000
		Basic set 2 x 4.0 Ah 2 x Li-Power battery pack 18 V/4.0 Ah Charger ASC 30-36 V	685050000
		Basic set 3 x 5.2 Ah 3 x Li-Power battery pack 18 V/5.2 Ah Charger ASC 30-36 V	685048000
		Basic set 2 x 5.2 Ah 2 x Li-Power battery pack 18 V/5.2 Ah Charger ASC 30-36 V	685051000
		Basic set 3 x 5.2 Ah ASC Ultra 3 x Li-Power battery pack 18 V/5.2 Ah Charger ASC Ultra	685061000

* Self-service packaging

			Order no.
18 V		**Basic set 3 x 4.0 Ah + Metaloc** 3 x Li-Power battery pack 18 V/4.0 Ah Charger ASC 30-36 V Metaloc II	685063000
		Basic set 2 x 4.0 Ah + Metaloc 2 x Li-Power battery pack 18 V/4.0 Ah Charger ASC 30-36 V Metaloc II	685064000
		Basic set 2 x 5.2 Ah + 4.0 Ah + Metaloc 2 x Li-Power battery pack 18 V/5.2 Ah + 18V/4.0 Ah Charger ASC 30-36 V Metaloc II	685117000
		Basic set 2 x 5.2 Ah + Metaloc 2 x Li-Power battery pack 18 V/5.2 Ah Charger ASC 30-36 V Metaloc II	685065000
		Basic set 3 x 5.2 Ah ASC Ultra + Metaloc 3 x Li-Power battery pack 18 V/5.2 Ah Charger ASC Ultra Metaloc II	685068000
		Basic set 4 x 5.2 Ah + 2 x ASC Ultra + Metaloc 4 x battery pack 18 V/5.2 Ah 2 x charger ASC Ultra Metaloc II	685106000
		Basic set 3 x 5.2 Ah + Metaloc 3 x Li-Power battery pack 18 V/5.2 Ah Charger ASC 30-36 V Metaloc II	685062000
18 V LiHD TECHNOLOGY	 NEW	**Basic set 2 x LiHD 5.5 Ah** 2 x LiHD battery packs 18 V/5.5 Ah Charger ASC 30-36 V	685122000
		Basic set 3 x LiHD 5.5 Ah 3 x LiHD battery pack 18 V/5.5 Ah Charger ASC 30-36 V	685074000
18 V LiHD TECHNOLOGY	 NEW	**Basic set 2 x LiHD 5.5 Ah + Metaloc** 2 x LiHD battery packs 18 V/5.5 Ah Quick charger ASC Ultra Metaloc II	685077000
		Basic set 3 x LiHD 4.0 Ah + Metaloc 3 x LiHD battery pack 18 V/4.0 Ah Charger ASC 30-36 Metaloc II	685133000
		Basic set 3 x LiHD 4.0 Ah 3 x LiHD battery pack 18 V/4.0 Ah Charger ASC 30-36 V	685132000
		Basic set 2 x LiHD 4.0 Ah + ASC Ultra + Metaloc 2 x LiHD battery pack 18 V/4.0 Ah Quick charger ASC Ultra Metaloc II	685130000
		Basic set LiHD 1 x 4.0 + 1 x 5.5 Ah + Metaloc 1 x LiHD battery pack 18 V/4.0 Ah + 1 x LiHD battery pack 18 V/5.5 Ah Quick charger ASC 30-36V Metaloc II	685136000
		Basic set 3 x LiHD 5.5 Ah + Metaloc 3 x LiHD battery pack 18 V/5.5 Ah Charger ASC 30-36 V Metaloc II	685069000
		Basic set 2 x LiHD 8.0 Ah + ASC Ultra + Metaloc 2 x LiHD battery pack 18 V/8.0 Ah Charger ASC Ultra Metaloc II	685131000
		Basic set 3 x LiHD 8.0 Ah + ASC Ultra + Metaloc 3 x LiHD battery pack 18 V/8.0 Ah Charger ASC Ultra Metaloc II	685134000
		Basic set 4 x LiHD 8.0 Ah + 2 x ASC Ultra + Metaloc 4 x LiHD battery pack 18 V/8.0 Ah 2 x charger ASC Ultra Metaloc II	685135000
36 V		**Basic set 2 x 36V LiHD 6.2 Ah + ASC Ultra + Metaloc** 2 x 36V LiHD battery pack 18 V/6.2 Ah Charger ASC Ultra Metaloc II	685115000

Accessories for »Quick« Drills and Drills / Screwdrivers

Accessories for »Quick« Drills and Drills/Screwdrivers

		Order no.
	**PowerX3 torque setting adapter** ■ The torque setting adapter enables the power of the tool (torque) to be tripled to handle tough jobs ■ Suitable for all Metabo cordless drills/screwdrivers, cordless hammer drills and drills with Metabo »Quick«- quick change system in combination with 43 mm collet ■ Standard equipment incl. bit (1 x TX 50) and adapter for adjusting the handle length ■ Bit retainer with 1/2" male square and 1/4" (6.35 mm) female hexagon socket Attention: Use the PowerX3 in conjunction with the following tools only and using the stipulated length of the handle depending on the torque: all cordless drill/screwdrivers and LTX »Quick« hammer drills as well as BE 75 Quick drill: 640 mm handle length; BE 1300 Quick drill: 380 mm handle length.	627256000
	**Quick-change geared chuck »Quick«** ■ Simple, fast and convenient chuck change thanks to the Metabo Quick change system ■ Impact-proof version; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5 - 13 mm ■ Suitable for all Metabo »Quick« machines	627238000*
	**Quick-change chuck Futuro Plus S 1 M, »Quick«** ■ Simple, fast and convenient chuck change thanks to the Metabo Quick change system ■ Stable version with metal sleeve; 1 sleeve; impact-resistant version; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5 - 13 mm ■ Suitable for all Metabo »Quick« machines	627240000*
	**Quick-change chuck Futuro Plus H 1 R+L, »Quick«** ■ Simple, fast and convenient chuck change thanks to the Metabo Quick change system ■ Version with metal sleeve; 1 sleeve; impact-resistant model; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.0 - 10 mm ■ Suitable for all Metabo »Quick« machines	627259000*
	**Quick-change chuck Futuro Plus H 1 R+L, »Quick«** ■ Simple, fast and convenient chuck change thanks to the Metabo Quick change system ■ Compact version with plastic sleeve; 1 sleeve; impact-resistant model; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5 - 13 mm ■ Suitable for all Metabo »Quick« machines	636608000*
	**Quick change threaded chuck M4 - M6** ■ Keyless chuck for inserting taps with square and cylindrical shanks ■ Simple, fast and convenient chuck change thanks to the Metabo Quick change system ■ Version with metal sleeve; 1 sleeve; impact-resistant model; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5-8 mm; drill chuck with square holder 3.5 mm for M4 and 5.0 mm for M6 ■ Suitable for all Metabo »Quick« machines	627235000*
	**Quick change threaded chuck M8 - M12** ■ Keyless chuck for inserting taps with square and cylindrical shanks ■ Simple, fast and convenient chuck change thanks to the Metabo Quick change system ■ Version with metal sleeve; 1 sleeve; impact-resistant model; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5-13 mm; chuck with square holder 6.0 mm for M8 and 8.1 mm for M10 and M12 ■ Suitable for all Metabo »Quick« machines	627237000*
	**Quick-change bit holder »Quick«** ■ Easy, fast and comfortable change of the bit holder thanks to Metabo quick change system »Quick« ■ Bit holder suitable for bits with 1/4" external hexagonal drive according to DIN 3126- C 6.3 and E 6.3 ■ Suitable for all Metabo »Quick« machines	627241000*
	**Quick-change angle adapter »Quick«** ■ Quick and comfortable fixing of angle adapter without tools ■ Quick spindle for fixing the quick change angle adapter 627240000 and bit holder 627241000 ■ Magnetic bit holder with 1/4" (6.35 mm) hexagonal shank ■ Suitable for forward and reverse rotation ■ Suitable for cordless machines up to a maximum of 110 Nm ■ Suitable for all Metabo »Quick« machines with collet Ø 43 mm	627242000*

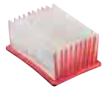
		Order no.
	**Quick-change angle adapter »Quick«** ■ Quick and comfortable fixing of angle adapter without tools ■ Quick spindle for fixing the quick change angle adapter 627240000 and bit holder 627241000 ■ Magnetic bit holder with 1/4" (6.35 mm) hexagonal shank ■ Suitable for forward and reverse rotation ■ Suitable for cordless machines up to a maximum of 100 Nm ■ Suitable for all Metabo LT »Quick« models (from year of construction 02/2013)	627077000*
	**Quick-change angle adapter »Quick«** ■ For drilling and fixing screws in hard to reach places ■ Magnetic bit holder with 1/4" (6.35 mm) hexagonal shank ■ Gears made of special steel ■ Suitable for forward and reverse rotation; up to max. 28 Nm ■ Especially for PowerMaxx BS Quick and BS 18 Quick	627261000*

Accessories for PowerGrip / PowerMaxx

		Order no.
	**Screw-type angle attachment for PowerMaxx** ■ Magnetic bit holder with 1/4" (6.35 mm) hexagonal shank ■ Gears made of special steel ■ For forward and reverse rotation; suitable for PowerMaxx to a maximum of 16 Nm For fixing screws more easily in difficult to reach locations Specially for PowerMaxx (7.2V)	630650000*
	**Geared Chucks** ■ With hexagonal shank 1/4" (6.35 mm), bit retaining bush and chuck key Clamping width 0.5 - 6.5 mm	635100000*
	**Adapter** ■ Adapter with hexagonal shank KW 6.3 and 1/2"-20 UNF ■ For inserting a chuck (e.g. 636623000) in the screw-type angle attachment for the PowerMaxx 630650000 For use in a chuck in combination with the screw-type angle attachment. Thus allowing the PowerMaxx Li to also be used as an angle drill.	625226000*
	**Screw-type angle attachment for PowerMaxx 12** ■ Magnetic bit holder with 1/4" (6.35 mm) hexagonal shank ■ Gears made of special steel ■ For forward and reverse rotation; suitable for PowerMaxx to max. 28 Nm For fixing screws more easily in difficult to reach locations Especially for PowerMaxx 12/ BS (type no. 600090; 600091; 600092)	630649000*
	**Keyless chuck Futuro Plus H1, R+L, 1-10 mm, 1/2" UNF** ■ Special design for drills with spindle stop ■ Plastic sleeve ■ Single sleeve without supporting ring Clamping width: 1 - 10 mm Female thread: 1/2" - 20 UNF External-Ø: 40 mm Length (closed): 49 mm Weight: 0.15 kg	636219000*
	**Futuro Plus H1 M keyless chuck** ■ Special design for drills with spindle stop ■ Single sleeve (without supporting ring) Clamping width: 0.8 - 6.5 mm Female thread: 1/2" - 20 UNF External-Ø: 34 mm Length (closed): 57 mm Weight: 0.14 kg	636623000*

* Self-service packaging

Accessories for Cordless Combination Hammer KHA 18 LTX BL 24 Quick

		Order no.
	**ISA 18 LTX 24 Integrated Dust Extraction** ■ Extremely light and compact dust extraction for dust-free drilling in concrete, stone and masonry ■ Simple, tool-free installation to the cordless hammer KHA 18 LTX BL 24 Quick ■ Ideal for working overhead or in areas sensible to dust ■ Health-friendly working with HEPA filter for smallest dust particles ■ Precise setting for different drilling depths and drill bit lengths ■ Tool-free replaceable suction head with low-wear brushes ■ 3 Second delay to extract the remaining dust from the drill hole ■ Transparent collection container can be emptied easily, e.g. for 160 bores Ø 6 / 40 mm ■ 100% Drilling performance with active dust extraction thanks to being driven by own motor Drill bit-Ø: 5 - 16 mm Max. drill bit length: 160 mm Rated input power: 65 W Weight: 1.1 kg Scope of delivery: replacement extraction head	631341890
	ISA 18 LTX 24 integrated dust extraction in the Metaloc	631341840
	**Extraction head set, 2 pieces for ISA 18 LTX** ■ Original suction head for highest suction performance with the ISA 18 LTX	623767000
	**HEPA fIlter for ISA 18 LTX** ■ HEPA filter for highest health protection ■ Keeps back 99.995% of fine dusts larger than 0.3 µm	623768000

Accessory for Cordless Caulking Guns

Cartridge tube

		Order no.
	**Cartridge tube** ■ Cartridge tube 400 ml incl. rack and push plate for standard foil bags and cartridges	630148000*

Accessory for Cordless Blind Rivet Gun

Chuck jaws

		Order no.
 NEW	**Chuck jaws** ■ Especially hardened chuck jaws, therefore low-wear and long service life	627355000*

Accessories for the Cordless Site Light

Tripods

		Order no.
	**Tripod for cordless site light** ■ Telescopic legs with quick locking and additional central telescopic extension ■ Stable support thanks to non-slip rubberised feet, tripod feet secured together with chains ■ Easy to transport thanks to carry strap and bag Working height: 85 cm – 173 cm Connecting thread: 5/8" Weight: 5 kg	623729000
	**Construction tripod** ■ Multi-purpose aluminium construction tripod ■ Ideal for working on the cutting check line ■ Telescopic legs with quick locking and anti-splay stop ■ Geared column with metric gauge for fine adjustment of height ■ Removable tripod head for convenient setup ■ Good stability thanks to non-slip rubber feet ■ Adapter for connecting different devices ■ Easy to transport thanks to carry strap and bag Working height: 74 cm – 192 cm Working height including extension piece: up to 265 cm Connecting thread: 1/4"+ 5/8“ Weight: 5 kg	628791000

Protective screen

		Order no.
	**Protective screen, matt** ■ Replacement protective screen for cordless site light ■ Suitable for cordless site light with order no. 602111010 and 602122850	623569000*

* Self-service packaging

M+ System: Machine and accessories perfectly synchronised for maximum performance.

Even during the development phase at Metabo, machines and accessories are optimally adjusted and tested to complement one another. Your added benefit: Maximum performance when cutting, roughing or polishing thanks to Metabo + System effect.







02



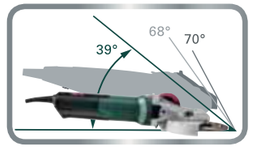




Angle Grinders
Angle Polishers

Flat-head Angle Grinders: Problem solvers in acute angles: down to 39°!

Do you need to grind fillet welds in tight angles, or clean deep root seams? No need for time-consuming work with wire brushes or designing modified tools. The flat head angle grinders of up to 1,550 Watts always help you out when it gets tight. They work quickly and safely in hard-to-reach and narrow places at angles down to 39°. This is made possible by the extremely flat gear head.



39°

Fast and safe in angles as tight as 39°
thanks to its extremely flat gear head

MARATHON MOTOR

Metabo Marathon-motor for a longer service life and added power
- Patented dust protection
- Up to 20% more overload capacity
- Up to 50 % more torque



WEPBF 15-150 Quick

2 SEC FAST BRAKE

PADDLE-SWITCH

High user safety
- Patented, mechanical disc brake
- Ergonomic paddle switch with dead man function: disc stops when released and within two seconds following loss of power

QUICK

Disc change is fast and requires no tools
with quick-locking nut



Flexiamant Super Convex CER



Flexiamant Super FKS Inox



Steel-wire wheel brush

M+ SYSTEM

Optimum results with customised accessories.

The flat-head angle grinder solves issues in tight spaces



... more quickly than die grinders



... more easily than with wire brushes



... more safely than modified tools

18 V
Ø 125 mm



43°

RESTART PROTECTION

Technical data	Cordless Flat-head Angle Grinder WF 18 LTX 125 Quick
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Minimum accessible angle	43 °
Grinding wheel Ø	125 mm
No-load speed	8,000 /min
Spindle threads	M 14
Weight (including battery pack)	2.4 kg

Scope of delivery

Order no.	601306
1 flap disc Flexiamant Super Convex (125 mm; P60)	■
Guard	■
Inner support flange	■
Quick-locking nut	■
Side handle	■
Dust protection filter	■
2 Li-Power battery packs (18 V/5.2 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■
Plastic carry case	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages
- Extremely flat gear head permits working within acute angles down to 43°
- Compact design for quick removal of welding slag, rust or paint in confined spaces e.g. frame constructions
- Low-fatigue working even on weld seams in difficult to access places thanks to slim handle
- Robust motor for long service life
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Battery pack can be swivelled for better access in hard to reach places
- Detachable dust protection filter protects motor from coarse particles
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Battery packs with capacity display for checking the charge status

System components

Accessories → 87

Battery packs → 72





Ø 125 mm

43° | MARATHON MOTOR | ELECTRONIC SAFETY CLUTCH | RESTART PROTECTION

Technical data	Flat-head Angle Grinder WEF 9-125 Quick	Flat-head Angle Grinder WEPF 9-125 Quick
Minimum accessible angle	43 °	43 °
Grinding wheel Ø	125 mm	125 mm
Rated input power	910 W	910 W
Output power	430 W	430 W
No-load speed	10,000 /min	10,000 /min
Revolutions at rated load	8,200 /min	8,200 /min
Torque	2 Nm	2 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.1 kg	2.1 kg
Cable length	4 m	4 m
Scope of delivery		
Order no.	**613060** [1] [2]	**613069** [1]
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Side handle	■	■
5 Flap discs Flexiamant Super Convex (125 mm; P60)	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Most compact flat-head angle grinder for working at acute angles down to 43°
- Particularly developed for the removal of weld slag, rust or paint in narrow frame constructions and for working in tight spaces
- Metabo Marathon-motor with patented dust protection for long service life
- Constamatic (C) Full-wave Electronics: fast work progress by means of almost constant speed under load
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic overload protection, soft start and restart protection
- Auto-stop carbon brushes to protect the motor

- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch

System components

Accessories → 87





Ø 125 mm

43° | MARATHON MOTOR | ELECTRONIC SAFETY CLUTCH | VARIO CONSTAMATIC | RESTART PROTECTION

43° | MARATHON MOTOR | ELECTRONIC SAFETY CLUTCH | RESTART PROTECTION

Technical data	Flat-head Angle Grinder WEVF 10-125 Quick Inox	Flat-head Angle Grinder WEF 15-125 Quick
Minimum accessible angle	43 °	43 °
Grinding wheel Ø	125 mm	125 mm
Rated input power	1,000 W	1,550 W
Output power	590 W	940 W
No-load speed	2,000 - 7,600 /min	11,000 /min
Revolutions at rated load	6,300 /min	11,000 /min
Torque	3.5 Nm	3.5 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.3 kg	2.7 kg
Cable length	4 m	4 m
Scope of delivery		
Order no.	**613080** [1]	**613082**
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Side handle	■	
Metabo VibraTech (MVT) side handle		■
1 flap disc Flexiamant Super Convex (125 mm; P60)	■	■
1 roughing disc Flexiamant Super FKS 60 (125x4 mm; P60)		■

[1] also available in 120 V (North/Latin America)

Product advantages

- The most easy-to-handle flat-head angle grinder with speed regulation for perfect processing of stainless steel e.g. railings and hand rails
- Thumbwheel controlled Vario-Constamatic (VC)-Full wave electronics ideal for working on materials requiring customised speeds, and at speeds which remain almost constant under load

- Powerful flat-head angle grinder for working quickly in acute angles down to 43°
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Metabo VibraTech (MVT) side handle for vibration damping to protect the user's health

- Particularly developed for the removal of weld slag, rust or paint in narrow frame constructions and for working in tight spaces
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 87

Ø 150 mm





39° MARATHON MOTOR ELECTRONIC SAFETY CLUTCH RESTART PROTECTION

39° MARATHON MOTOR ELECTRONIC SAFETY CLUTCH 2 SEC FAST BRAKE RESTART PROTECTION

Technical data	Flat-head Angle Grinder WEF 15-150 Quick	Flat-head Angle Grinder WEPBF 15-150 Quick
Minimum accessible angle	39 °	39 °
Grinding wheel Ø	150 mm	150 mm
Rated input power	1,550 W	1,550 W
Output power	940 W	940 W
No-load speed	9,600 /min	9,600 /min
Revolutions at rated load	9,600 /min	9,600 /min
Torque	3.9 Nm	3.9 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.7 kg	2.9 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	613083 [1]	613085 [1] [2]
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Metabo VibraTech (MVT) side handle	■	■
1 flap disc Flexiamant Super Convex (150 mm; P60)	■	■
1 roughing disc Flexiamant Super FKS 60 (150x4 mm; P60)	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Powerful flat-head angle grinder for working quickly in particularly acute angles down to 39°
- Particularly developed for the removal of weld slag, rust or paint in narrow frame constructions and for working in tight spaces
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Metabo VibraTech (MVT) side handle for vibration damping to protect the user's health
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
- Fastest brake system for highest user safety: patented, mechanical disc brake stops the disc within 2 seconds after switching off, even in the event of a power cut

System components

Accessories → 87

Grinding discs



Quality class A46-P »Flexiamant Super FKS« Inox

- Special grinding disc for processing fillet welds in stainless steel and steel, thanks to a high finish quality. Other application examples: Processing of weld seams, deburring, grinding of corners and edges
- Particularly suited for front facing working with the Metabo flat-head angle grinders
- Clean cut with high material removal ensures excellent cutting output
- Different grain levels can be selected - additional fine grinding can consequently be omitted
- The grinding disc has a sectioned rim, therefore best-suited for the individual processing of the material
- Suitable for rust and acid resistant steels (V2A, NIrosta, INOX), highly solid, high-alloy steels, hardened steels, construction steels, grey cast iron
- Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %)/hardness: medium
- Maximum working speed 80 m/s

Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
A 46 P / 40	125 x 4 x 22.23		12,200	1/10	616197000
A 46 P / 60	125 x 4 x 22.23		12,200	1/10	616198000
A 46 P / 40	150 x 4 x 22.23		10,200	1/10	616199000
A 46 P / 60	150 x 4 x 22.23		10,200	1/10	616200000

Flap discs

	Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.



Quality class zirconia alumina »Flexiamant Convex«

- Specially shaped flap disc with lamellae that are rounded off towards the outer edges.
- Grinding media: Zirconia alumina
- Thanks to the special design it is particularly suited for processing fillet welds; making faster and more efficient processing possible; also suitable for surface grinding
- High material removal with very high tool life thanks to the use of zirconia alumina
- Suitable for processing stainless steel and steel
- Uniform grinding result, comfortable grinding with only low vibration
- Maximum working speed 80 m/s

125 x 22.23	P 40		12,200	1/10	626462000
125 x 22.23	P 60		12,200	1/10	626463000
125 x 22.23	P 80		12,200	1/10	626464000
150 x 22.23	P 40		10,200	1/10	626490000
150 x 22.23	P 60		10,200	1/10	626491000
150 x 22.23	P 80		10,200	1/10	626492000



Quality class ceramic »Flexiamant Super Convex«

- Specially shaped flap disc with lamellae that are rounded off towards the outer edges.
- Thanks to the special design it is particularly suited for processing fillet welds; making faster and more efficient processing possible; also suitable for surface grinding
- Very high material removal with very high tool life thanks to the use of ceramic grain.
- Cool cut for materials with poor thermal conduction
- For grinding of steel and stainless steel. Ideal for extreme grinding jobs like processing high-alloy steels, titanium alloys, nickel-based alloys as well as chromium and chromium-nickel steels, brass and bronze thanks to high load capacity.
- Uniform grinding result, comfortable grinding with only low vibration
- Maximum working speed 80 m/s

125 x 22.23	P 60		12,200	1/10	626460000
125 x 22.23	P 80		12,200	1/10	626461000
150 x 22.23	P 60		10,200	1/10	626488000
150 x 22.23	P 80		10,200	1/10	626489000

Flap wheels

Diameter mm	Thickness mm	Female thread	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
 **Quality class ceramic »Flexiamant Super«** ■ Flap wheel with straight profiled lamellae, particularly suited for processing fillet welds. The profiled lamellae, arranged radially in the shape of a fan, adapt exceptionally well to the contours of the work piece. Ideally suited for an even and smooth weld seam. Thanks to the offset shape it can also be used at hard to reach places. ■ High material removal with high tool life thanks to the use of ceramic grain. ■ Excellent results for surface and edge grinding of steel and stainless steel. Ideal for extreme grinding jobs like processing high-alloy steels, titanium alloys, nickel-based alloys as well as chromium and chromium-nickel steels, brass and bronze thanks to high load capacity. ■ Cool cut for materials with poor thermal conduction ■ Maximum speed: 10,000 rpm							
125	8	M 14	P 40		10,000	1/5	**626470000**
125	8	M 14	P 60		10,000	1/5	**626471000**
125	8	5/8 "	P 40		10,000	1/5	**626486000**
125	8	5/8 "	P 60		10,000	1/5	**626487000**

Fleece compact grinding discs »Unitized« - VKS-ZK



- Several layers of pressed fleece material, soaked with resin-bonded abrasive grain (zirconia alumina)
- The addition of abrasive grain covers a range of applications from deburring to soft and flexible finishing jobs. It is suited for deburring, smoothing of weld seams, precise cleaning and finishing of surfaces.
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels
- Profiling of the grinding media possible for precise working. Very low roughing of the processed material.
- Bore 22.23 mm (for angle grinder)
- Max. 10,000 rpm; recommended speed: 3,000 rpm

Diameter x thickness x bore mm	Grit	Sales unit / packing unit	Order no.
125 x 6 x 22.23	Coarse	1/5	**626482000**
125 x 6 x 22.23	medium	1/5	**626483000**

Steel-wire wheel brushes, twisted steel, pipeline



- Specially developed for the professional processing of U and V-weld seams in pipeline construction, as well as for root weld seam preparation
- Edging type: twisted steel wire
- Thickness of plait: 6.0 mm

Diameter mm	Bore Ø	Wire thickness	Maximum speed /min	Sales unit / packing unit	Order no.
125	22.23	0.50 mm	12,500	1/1	**626815000***
150	22.25	0.50 mm	10,000	1/1	**626816000***

Cutting blade guards

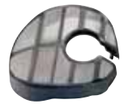
		Order no.
	**Cutting blade guard 125 mm** For working with cutting discs, diameter: 125 mm diameter, suitable for the flat-head angle grinders WEF 9-125 / WF 18 LTX 125, WEPF 9-125 Quick / WPF 18 LTX 125 Grinding disc Ø: 125 mm	**630355000**

* Self-service packaging

		Order no.
	**Cutting blade guard 125 mm** For working with cutting discs, diameter: 125 mm, suitable for the flat-head angle grinder WEF 15-125 Quick, WEVF 10-125 Quick, WEVF 10-125 Quick Inox Grinding disc Ø: 125 mm	**630372000**
	**Cutting blade guard 150 mm** For working with cutting discs, diameter: 150 mm, suitable for the flat-head angle grinder WEF 15-150 Quick, WEPF 15-150 Quick, WEPBF 15-150 Quick Grinding disc Ø: 150 mm	**630378000**

Dust protection filters

- Filter against coarse particles or chips for longer service life of the machine when working e.g. with ceramic fibre, roughing or cutting discs or polishing with lambswool
- Easy and fast cleaning thanks to exterior metal grid without disturbing connecting ribs
- Tool-free assembly and disassembly

		Order no.
	**Dust protection filter for all angle grinders W...12..., WE...15..., WE...17... standard (not paddle, not RT)**	**630709000***
	**Dust protection filter for all angle grinders WP...12..., WEP...15..., WEP...17... with paddle switch**	**630792000***

Multi-position handle

		Order no.
	**Multi-positioning for side handle** ■ The 180° handle permits variable individual adjustment of the side handle position for ergonomic, low-fatigue working e.g. for cutting jobs or for left-handed users ■ The side handle can be adjusted without tools for changing working positions ■ The robust hexagon shape permits folding the side handle to the rear for safe, two-handed operation in confined spaces ■ Suitable for W..9-1..; except: WEF 9-125 WEV 10-125; W..12-1..; WE15-1..; WE..17-1..; W..8-1..; WE9-125; W..11-1..; WEQ 1400-125; WE14-1..; WEVF 10-1..; WE..F 15-1..; WE..19-180.. ■ Not suitable for: WP 1200-125 RT, WEV 1500-125 RT, WE 1500-125 RT, WE 1500-150 RT 	**627362000**
	**Front handle WS** ■ Front handle with ideal ergonomics, e.g. for surface grinding with fibre discs, light polishing work with diamond cup wheels etc. ■ Suitable for Metabo angle grinders W..9..; WE 10..; W..12..; WE 15..; WE 17.. ■ Not suitable for: WP 1200-125 RT, WEV 1500-125 RT, WE 1500-125 RT, WE 1500-150 RT	**623262000**

The brushless, cordless compact angle grinder: Powerful and long-lasting.

The cordless angle grinders from Metabo impress with excellent cordless technology combined with impressive performance. The interaction of encased brushless motor and the new LiHD battery pack technology make the new cordless compact angle grinder the strongest and most enduring machine of its kind.

Smallest handle circumference of only 165 mm
for low-fatigue working and safe ergonomic fit

Unique encased Metabo brushless motor
with optional dust protection for quick work progress and highest efficiency

BRUSHLESS MOTOR

ELECTRONIC SAFETY CLUTCH

Electronic safety shutdown
reduces kickback if the disc stops unexpectedly - for high user safety.

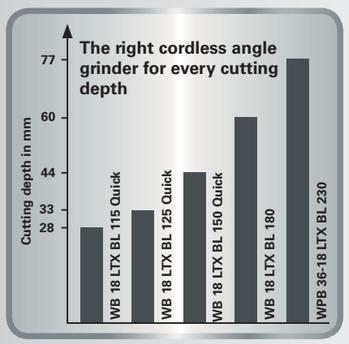


Rotating battery pack allows you to get into tight spaces
Permits comfortable and practical working for a range of applications and especially in hard to reach places.

STOP FAST BRAKE

Fastest brake system with safety spindle for highest user protection
stops the disc in a matter of seconds after switching off.

WB 18 LTX BL 180





With a single battery pack charge: Separate 40 roof tiles
WB 18 LTX 180 with LiHD 8.0 Ah



With a single battery pack charge: 28 cuts in steel tube (Ø 57 x 2.9 mm)
WB 18 LTX 180 with LiHD 8.0 Ah

18 V
Ø 115 mm
Ø 125 mm





Technical data	Cordless Angle Grinder W 18 LTX 115 Quick	Cordless Angle Grinder W 18 LTX 125 Quick
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Grinding wheel Ø	115 mm	125 mm
No-load speed	8,000 /min	8,000 /min
Spindle threads	M 14	M 14
Weight (including battery pack)	2.4 kg	2.4 kg
Scope of delivery		
Order no.	**602170**	**602174**
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Side handle	■	■
Dust protection filter	■	■
2 Li-Power battery packs (18 V/5.2 Ah)		■
Charger ASC 30-36 V »AIR COOLED«		■
Plastic carry case		■
MetaLoc case insert	■	
without battery pack, without charger	■	

Product advantages

- Slim design for prolonged comfort when working overhead or in areas with limited space
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Battery pack can be swivelled for better access in hard to reach places
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Detachable dust protection filter protects motor from coarse particles
- Battery packs with capacity display for checking the charge status

System components

Accessories → 130 | Battery packs → 72

18 V
Ø 125 mm





Technical data	Cordless Angle Grinder W 18 LTX 125 Quick Inox	Cordless Angle Grinder WP 18 LTX 125 Quick
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Grinding wheel Ø	125 mm	125 mm
No-load speed	5,000 /min	8,000 /min
Spindle threads	M 14	M 14
Weight (including battery pack)	2.4 kg	2.4 kg

Scope of delivery

Order no.	600174	613072
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Side handle	■	■
Dust protection filter	■	■
without battery pack, without charger	■	■

Product advantages

- Speed and torque configured precisely for stainless steel processing ensuring a cool grinding action with perfect finish
- Slim design for prolonged comfort when working overhead or in areas with limited space
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Battery pack can be swivelled for better access in hard to reach places
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Detachable dust protection filter protects motor from coarse particles

- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch

System components

Accessories → 130

Battery packs → 72

18 V
Ø 125 mm





Technical data	Cordless Angle Grinder WB 18 LTX BL 125 Quick	Cordless Angle Grinder WPB 18 LTX BL 125 Quick
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Grinding wheel Ø	125 mm	125 mm
No-load speed	9,000 /min	9,000 /min
Spindle threads	M 14	M 14
Weight (including battery pack)	2.7 kg	2.8 kg

Scope of delivery

Order no.	613077	613075
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Side handle	■	■
Dust protection filter	■	■
2 LiHD battery packs (18 V/5.5 Ah)	■	■
Charger ASC 30-36 V »AIR COOLED«	■	■
Plastic carry case	■	■

Product advantages

- Unique encapsulated Metabo brushless motor with optimum protection from dust provides quick work progress and the highest efficiency
- Slim design for prolonged comfort when working overhead or in areas with limited space
- Fast brake system with safety spindle for highest user safety: stops the disc within 2 seconds after switching off and prevents the nut from coming loose during the braking process
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Battery pack can be swivelled for better access in hard to reach places
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Detachable dust protection filter protects motor from coarse particles
- Battery packs with capacity display for checking the charge status

System components

Accessories → 130

Battery packs → 72

18 V
Ø 150 mm
Ø 180 mm







Technical data	Cordless Angle Grinder W 18 LTX 150 Quick	Cordless Angle Grinder WB 18 LTX BL 150 Quick	Cordless Angle Grinder WB 18 LTX BL 180
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V	18 V
Grinding wheel Ø	150 mm	150 mm	180 mm
No-load speed	8,000 /min	9,000 /min	8,200 /min
Spindle threads	M 14	M 14	M 14
Weight (including battery pack)	2.4 kg	2.6 kg	2.6 kg

Scope of delivery

Order no.	600404	613078	613087
Clip for cut-off guard	■		
Guard	■	■	■
2 Flexiarapid Inox cutting discs (150x1.6x22.2 mm)	■		
Inner support flange	■	■	■
Nut with two holes			■
Quick-locking nut	■	■	
Side handle	■	■	■
Dust protection filter	■	■	■
Flat-pin spanners			■
2 Li-Power battery packs (18 V/5.2 Ah)	■		
Charger ASC 30-36 V »AIR COOLED«	■		
Plastic carry case	■		
MetaLoc case			■
without battery pack, without charger		■	■

Product advantages

- Metabo Quick for tool-free disc change by means of a quick-locking nut

- Unique encapsulated Metabo brushless motor with optimum protection from dust provides quick work progress and the highest efficiency
- Fast brake system for highest user safety stops the disc within a matter of seconds after switching off
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety

- Same cutting depth like a large mains angle grinder with Ø 230 mm; ideal for cutting jobs on the roof

- Slim design for prolonged comfort when working overhead or in areas with limited space
- Tool-free adjustable guard; twist-proof
- Battery pack can be swivelled for better access in hard to reach places
- Detachable dust protection filter protects motor from coarse particles
- Overload protection, soft start and restart protection
- Battery packs with capacity display for checking the charge status

System components

Accessories → 130

Battery packs → 72

2x 18 V
36 V
Ø 230 mm





Technical data	Cordless Angle Grinder WPB 36-18 LTX BL 230	Cordless Angle Grinder WPB 36 LTX BL 230
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	36 V
Grinding wheel Ø	230 mm	230 mm
No-load speed	6,600 /min	6,600 /min
Spindle threads	M 14	M 14
Weight (including battery pack)	6.9 kg	6.1 kg

Scope of delivery

Order no.	613102 [1]	613101 [1]
Guard	■	■
Inner support flange	■	■
Nut with two holes	■	■
Metabo VibraTech (MVT) side handle	■	■
Flat-pin spanners	■	■
2 LiHD battery packs (36 V/6.2 Ah)		■
4 LiHD battery packs (18 V/8.0 Ah)	■	
»AIR COOLED« quick charger ASC Ultra		■
2 Quick chargers ASC Ultra »AIR COOLED«	■	
Plastic carry case	■	■
MetaLoc case	■	

[1] also available in 120 V (North/Latin America)

Product advantages

- 100% compatibility with the 18 Volt class: powerful 36 Volt operation with two 18 Volt battery packs from Metabo

- World's first large angle grinder (Ø 230 mm) with battery pack operation for powerful cutting and roughing independent from the mains power
- Widest range of application thanks to extremely large cutting depth of 77 mm
- Unique encapsulated Metabo brushless motor with optimum protection from dust provides quick work progress and the highest efficiency
- Deadman's switch for high user safety
- Fast brake system for highest user safety stops the disc within a matter of seconds after switching off
- Tool-free adjustable guard; twist-proof
- Rotating main handle: high safety and better handling when cutting
- Metabo VibraTech (MVT) side handle for vibration damping to protect the user's health
- Side handle can be mounted in three positions
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Overload protection, soft start and restart protection
- Battery packs with capacity display for checking the charge status

System components

Accessories → 130

Battery packs → 72

Angle Grinders

Overview of product benefits

	Model	Ø100 mm / 4"	Ø115 mm / 4,5"	Ø125 mm / 5,0"	Ø150 mm / 6,0"	Rated input power	Particular product advantages	Model	Marathon motor	S-automatic safety clutch: minimises kickback	Electronic safety shutdown: reduces kickback	Tool-free disc change	Tool-free adjustable guard	MVT side handle	Constant electronics	Soft start	Restart protection	Overload protection	Adjustable speed	Integrated auto-balancer	Disc brake	Switch with deadmans function
									Equipment													
850 W series - the professional entry level																						
	**W 750-1....**		■	■		750 W		**W 750-1....**									■*					
	W 850-1....		■	■		850 W		**W 850-1....**									■*					
	WP 850-1....		■	■		850 W		**WP 850-1....**														■
900 W series - the most compact ones																						
	**W 9-1....**	■	■	■		900 W	**Particularly handy**	**W 9-1....**	■	■							■*					
	WP 9-1....	■				900 W	**Particularly handy**	**WP 9-1....**	■	■			■									■
	W 9-1.... Quick		■	■		900 W	**Particularly handy**	**W 9-1.... Quick**	■	■		■	■				■*					
	WP 9-1.... Quick		■	■		900 W	**Particularly handy**	**WP 9-1.... Quick**	■	■		■	■									■
1,100 W series – the flexible ones also with adjustable speed																						
	**WEA 10-125 Quick**			■		1,000 W	**Lowest vibrations, particularly handy**	**WEA 10-125 Quick**	■	■		■	■		C	■	■	■		■		
	WEV 10-125 Quick			■		1,000 W	**Adjustable speed, particularly handy**	**WEV 10-125 Quick**	■	■		■	■		VC	■	■	■	■			
	W 1100-1....		■	■		1,100 W		**W 1100-1....**									■*					
1,250 W series - the endurance pros																						
	**WP 1200-1.... RT**		■	■		1,200 W	**Ergonomic soft handle**	**WP 1200-1.... RT**					■									■
	W 12-1.... Quick			■	■	1,250 W		**W 12-1.... Quick**	■	■		■	■	■			■*					
	W 12-125 HD			■		1,250 W	**High torque and robust aluminium flange for processing stone**	**W 12-125 HD**	■	■			■	■			■*					
	WP 12-1.... Quick		■	■	■	1,250 W		**WP 12-1.... Quick**	■	■		■	■	■								■
	WPB 12-1.... Quick			■	■	1,250 W	**High user safety**	**WPB 12-1.... Quick**	■	■		■	■	■							■	■
	WA 12-125 Quick			■		1,250 W	**Lowest vibrations**	**WA 12-125 Quick**	■	■		■	■	■			■*			■		
	WBA 12-125 Quick			■		1,250 W	**High user protection, lowest vibrations**	**WBA 12-125 Quick**	■	■		■	■	■			■*			■	■	
1,550 W series - the power packs																						
	**WE 1500-1.... RT**			■	■	1,500 W	**Ergonomic soft handle**	**WE 1500-1.... RT**			■		■		TC	■	■					
	WE 15-1.... Quick			■	■	1,550 W		**WE 15-1.... Quick**	■	■		■	■	■	TC	■	■	■				
	WE 15-125 HD			■		1,550 W	**High torque and robust aluminium flange for processing stone**	**WE 15-125 HD**	■	■			■	■	TC	■	■	■				
	WEP 15-1.... Quick			■	■	1,550 W		**WEP 15-1.... Quick**	■	■		■	■	■	TC	■	■	■				■
	WEA 15-125 Quick			■		1,550 W	**Lowest vibrations**	**WEA 15-125 Quick**	■	■		■	■	■	TC	■	■	■		■		
1,550 W series - the specialists with adjustable speed																						
	**WEV 1500-125 RT**			■		1,500 W	**Ergonomic soft handle**	**WEV 1500-125 RT**			■		■		VTC	■	■		■			
	WEV 15-1.... Quick			■	■	1,550 W		**WEV 15-1.... Quick**	■	■		■	■	■	VTC	■	■	■	■			
	WEVA 15-1.... Quick			■	■	1,550 W	**Lowest vibrations**	**WEVA 15-1.... Quick**	■	■		■	■	■	VTC	■	■	■	■	■		
	WEV 15-125 Quick HT			■		1,550 W	**High torque for processing stone**	**WEV 15-125 Quick HT**	■	■		■	■	■	VTC	■	■	■	■			
	WEV 15-125 Quick Inox			■		1,550 W	**Very high torque for the perfect stainless steel finish**	**WEV 15-125 Quick Inox**	■	■		■	■	■	VTC	■	■	■	■			
1,700 W series – the productivity geniuses																						
	**WE 17-1.... Quick RT**			■	■	1,750 W		**WE 17-1.... Quick RT**	■	■		■	■	■	TC	■	■					
	WE 17-125 Quick			■		1,700 W		**WE 17-125 Quick**	■	■		■	■	■	TC	■	■	■				
	WEV 17-125 Quick RT			■		1,750 W	**Adjustable speed**	**WEV 17-125 Quick RT**	■	■		■	■	■	VTC	■	■		■			
	WEV 17-125 Quick Inox RT			■		1,750 W	**High torque and adjustable speed for working with stainless steel**	**WEV 17-125 Quick Inox RT**	■	■		■	■	■	VTC	■	■		■			
	WEV 17-125 Quick			■		1,700 W	**Adjustable speed**	**WEV 17-125 Quick**	■	■		■	■	■	VTC	■	■	■	■			

■* Depends on countries

Angle Grinders

Overview of product benefits

	Model	Ø125 mm / 5,0"	Ø150 mm / 6,0"	Ø180 mm / 7,0"	Rated input power	Particular product advantages	Model	Marathon motor	S-automatic safety clutch: minimises kickback	Electronic safety shutdown: reduces kickback	Tool-free disc change	Tool-free adjustable guard	MVT side handle	Constant electronics	Soft start	Restart protection	Overload protection	Adjustable speed	Integrated auto-balancer	Disc brake	Switch with deadmans function
								Equipment													
1,700 W series – the productivity geniuses																					
	**WEP 17-150 Quick**		■		1.700 W		**WEP 17-150 Quick**	■	■		■	■	■	TC	■	■	■				■
	WEA 17-1.... Quick	■	■		1.700 W	**Lowest vibrations**	**WEA 17-1.... Quick**	■	■		■	■	■	TC	■	■	■		■		
	WEBA 17-125 Quick	■			1.700 W	**High user protection, lowest vibrations**	**WEBA 17-125 Quick**	■	■		■	■	■	TC	■	■	■		■	■	
	WEPBA 17-1.... Quick RT	■	■		1.750 W	**High user protection, lowest vibrations**	**WEPBA 17-1.... Quick RT**	■	■		■	■	■	TC	■	■			■	■	■
	WEPBA 17-1.... Quick	■	■		1.700 W	**High user protection, lowest vibrations**	**WEPBA 17-1.... Quick**	■	■		■	■	■	TC	■	■	■		■	■	■
1,900 W series – the most productive lightweights																					
	**WE 19-180 Quick RT**			■	1.900 W		**WE 19-180 Quick RT**	■	■		■	■	■	TC	■	■					
	WEA 19-180 Quick RT			■	1.900 W	**High user protection, lowest vibrations**	**WEA 19-180 Quick RT**	■	■		■	■	■	TC	■	■			■		
	WEPBA 19-180 Quick RT			■	1.900 W	**High user protection, lowest vibrations**	**WEPBA 19-180 Quick RT**	■	■		■	■	■	TC	■	■			■	■	■

	Model	Ø 180 mm / 7,0"	Ø 230 mm / 9,0"	Rated input power	Particular product advantages	Model	Marathon-Motor	Electronic safety shutdown: reduces kickback	Tool-free disc change	Tool-free adjustable guard	MVT side handle	MVT damping system	Soft start	Restart protection	Overload protection	Integrated auto-balancer	Switch with deadmans function	Rotating main handle	Side handle can be mounted in three positions
							Equipment												
2,200 W series – the powerful entry level																			
	**W 22-..... MVT**	■	■	2.200 W		**W 22-..... MVT**	■			■	■	■					■*	■	■
	WE 22-..... MVT	■	■	2.200 W		**WE 22-..... MVT**	■	■		■	■	■	■	■	■		■*	■	■
	WE 22-230 MVT Quick		■	2.200 W		**WE 22-230 MVT Quick**	■	■	■	■	■	■	■	■	■			■	■
2,400 W series – the reliable work horses																			
	**W 24-..... MVT**	■	■	2.400 W		**W 24-..... MVT**	■			■	■	■					■*	■	■
	WE 24-..... MVT	■	■	2.400 W		**WE 24-..... MVT**	■	■		■	■	■	■	■	■		■*	■	■
	WE 24-..... MVT Quick		■	2.400 W		**WE 24-..... MVT Quick**	■	■	■	■	■	■	■	■	■		■*	■	■
	WEA 24-..... MVT Quick	■	■	2.400 W	**Lowest vibrations**	**WEA 24-..... MVT Quick**	■	■	■	■	■	■	■	■	■	■	■*	■	■
2,600 W series – the most powerful long-runners																			
	**W 26-..... MVT**	■	■	2.600 W		**W 26-..... MVT**	■			■	■	■					■*	■	■
	WE 26-..... MVT Quick		■	2.600 W		**WE 26-..... MVT Quick**	■	■	■	■	■	■	■	■	■		■*	■	■
	WEA 26-..... MVT Quick		■	2.600 W	**Lowest vibrations**	**WEA 26-..... MVT Quick**	■	■	■	■	■	■	■	■	■	■	■*	■	■

■* depends on model variant

The compact angle grinders without limits: Ultimate power – unmatched endurance.

We listened closely to what is important with regard to cutting and roughing. From now on you will define the limit - not your tool. Don't be afraid to challenge our power packs of up to 1,900 Watts: Our angle grinders go on and on, with high torque and maximum overload capacity – and impress with their perfect ergonomics. Maximum power has never been this compact.

S-AUTOMATIC SAFETY CLUTCH

Minimal kick-back – maximum control
Metabo S-automatic mechanical safety clutch for lowest kick-back when the disc is jammed

M-QUICK

Fsast, tool-free disc change
with M-Quick flange nut at the push of a button

MARATHON MOTOR

Metabo Marathon-motor for a longer service life and added ventilation



DROP SECURITY RING

Safe working at heights
thanks to anti-fall guard

AUTOBALANCER

MVT

Low-fatigue roughing
- thanks to integrated Autobalancer
- thanks to Metabo VibraTech (MVT) side handle

For 50% less vibration and lower costs, thanks to half the consumption of discs

2 SEC FAST BRAKE

PADDLE-SWITCH

High user safety
- Ergonomic paddle switch with dead man function
- Patented, mechanical disc brake

WEPBA 17-125 Quick DS

Longer service life



The dust protection filter keeps larger shavings away – perfect for working with ceramic fibre discs

For applications of maximum hardness



The perfect choice for all applications – all models up to 1,900 Watts

Control in constrained situations



Multi-position handle means the handle position can be infinitely variable

The Metabo Marathon-motor: High-performance in the most demanding of applications.

The Metabo Marathon-motor, with patented dust protection, goes beyond previously known limits in terms of power, productivity and service life in extreme situations. With up to 20% more high overload capacity and 50% more torque, it perseveres without stopping when others are left behind. Marathon-motors are built in our factory in Germany: 100% "made in Germany".

MARATHON MOTOR

Developed for long service life in extreme applications

Increased robustness by virtue of additional protection against aggressive dusts:
- Flow-optimised dust protection cage accelerates dust particles from the machine
- New epoxy resin powder around the field coil
- 30% more abrasion protection resin at the rotor winding

2x LONGER LIFETIME NEW CARBON BRUSH SYSTEM

Less wear and lower costs thanks to the new carbon brush system:

- 100% longer service life
- For all Metabo angle grinders with 1,550, 1,700 and 1,900 Watts
- Longest overall service life compared to the competition



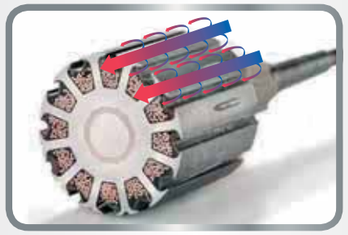
Made in Germany

Perfect ergonomics and control

Patented field coil technology permits more power in reduced design
- for highest power density in any class
- for low-fatigue and safe working
- for the **first 1,700 Watt angle grinder** with the power of a large grinder and the **compactness of a small one**

Maximum productivity at 1,900 Watts

New 1,900W armature with more efficient cooling for even more high overload capacity in extreme situations and a longer motor life.



- Blades circulate the air
- Air turbulence absorbs the heat better



- More compact copper arrangement
- Less insulating resin in the gaps
- Significantly better motor-cooling

Ø 100 mm





MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · PADDLE-SWITCH

Technical data	Angle Grinder W 9-100	Angle Grinder WP 9-100
Grinding wheel Ø	100 mm	100 mm
Rated input power	900 W	900 W
Output power	550 W	550 W
No-load speed	10,500 /min	10,500 /min
Revolutions at rated load	7,500 /min	7,500 /min
Torque	2.5 Nm	2.5 Nm
Spindle threads	M 10	M 10
Weight (without mains cable)	2 kg	2.1 kg
Cable length	2.5 m	4 m

Scope of delivery

Order no.	600350	600386
Guard	■	■
Inner support flange	■	■
Nut with two holes	■	
M-Quick flange nut		■
Side handle	■	■
Flat-pin spanners	■	

Product advantages

- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch

- Low fatigue as never before: compact angle grinder with smallest handle circumference in its class for perfect ergonomics
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tool-free adjustable guard; twist-proof
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Ø 115 mm







RESTART PROTECTION · RESTART PROTECTION · PADDLE-SWITCH

Technical data	Angle Grinder W 750-115	Angle Grinder W 850-115	Angle Grinder WP 850-115
Grinding wheel Ø	115 mm	115 mm	115 mm
Rated input power	750 W	850 W	850 W
Output power	450 W	530 W	530 W
No-load speed	11,000 /min	11,000 /min	11,000 /min
Revolutions at rated load	7,000 /min	7,000 /min	7,000 /min
Torque	1.7 Nm	1.9 Nm	1.9 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	1.8 kg	2 kg	1.9 kg
Cable length	2.5 m	2.5 m	2.5 m

Scope of delivery

Order no.	601230 [1] [2]	601232 [1]	601234 [1] [2]
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■	■	■
Side handle	■	■	■
Flat-pin spanners	■	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Restart protection after power interruption
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated switch

- Robust, universal and economical: ergonomic angle grinder for any application
- Powerful motor with good overload capacity
- Twist-proof guard
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130







Ø 115 mm

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

Technical data	Angle Grinder W 9-115	Angle Grinder W 9-115 Quick	Angle Grinder WP 9-115 Quick
Grinding wheel Ø	115 mm	115 mm	115 mm
Rated input power	900 W	900 W	900 W
Output power	550 W	550 W	550 W
No-load speed	10,500 /min	10,500 /min	10,500 /min
Revolutions at rated load	7,500 /min	7,500 /min	7,500 /min
Torque	2.5 Nm	2.5 Nm	2.5 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.1 kg	2.1 kg	2.1 kg
Cable length	2.5 m	4 m	4 m

Scope of delivery

Order no.	600354 [1] [2]	600371 [1]	600380 [1]
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■		
M-Quick flange nut		■	■
Side handle	■	■	■
Flat-pin spanners	■		

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Restart protection after power interruption
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Low fatigue as never before: compact angle grinder with smallest handle circumference in its class for perfect ergonomics
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tool-free adjustable guard; twist-proof
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130







Ø 125 mm

RESTART PROTECTION · RESTART PROTECTION · PADDLE-SWITCH

Technical data	Angle Grinder W 750-125	Angle Grinder W 850-125	Angle Grinder WP 850-125
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	750 W	850 W	850 W
Output power	450 W	530 W	530 W
No-load speed	11,000 /min	11,000 /min	11,000 /min
Revolutions at rated load	7,000 /min	7,000 /min	7,000 /min
Torque	1.7 Nm	1.9 Nm	1.9 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	1.8 kg	2 kg	1.9 kg
Cable length	2.5 m	2.5 m	2.5 m

Scope of delivery

Order no.	601231	601233 [1]	601235
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■	■	■
Side handle	■	■	■
Flat-pin spanners	■	■	■

[1] also available in 120 V (North/Latin America)

Product advantages

- Restart protection after power interruption
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated switch
- Robust, universal and economical: ergonomic angle grinder for any application
- Powerful motor with good overload capacity
- Twist-proof guard
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130







Ø 125 mm

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH

Technical data	Angle Grinder W 9-125	Angle Grinder W 9-125 Quick	Angle Grinder WP 9-125 Quick
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	900 W	900 W	900 W
Output power	550 W	550 W	550 W
No-load speed	10,500 /min	10,500 /min	10,500 /min
Revolutions at rated load	7,500 /min	7,500 /min	7,500 /min
Torque	2.5 Nm	2.5 Nm	2.5 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.1 kg	2.1 kg	2.1 kg
Cable length	2.5 m	4 m	4 m

Scope of delivery

Order no.	600376 [1]	600374 [1]	600384 [1] [2]
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■		
M-Quick flange nut		■	■
Side handle	■	■	■
Flat-pin spanners	■		

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Restart protection after power interruption
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Low fatigue as never before: compact angle grinder with smallest handle circumference in its class for perfect ergonomics
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tool-free adjustable guard; twist-proof
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130







Ø 125 mm

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · VARIO CONSTAMATIC · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · AUTOBALANCER · RESTART PROTECTION

DEADMAN SWITCH

Technical data	Angle Grinder WEV 10-125 Quick	Angle Grinder WEA 10-125 Quick	Angle Grinder WP 1200-125 RT
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	1,000 W	1,000 W	1,200 W
Output power	590 W	590 W	720 W
No-load speed	2,800 - 10,500 /min	10,500 /min	11,000 /min
Revolutions at rated load	8,800 /min	8,800 /min	7,000 /min
Torque	2.7 Nm	2.7 Nm	3.2 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.1 kg	2.1 kg	2.4 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	600388 [1] [2]	600389	601240 [1] [2]
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes			■
M-Quick flange nut	■	■	
Side handle	■	■	■
Flat-pin spanners			■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Thumbwheel controlled Vario-Constamatic (VC)-Full wave electronics ideal for working on materials requiring customised speeds, and at speeds which remain almost constant under load
- Constamatic (C) Full-wave Electronics: fast work progress by means of almost constant speed under load
- Best anti-vibration system: integrated Autobalancer compensates to deliver up to less 50% less hand-arm vibration.
- Efficient and robust angle grinder with ergonomic soft handle for low-fatigue working, especially overhead
- Powerful motor with good overload capacity
- Deadman's switch for high user safety
- Low fatigue as never before: compact angle grinder, and smallest handle circumference in its class for perfect ergonomics
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Tool-free adjustable guard; twist-proof
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130



Ø 125 mm

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · 2 SEC FAST BRAKE

Technical data	Angle Grinder W 12-125 Quick	Angle Grinder W 12-125 HD	Angle Grinder WP 12-125 Quick	Angle Grinder WPB 12-125 Quick
Grinding wheel Ø	125 mm	125 mm	125 mm	125 mm
Rated input power	1,250 W	1,250 W	1,250 W	1,250 W
Output power	780 W	780 W	780 W	780 W
No-load speed	11,000 /min	9,600 /min	11,000 /min	11,000 /min
Revolutions at rated load	8,000 /min	8,800 /min	8,000 /min	8,000 /min
Torque	3.4 Nm	4.1 Nm	3.4 Nm	3.4 Nm
Spindle threads	M 14	M 14	M 14	M 14
Weight (without mains cable)	2.4 kg	2.5 kg	2.4 kg	2.6 kg
Cable length	4 m	4 m	4 m	4 m

Scope of delivery

Order no.	600398 [1) 2)]	600408 [1)]	600414	600428 [1)]
Guard	■	■	■	■
Inner support flange	■	■	■	■
Nut with two holes		■		
M-Quick flange nut	■		■	■
Metabo VibraTech (MVT) side handle	■	■	■	■
Flat-pin spanners		■		

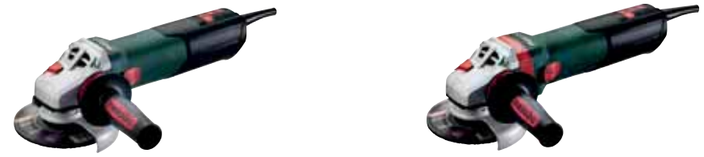
[1)] also available in 120 V (North/Latin America)
[2)] also available in 110 V (UK)

Product advantages

- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Aluminium flange for long service life using heavy accessories, e.g. diamond discs
- Fastest brake system for highest user safety: patented, mechanical disc brake stops the disc within 2 seconds after switching off, even in the event of a power cut
- Restart protection after power interruption
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
- Long service life for demanding applications: powerful and robust angle grinder with highest power density in its class for quick work progress
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130



Ø 125 mm

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · AUTOBALANCER · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · 2 SEC FAST BRAKE · AUTOBALANCER · RESTART PROTECTION

Technical data	Angle Grinder WA 12-125 Quick	Angle Grinder WBA 12-125 Quick
Grinding wheel Ø	125 mm	125 mm
Rated input power	1,250 W	1,250 W
Output power	780 W	780 W
No-load speed	11,000 /min	11,000 /min
Revolutions at rated load	8,000 /min	8,000 /min
Torque	3.4 Nm	3.4 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.4 kg	2.6 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600422 [2)]	600436
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■

[2)] also available in 110 V (UK)

Product advantages

- Fastest brake system for highest user safety: patented, mechanical disc brake stops the disc within 2 seconds after switching off, even in the event of a power cut
- Long service life for demanding applications: powerful and robust angle grinder with highest power density in its class for quick work progress
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Restart protection after power interruption
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Ø 125 mm



ELECTRONIC SAFETY CLUTCH · RESTART PROTECTION

ELECTRONIC SAFETY CLUTCH · VARIO TACHO CONSTAMATIC · RESTART PROTECTION

ELECTRONIC SAFETY CLUTCH · VARIO TACHO CONSTAMATIC · RESTART PROTECTION

Technical data	Angle Grinder WE 1500-125 RT	Angle Grinder WEV 1500-125 RT	Angle Grinder WEV 1500-125 Quick RT
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	1,500 W	1,500 W	1,500 W
Output power	900 W	900 W	900 W
No-load speed	11,000 /min	3,500 - 11,000 /min	3,500 - 11,000 /min
Revolutions at rated load	11,000 /min	11,000 /min	11,000 /min
Torque	4.2 Nm	4.2 Nm	4.2 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.4 kg	2.4 kg	2.4 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	601241 [2]	601243 [1]	601243500 [1]
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■	■	
»Quick« flange nut			■
Side handle	■	■	■
Flat-pin spanners	■	■	
Plastic carry case			■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- Powerful and robust angle grinder with ergonomic soft handle for low-fatigue working, especially overhead
- Powerful motor with good overload capacity
- Tool-free adjustable guard; twist-proof
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic soft start for smooth start-up
- Restart protection after power interruption
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Ø 125 mm



MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

Technical data	Angle Grinder WE 15-125 Quick	Angle Grinder WE 15-125 HD	Angle Grinder WEP 15-125 Quick
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	1,550 W	1,550 W	1,550 W
Output power	940 W	940 W	940 W
No-load speed	11,000 /min	9,600 /min	11,000 /min
Revolutions at rated load	11,000 /min	9,600 /min	11,000 /min
Torque	3.5 Nm	4.2 Nm	3.5 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.5 kg	2.5 kg	2.5 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	600448 [1] [2]	600465 [1]	600476 [1]
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes		■	
M-Quick flange nut	■		■
Metabo VibraTech (MVT) side handle	■	■	■
Flat-pin spanners		■	

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Aluminium flange for long service life using heavy accessories, e.g. diamond discs
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
- Highest service life for extreme applications: robust, powerful angle grinder with maximum power density in its class for quick work progress
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Angle Grinders

Ø 125 mm







MARATHON MOTOR | S-AUTOMATIC MECHANICAL SAFETY CLUTCH | AUTOBALANCER | RESTART PROTECTION

MARATHON MOTOR | S-AUTOMATIC MECHANICAL SAFETY CLUTCH | VARIO TACHO CONSTAMATIC | AUTOBALANCER | RESTART PROTECTION

MARATHON MOTOR | S-AUTOMATIC MECHANICAL SAFETY CLUTCH | VARIO TACHO CONSTAMATIC | RESTART PROTECTION

Technical data	Angle Grinder WEA 15-125 Quick	Angle Grinder WEVA 15-125 Quick	Angle Grinder WEV 15-125 Quick
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	1,550 W	1,550 W	1,550 W
Output power	940 W	940 W	940 W
No-load speed	11,000 /min	2,800 - 11,000 /min	2,800 - 11,000 /min
Revolutions at rated load	11,000 /min	11,000 /min	11,000 /min
Torque	3.5 Nm	3.5 Nm	3.5 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.5 kg	2.5 kg	2.5 kg
Cable length	4 m	4 m	4 m
Scope of delivery			
Order no.	**600492** [2]	**600496**	**600468** [1]
Guard	■	■	■
Inner support flange	■	■	■
M-Quick flange nut	■	■	■
Metabo VibraTech (MVT) side handle	■	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
- Highest service life for extreme applications: robust, powerful angle grinder with maximum power density in its class for quick work progress
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Tool-free adjustable guard; twist-proof
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level in the event the disc jams
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Ø 125 mm





MARATHON MOTOR | S-AUTOMATIC MECHANICAL SAFETY CLUTCH | VARIO TACHO CONSTAMATIC | RESTART PROTECTION

MARATHON MOTOR | S-AUTOMATIC MECHANICAL SAFETY CLUTCH | VARIO TACHO CONSTAMATIC | RESTART PROTECTION

Technical data	Angle Grinder WEV 15-125 Quick HT	Angle Grinder WEV 15-125 Quick Inox
Grinding wheel Ø	125 mm	125 mm
Rated input power	1,550 W	1,550 W
Output power	940 W	940 W
No-load speed	2,800 - 9,600 /min	2,000 - 7,600 /min
Revolutions at rated load	9,600 /min	7,600 /min
Torque	4.2 Nm	5 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.5 kg	2.5 kg
Cable length	4 m	4 m
Scope of delivery		
Order no.	**600562** [1]	**600572** [1]
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■

[1] also available in 120 V (North/Latin America)

Product advantages

- Optimum processing of stone: robust, powerful angle grinder with gear reduction and reduced, adjustable speed for material-friendly working
- Perfect processing of stainless steel: robust, powerful angle grinder with high gear reduction and adjustable reduced speed for cool finish
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Angle Grinders







Ø 125 mm

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · VARIO TACHO CONSTAMATIC · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · VARIO TACHO CONSTAMATIC · RESTART PROTECTION

Technical data	Angle Grinder WE 17-125 Quick RT	Angle Grinder WEV 17-125 Quick RT	Angle Grinder WEV 17-125 Quick Inox RT
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	1,750 W	1,750 W	1,750 W
Output power	1,070 W	1,070 W	1,070 W
No-load speed	11,000 /min	2,800 - 11,000 /min	2,000 - 7,600 /min
Revolutions at rated load	11,000 /min	11,000 /min	7,600 /min
Torque	3.8 Nm	3.8 Nm	5 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.5 kg	2.5 kg	2.5 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	601086 [1]	601089	601092
Guard	■	■	■
Inner support flange	■	■	■
M-Quick flange nut	■	■	■
Metabo VibraTech (MVT) side handle	■	■	■

[1] also available in 120 V (North/Latin America)

Product advantages

- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load

- The specialist with high torque and speed control for processing stainless steel and for working with aggressive fibre discs

- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load

- Perfect ergonomics thanks to slim handle for maximum control and easy working overhead
- Metabo Marathon-motor with new cooling and carbon brush system for twice the service life
- M-Quick System for tool-free disc change at the touch of a button
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130







Ø 125 mm

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · VARIO TACHO CONSTAMATIC · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · AUTOBALANCER · RESTART PROTECTION

Technical data	Angle Grinder WE 17-125 Quick	Angle Grinder WEV 17-125 Quick	Angle Grinder WEA 17-125 Quick
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	1,700 W	1,700 W	1,700 W
Output power	1,040 W	1,040 W	1,040 W
No-load speed	11,000 /min	2,800 - 11,000 /min	11,000 /min
Revolutions at rated load	11,000 /min	11,000 /min	11,000 /min
Torque	3.7 Nm	3.7 Nm	3.7 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.5 kg	2.5 kg	2.5 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	600515 [2]	600516	600534
Guard	■	■	■
Inner support flange	■	■	■
M-Quick flange nut	■	■	■
Metabo VibraTech (MVT) side handle	■	■	■

[2] also available in 110 V (UK)

Product advantages

- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load

- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load

- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels

- Maximum productivity: 1,700 Watt angle grinder with the power of a large grinder and the compactness of a small one for quickest material removal on industrial applications
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Electronic overload protection, soft start and restart protection
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Angle Grinders





Ø 125 mm

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · 2 SEC FAST BRAKE · AUTOBALANCER · RESTART PROTECTION

Technical data	Angle Grinder WEBA 17-125 Quick	Angle Grinder WEPBA 17-125 Quick
Grinding wheel Ø	125 mm	125 mm
Rated input power	1,700 W	1,700 W
Output power	1,040 W	1,040 W
No-load speed	11,000 /min	11,000 /min
Revolutions at rated load	11,000 /min	11,000 /min
Torque	3.7 Nm	3.7 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.7 kg	2.7 kg
Cable length	4 m	4 m
Scope of delivery		
Order no.	**600514**	**600548** [1] [2]
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch

- Maximum productivity: 1,700 Watt angle grinder with the power of a large grinder and the compactness of a small one for quickest material removal on industrial applications
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
- Fastest brake system for highest user safety: patented, mechanical disc brake stops the disc within 2 seconds after switching off, even in the event of a power cut
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130





Ø 125 mm

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · 2 SEC FAST BRAKE · AUTOBALANCER · RESTART PROTECTION · DROP SECURITY RING

Technical data	Angle Grinder WEPBA 17-125 Quick DS	Angle Grinder WEPBA 17-125 Quick RT
Grinding wheel Ø	125 mm	125 mm
Rated input power	1,700 W	1,750 W
Output power	1,040 W	1,070 W
No-load speed	11,000 /min	11,000 /min
Revolutions at rated load	11,000 /min	11,000 /min
Torque	3.7 Nm	3.8 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.7 kg	2.7 kg
Cable length	4 m	4 m
Scope of delivery		
Order no.	**600549** [1]	**601097** [2]
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Steel ring to accommodate the carabiner secures the angle grinder against falling when working at great heights
- Perfect ergonomics thanks to slim handle for maximum control and easy working overhead

- Maximum productivity: 1,700 Watt angle grinder with the power of a large grinder and the compactness of a small one for quickest material removal on industrial applications
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- M-Quick System for tool-free disc change at the touch of a button
- Tool-free adjustable guard; twist-proof
- Reduced vibrations for low-fatigue working thanks to Metabo VibraTech (MVT) side handle and integrated Auto-balancer
- Highest degree of user safety thanks to patented, mechanical disc brake and deadman's switch: disc stop in 2 seconds after releasing even in case of a power cut
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Electronic soft start and restart protection
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130





Ø 150 mm

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

ELECTRONIC SAFETY CLUTCH · RESTART PROTECTION

Technical data	Angle Grinder W 12-150 Quick	Angle Grinder WE 1500-150 RT
Grinding wheel Ø	150 mm	150 mm
Rated input power	1,250 W	1,500 W
Output power	780 W	900 W
No-load speed	9,600 /min	9,600 /min
Revolutions at rated load	7,000 /min	9,600 /min
Torque	3.8 Nm	5 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.5 kg	2.4 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600407 [1]	601242 [1]
Guard	■	■
Inner support flange	■	■
Nut with two holes		■
M-Quick flange nut	■	
Side handle		■
Metabo VibraTech (MVT) side handle	■	
Flat-pin spanners		■

[1] also available in 120 V (North/Latin America)

Product advantages

- Long service life for demanding applications: powerful and robust angle grinder with highest power density in its class for quick work progress
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting

- Powerful and robust angle grinder with ergonomic soft handle for low-fatigue working, especially overhead
- Powerful motor with good overload capacity
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Electronic soft start for smooth start-up

- Tool-free adjustable guard; twist-proof
- Restart protection after power interruption
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130





Ø 150 mm

ELECTRONIC SAFETY CLUTCH · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

ELECTRONIC SAFETY CLUTCH · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

Technical data	Angle Grinder WE 15-150 Quick	Angle Grinder WEP 15-150 Quick
Grinding wheel Ø	150 mm	150 mm
Rated input power	1,550 W	1,550 W
Output power	940 W	940 W
No-load speed	9,600 /min	9,600 /min
Revolutions at rated load	9,600 /min	9,600 /min
Torque	3.9 Nm	3.9 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.6 kg	2.6 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600464 [1]	600488 [1]
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■

[1] also available in 120 V (North/Latin America)

Product advantages

- Paddle switch with dead man function: safe to operate due to an ergonomically integrated switch

- Highest service life for extreme applications: robust, powerful angle grinder with maximum power density in its class for quick work progress
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Ø 150 mm







MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · AUTOBALANCER · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · VARIO TACHO CONSTAMATIC · AUTOBALANCER · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · VARIO TACHO CONSTAMATIC · RESTART PROTECTION

Technical data	Angle Grinder WEA 15-150 Quick	Angle Grinder WEVA 15-150 Quick	Angle Grinder WEV 15-150 Quick
Grinding wheel Ø	150 mm	150 mm	150 mm
Rated input power	1,550 W	1,550 W	1,550 W
Output power	940 W	940 W	940 W
No-load speed	9,600 /min	2,800 - 9,600 /min	2,800 - 9,600 /min
Revolutions at rated load	9,600 /min	9,600 /min	9,600 /min
Torque	3.9 Nm	3.9 Nm	3.9 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.6 kg	2.6 kg	2.6 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	600493	600506	600472
Guard	■	■	■
Inner support flange	■	■	■
M-Quick flange nut	■	■	■
Metabo VibraTech (MVT) side handle	■	■	■

Product advantages

- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
- Highest service life for extreme applications: robust, powerful angle grinder with maximum power density in its class for quick work progress
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Ø 150 mm





ELECTRONIC SAFETY CLUTCH · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · AUTOBALANCER · RESTART PROTECTION

Technical data	Angle Grinder WE 17-150 Quick RT	Angle Grinder WEA 17-150 Quick
Grinding wheel Ø	150 mm	150 mm
Rated input power	1,750 W	1,700 W
Output power	1,070 W	1,040 W
No-load speed	9,600 /min	9,600 /min
Revolutions at rated load	9,600 /min	9,600 /min
Torque	4.4 Nm	4.3 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.5 kg	2.5 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	601087	600535
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■

Product advantages

- Perfect ergonomics thanks to slim handle for maximum control and easy working overhead
- Electronic soft start and restart protection
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
- Electronic overload protection, soft start and restart protection
- Maximum productivity: 1,700 Watt angle grinder with the power of a large grinder and the compactness of a small one for quickest material removal on industrial applications
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- M-Quick System for tool-free disc change at the touch of a button
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Ø 150 mm





MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · 2 SEC FAST BRAKE · AUTOBALANCER · RESTART PROTECTION

Technical data	Angle Grinder WEPBA 17-150 Quick	Angle Grinder WEPBA 17-150 Quick RT
Grinding wheel Ø	150 mm	150 mm
Rated input power	1,700 W	1,750 W
Output power	1,040 W	1,070 W
No-load speed	9,600 /min	9,600 /min
Revolutions at rated load	9,600 /min	9,600 /min
Torque	4.3 Nm	4.4 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.8 kg	2.8 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600552 [1] [2]	601098
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Electronic overload protection, soft start and restart protection
- Perfect ergonomics thanks to slim handle for maximum control and easy working overhead
- Electronic soft start and restart protection

- Maximum productivity: 1,700 Watt angle grinder with the power of a large grinder and the compactness of a small one for quickest material removal on industrial applications
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- M-Quick System for tool-free disc change at the touch of a button
- Tool-free adjustable guard; twist-proof
- Reduced vibrations for low-fatigue working thanks to Metabo VibraTech (MVT) side handle and integrated Auto-balancer
- Highest degree of user safety thanks to patented, mechanical disc brake and deadman's switch: disc stop in 2 seconds after releasing even in case of a power cut
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Ø 180 mm







MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION

MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · AUTOBALANCER · RESTART PROTECTION

S-AUTOMATIC MECHANICAL SAFETY CLUTCH · 2 SEC FAST BRAKE · AUTOBALANCER · RESTART PROTECTION · MARATHON MOTOR

Technical data	Angle Grinder WE 19-180 Quick RT	Angle Grinder WEA 19-180 Quick RT	Angle Grinder WEPBA 19-180 Quick RT
Grinding wheel Ø	180 mm	180 mm	180 mm
Rated input power	1,900 W	1,900 W	1,900 W
Output power	1,240 W	1,240 W	1,240 W
No-load speed	8,200 /min	8,200 /min	8,200 /min
Revolutions at rated load	8,200 /min	8,200 /min	8,200 /min
Torque	5 Nm	5 Nm	5 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.7 kg	2.7 kg	2.9 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	601088	601095	601099 [2]
Guard	■	■	■
Inner support flange	■	■	■
M-Quick flange nut	■	■	■
Metabo VibraTech (MVT) side handle	■	■	■

[2] also available in 110 V (UK)

Product advantages

- Low-vibration side handle Metabo VibraTech (MVT)
- Highest degree of user safety thanks to patented, mechanical disc brake and deadman's switch: disc stop in 2 seconds after releasing even in case of a power cut
- Reduced vibrations for low-fatigue working thanks to Metabo VibraTech (MVT) side handle and integrated Auto-balancer

- The most powerful one with full 1,900 Watt for industrial processing of weld seams and a cutting depth like a large angle grinder (Ø 230 mm) with only half the weight
- Perfect ergonomics thanks to slim handle for maximum control and easy working overhead
- Metabo Marathon-motor with new cooling and carbon brush system for twice the service life
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- M-Quick System for tool-free disc change at the touch of a button
- Tool-free adjustable guard; twist-proof
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Large angle grinders from Metabo: The right choice for continuous industrial operation.

Regardless of whether it's prolonged roughing work or heavy cutting work, e.g. plunge cuts into 30 mm solid material: Metabo's large angle grinders with their powerful marathon-motors won't let you down. For maximum safety and optimal handling the main handle can be twisted: helpful when cutting.

ELECTRONIC SAFETY CLUTCH

Minimal kick-back – maximum control
Electronic safety shutdown for reduced kickback if the disc jams

MARATHON MOTOR

Metabo Marathon-motor
- Patented dust protection
- Up to 20% more overload capacity
- Up to 50 % more torque



DEADMAN SWITCH

Low-fatigue roughing
- Switch with dead man function

Switches off the machine immediately if control is lost

QUICK

Fast, easy disc change
with quick-locking nut

AUTOBALANCER MVT

Low-fatigue roughing
- Thanks to integrated Autobalancer
- Thanks to Metabo VibraTech (MVT) damping system and side handle

For up to 50% less vibration and halve the disc consumption

WEA 26-230 MVT Quick



Twist handle for safe cutting
Rotating main handle for more safety and better handling when cutting up to 65 mm



Change accessories quickly and easily
»Quick« flange nut for changing cutting or grinding discs without flat-pin spanner, meaning you can work without interruption



The right disc for every application
Large range of diamond cutting discs as well as cutting and roughing discs



Ø 180 mm

Technical data	Angle Grinder W 22-180 MVT	Angle Grinder W 24-180 MVT	Angle Grinder WE 22-180 MVT	Angle Grinder WE 24-180 MVT
Grinding wheel Ø	180 mm	180 mm	180 mm	180 mm
Rated input power	2,200 W	2,400 W	2,200 W	2,400 W
Output power	1,500 W	1,600 W	1,500 W	1,600 W
No-load speed	8,500 /min	8,500 /min	8,500 /min	8,500 /min
Revolutions at rated load	5,800 /min	5,800 /min	5,800 /min	5,800 /min
Torque	11 Nm	14 Nm	11 Nm	14 Nm
Spindle threads	M 14	M 14	M 14	M 14
Weight (without mains cable)	5.7 kg	5.7 kg	5.7 kg	5.7 kg
Cable length	4 m	4 m	4 m	4 m
Scope of delivery				
Order no.	**606461** [2]	**606466** [1]	**606463**	**606468**
Guard	■	■	■	■
Inner support flange	■	■	■	■
Nut with two holes	■	■	■	■
Metabo VibraTech (MVT) side handle	■	■	■	■
Flat-pin spanners	■	■	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Dead man switch for high user protection (optional)
- Starting current limitation prevents the actuation of the lock on start-up
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic overload protection and restart protection
- LED signal indicates triggered restart protection or overheating
- Metabo Marathon-motor with patented dust protection for long service life
- Metabo safety switch prevents unintentional start
- Tool-free adjustable guard; twist-proof
- Metabo VibraTech (MVT): integrated damping system and side handle to reduce vibrations in order to protect the user's health
- Side handle can be mounted in three positions
- Rotating main handle: high safety and better handling when cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Angle Grinders





Ø 180 mm

MARATHON MOTOR · ELECTRONIC SAFETY CLUTCH · MVT · AUTOBALANCER · RESTART PROTECTION

MARATHON MOTOR · MVT

Technical data	Angle Grinder WEA 24-180 MVT Quick	Angle Grinder W 26-180 MVT
Grinding wheel Ø	180 mm	180 mm
Rated input power	2,400 W	2,600 W
Output power	1,600 W	1,800 W
No-load speed	8,500 /min	8,500 /min
Revolutions at rated load	5,800 /min	6,000 /min
Torque	14 Nm	17 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	5.8 kg	6.2 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	606471	606473
Guard	■	■
Inner support flange	■	■
Nut with two holes		■
Quick-locking nut	■	
Metabo VibraTech (MVT) side handle	■	■
Flat-pin spanners		■

Product advantages

- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
- Starting current limitation prevents the actuation of the lock on start-up
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic overload protection and restart protection
- LED signal indicates triggered restart protection or overheating
- Metabo Quick for tool-free disc change by means of a quick-locking nut

- Dead man switch for high user protection (optional)

- Metabo Marathon-motor with patented dust protection for long service life
- Metabo safety switch prevents unintentional start
- Tool-free adjustable guard; twist-proof
- Metabo VibraTech (MVT): integrated damping system and side handle to reduce vibrations in order to protect the user's health
- Side handle can be mounted in three positions
- Rotating main handle: high safety and better handling when cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130







Ø 230 mm

MARATHON MOTOR · MVT

MARATHON MOTOR · ELECTRONIC SAFETY CLUTCH · MVT · RESTART PROTECTION

MARATHON MOTOR · ELECTRONIC SAFETY CLUTCH · MVT · RESTART PROTECTION

Technical data	Angle Grinder W 22-230 MVT	Angle Grinder WE 22-230 MVT	Angle Grinder WE 22-230 MVT Quick
Grinding wheel Ø	230 mm	230 mm	230 mm
Rated input power	2,200 W	2,200 W	2,200 W
Output power	1,500 W	1,500 W	1,500 W
No-load speed	6,600 /min	6,600 /min	6,600 /min
Revolutions at rated load	4,600 /min	4,600 /min	4,600 /min
Torque	14 Nm	14 Nm	14 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	5.8 kg	5.8 kg	5.8 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	606462 [2]	606464	606465
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■	■	
Quick-locking nut			■
Metabo VibraTech (MVT) side handle	■	■	■
Flat-pin spanners	■	■	

[2] also available in 110 V (UK)

Product advantages

- Dead man switch for high user protection (optional)

- Metabo Quick for tool-free disc change by means of a quick-locking nut

- Starting current limitation prevents the actuation of the lock on start-up
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic overload protection and restart protection
- LED signal indicates triggered restart protection or overheating

- Metabo Marathon-motor with patented dust protection for long service life
- Metabo safety switch prevents unintentional start
- Tool-free adjustable guard; twist-proof
- Metabo VibraTech (MVT): integrated damping system and side handle to reduce vibrations in order to protect the user's health
- Side handle can be mounted in three positions
- Rotating main handle: high safety and better handling when cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130



Ø 230 mm

MARATHON MOTOR · MVT

ELECTRONIC SAFETY CLUTCH · MVT · RESTART PROTECTION

MARATHON MOTOR · ELECTRONIC SAFETY CLUTCH · MVT · RESTART PROTECTION

MARATHON MOTOR · ELECTRONIC SAFETY CLUTCH · MVT · AUTOBALANCER · RESTART PROTECTION

Technical data	Angle Grinder W 24-230 MVT	Angle Grinder WE 24-230 MVT	Angle Grinder WE 24-230 MVT Quick	Angle Grinder WEA 24-230 MVT Quick
Grinding wheel Ø	230 mm	230 mm	230 mm	230 mm
Rated input power	2,400 W	2,400 W	2,400 W	2,400 W
Output power	1,600 W	1,600 W	1,600 W	1,600 W
No-load speed	6,600 /min	6,600 /min	6,600 /min	6,600 /min
Revolutions at rated load	4,600 /min	4,600 /min	4,600 /min	4,600 /min
Torque	17 Nm	17 Nm	17 Nm	17 Nm
Spindle threads	M 14	M 14	M 14	M 14
Weight (without mains cable)	5.8 kg	5.8 kg	5.8 kg	5.9 kg
Cable length	4 m	4 m	4 m	4 m

Scope of delivery

Order no.	606467 [1]	606469 [2]	606470	606472
Guard	■	■	■	■
Inner support flange	■	■	■	■
Nut with two holes	■	■		
Quick-locking nut			■	■
Metabo VibraTech (MVT) side handle	■	■	■	■
Flat-pin spanners	■	■		

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Dead man switch for high user protection (optional)
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Starting current limitation prevents the actuation of the lock on start-up
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic overload protection and restart protection
- LED signal indicates triggered restart protection or overheating
- Metabo Marathon-motor with patented dust protection for long service life
- Metabo safety switch prevents unintentional start
- Tool-free adjustable guard; twist-proof
- Metabo VibraTech (MVT): integrated damping system and side handle to reduce vibrations in order to protect the user's health
- Side handle can be mounted in three positions
- Rotating main handle: high safety and better handling when cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130



Ø 230 mm

MARATHON MOTOR · MVT

MARATHON MOTOR · ELECTRONIC SAFETY CLUTCH · MVT · RESTART PROTECTION

MARATHON MOTOR · ELECTRONIC SAFETY CLUTCH · MVT · RESTART PROTECTION

Technical data	Angle Grinder W 26-230 MVT	Angle Grinder WE 26-230 MVT Quick	Angle Grinder WEA 26-230 MVT Quick
Grinding wheel Ø	230 mm	230 mm	230 mm
Rated input power	2,600 W	2,600 W	2,600 W
Output power	1,800 W	1,800 W	1,800 W
No-load speed	6,600 /min	6,600 /min	6,600 /min
Revolutions at rated load	4,800 /min	4,800 /min	4,800 /min
Torque	18 Nm	18 Nm	18 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	6.3 kg	6.3 kg	6.4 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	606474 [1]	606475	606476
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■		
Quick-locking nut		■	■
Metabo VibraTech (MVT) side handle	■	■	■
Flat-pin spanners	■		

[1] also available in 120 V (North/Latin America)

Product advantages

- Dead man switch for high user protection (optional)
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
- Starting current limitation prevents the actuation of the lock on start-up
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic overload protection and restart protection
- LED signal indicates triggered restart protection or overheating
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Metabo Marathon-motor with patented dust protection for long service life
- Metabo safety switch prevents unintentional start
- Tool-free adjustable guard; twist-proof
- Metabo VibraTech (MVT): integrated damping system and side handle to reduce vibrations in order to protect the user's health
- Side handle can be mounted in three positions
- Rotating main handle: high safety and better handling when cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Cutting and roughing discs: The Metabo quality classes at a glance.

Metabo offers you four quality grades, from which you can choose the right disc for your applications.



»Novoflex«
»Novorapid« Inox

Basic quality

Impress with good cutting output and material removal with good tool life.

»Flexiamant«
»Flexiarapid« Inox

Standard quality

Particularly uniform in cutting output and extraordinary tool life.

»Flexiamant Super«
»Flexiarapid Super«
Inox HydroResist

Premium quality

Extremely high cutting output with very long tool life

CER

»M-Calibur«

Premium CER quality

Special ceramic abrasive grain technology and bonding for highest productivity and work progress

The Metabo colour coding system

Metabo grinding wheels are colour coded according to their application area with the appropriate colour from the coding system. The catalogue carries the relevant colour bar on the left side of the grinding disc groups' table to help selection:

- Steel, sheet steel
- Stainless steel
- Aluminium, bronze, copper, brass, other NF metals
- Stone, concrete, tiles, clinker brick etc.
- Pipeline

Cutting and roughing discs: Powerful and robust.

The quality of cutting and roughing discs depends on several things: The grain (size, shape and quality of the abrasive grains), determines how powerful a disc is. The right ratio of bonding, filler materials and glass reinforcement determine how long the disc will last. Metabo cutting and roughing discs are manufactured in accordance with our recipes and quality specifications so that they, in combination with our machines, achieve best working results. The powerful discs permit an optimum working result in connection with long tool life and are therefore particularly economical.



Metabo product line

Dimension

Max. permitted speed

Maximum working speed

Order number

Metal ring with expiry date

Clear information on the suitable materials

Specifications
See below

Safety notes
- Use ear defenders
- Use goggles
- Use dust mask
- Use protective gloves
- Limitations of usage

Safety standard OSA

The Symbol of Safety

Metabo cutting and grinding accessories meet the highest safety standards, international standards and safety requirements such as EN 12413 and OSA

This is how to read the specification for a cutting and grinding disc:

Specification
The combination of letters and numbers is the genetic code of the grinding wheel.

Abrasive
A ■ For general processing of metal
ZA ■ Special discs for metal processing

C Silicon carbide
■ For processing stone
CA Ceramic
■ Special discs for processing stainless steel and metal

Grit
The higher the number, the finer the grit. We use grain sizes of 16 – 60 for cutting and grinding discs:
16–24 Coarse
30–60 medium

Hardness
The hardness of a grinding tool is coded alphabetically:

ABC ...	NOP ...	RST ...	Z
Very soft	Soft	hard	Very hard

Shape
Shape 41: straight version
Shape 42/27: offset version

Bonding
B Resinoid bonding
■ Permitted for a circumferential speed of up to 50 m/s
BF Glass-fibre reinforced resinoid bonding
■ Permitted for a circumferential speed of up to 80 m/s

Example: A 24-N-BF
A Aluminium Oxide
24 Grit
N Hard disc
BF Glass-fibre reinforced resinoid bonding
■ A disc of this type cuts well and has a good service life when working with steel.

Which disc is suitable for which application?

Legend	Cutting discs for																						Grinding discs for							
Novoflex Good cutting performance/tool life **Flexiamant** High cutting performance/tool life **Flexiamant super** Very high cutting output/tool life ■ highly suitable □ partially suitable. (The exclusive use of these materials will result in reduced service life or reduced cutting capacity)	Hand-held angle grinders															Hand operated cutting machines (petrol)		Table mounted chop saws			Stationary cutting machines		Hand-held angle grinders							
	CA 46-U	A 30	A 30-R	A 36-T	A 60-T/A 46-T	A 46-T	A 30-P	A 46-R/A 60-R/A 30-R	A 60-U/A 46-U/A 36-U	A 46-U	A 30-O	C 30	C 30-S	C 60-T	A 24-N	C 24-N	A 36-S	A 36-R	A 30-R / A 24-M	A 30-S	C 30-S	CA 36-O	A 24	A 24-N	A 24-T	ZA 24-T	A 30-O	A 36-M	C 24-N
Material/application	M-Calibur Steel/Inox	Novoflex steel	Flexiamant steel	Flexiamant super steel	Flexiamant super steel	Novorapid Inox	Flexiamant Inox	Flexirapid Inox	Flexirapid super Inox	Combinator	Flexirapid Alu	Novoflex stone	Flexiamant super stone	Flexiamant super stone	Flexiamant super steel	Flexiamant super stone	Flexiamant super steel	Flexiamant super Inox	Flexiamant super steel	Flexiamant super steel	Flexiamant super stone	M-Calibur Steel/Inox	Novoflex steel	Flexiamant steel	Flexiamant super steel	Flexiamant super pipeline	Flexiamant super Inox	Flexiamant super aluminium	Flexiamant super stone
Steel	■	■	■	■	■		□		■	■					■		■		■	■		■	■	■	■	□	□		
General construction steel	■	■	■	■	■		□		□	■					■		■		■	■		■	■	■	■	□			
Construction steel, high tensile strength		□	□	■			□		□	■					□		□		□	□		□	□	□	□	■			
Tool steel	■		■	■	■		□		□	■					■		□		□	■		■	■	■	■	□			
Steel sheets/ thin-walled profiles	■	■	■	■	■	■	□	□	□	■					■		■		□	■		□		□	□	□			
Ductile pipes																													
Pipeline																						■			■	■			
Grey cast iron GG																						■			■	■			
Ductile cast iron GGG																						■			■	■			
Cast steel GG																						■			■	■			
Malleable cast iron GT																						■			■	■			
Stainless steel	■				■	■	■	■	■								■	□	□			■				■	■		
Non-alloy stainless steel	■				■	■	■	■	■									□	□			■				■	■		
High-alloy stainless steel	■				■	■	■	■	■								■	□	□			■				■	■		
Stainless steel sheets/ thin-walled profiles	■				■	■	■	■	■								■	□	□			■				■	■		
Container construction				■																		■	□			■	■		
Aluminium											■										□							■	
Bronze											■										□							■	
Copper											■										□							■	
Brass											■										□							■	
Other non-ferrous metals											■										□							■	
Asphalt																													
Concrete												■	■			■					■								■
Reinforced concrete												□	□			□													■
Pumice stone												□	□			□													
Roof tiles												□	□			□													
Tiles														■															
Aerated concrete												□	□			□													
Granite												□	□			□													■
Glazed tiles														■															
Sand-lime brick												□	□			□													■
Ceramic														■															
Clinkers												□	□			□													
Fireclay												□	□			□													
Stone												■	■			■					■								■
Clay pipes												□									□								
Exposed aggregate concrete												□									□								

Cutting and roughing discs »M-Calibur« for steel and stainless steel.



»M-Calibur« grinding discs with special ceramics abrasive grain technology and bonding for highest productivity and work progress in steel and stainless steel

CER

- Maximum number of cuts with the cutting disc »M-Calibur« (up to 3 times the service life)
- Extremely high cutting speed
- Maximum material removal with the roughing disc »M-Calibur« (up to 3x the removal than standard roughing discs)
- Extremely high material removal speed

Highest safety standards

- Exceed the requirements of all relevant safety standards EN 12413, OSA

Perfectly adjusted to the most powerful angle grinders

Particularly wide range of application

- For all steel and stainless steel applications

Cutting and Grinding Accessories

Cutting discs for hand-held angle grinders

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	**Quality class A 60-R / A 46 R »Novorapid« Steel** ■ Quality Novorapid: powerful entry-level class ■ Thin cutting disc for general processing of metal, especially for thin-walled materials such as pipes, metal sheets, profiles, wires etc. ■ Good cutting performance with good tool life. ■ Hardness: medium-hard ■ Low material consumption, power-saving, low machine load ■ Maximum working speed: 80 m/s					
	A 60-R	115 x 1 x 22.23	—	13,300	1/25	616505000
	A 60-R	125 x 1 x 22.23	—	12,200	1/25	616506000
	A 46-R	150 x 1.6 x 22.23	—	10,200	1/25	616507000
	A 46-R	180 x 1.6 x 22.23	⌒	8,500	1/25	616508000
	A 46-R	230 x 1.9 x 22.23	⌒	6,600	1/25	616509000
	**Quality class A 30 »Novoflex« steel** ■ Quality Novoflex: powerful entry-level class ■ Hardness: medium-hard ■ Universal use in metal processing ■ Good cutting performance with good tool life. ■ Maximum working speed 80 m/s					
	A 30	100 x 2.5 x 16	—	15,300	1/25	616446000
	A 30	100 x 2.5 x 16	⌒	15,300	1/25	616447000
	A 30	115 x 2.5 x 22.23	—	13,300	1/25	616442000
	A 30	115 x 2.5 x 22.23	⌒	13,300	1/25	616454000
	A 30	115 x 3 x 22.23	⌒	13,300	1/25	616420000
	A 30	125 x 2.5 x 22.23	—	12,200	1/25	616444000
	A 30	125 x 2.5 x 22.23	⌒	12,200	1/25	616456000
	A 30	150 x 3 x 22.23	—	10,200	1/25	616448000
	A 30	180 x 3 x 22.23	—	8,500	1/25	616450000
	A 30	180 x 3 x 22.23	⌒	8,500	1/25	616457000
	A 30	230 x 3 x 22.23	—	6,600	1/25	616452000
	A 30	230 x 3 x 22.23	⌒	6,600	1/25	616477000
	**Quality class A 30-R »Flexiamant« Steel** ■ Universal disc for complete metal processing ■ Hardness: medium ■ High cutting output with good tool life ■ Uniform in cutting output and tool life ■ Maximum working speed 80 m/s					
	A 30-R	100 x 2.5 x 16	—	15,300	1/25	616742000
	A 30-R	115 x 2.5 x 22.23	⌒	13,300	1/25	616727000
	A 30-R	115 x 2.5 x 22.23	—	13,300	1/25	616770000
	A 30-R	125 x 2.5 x 22.23	⌒	12,200	1/25	616310000
	A 30-R	125 x 2.5 x 22.23	—	12,200	1/25	616732000
	A 30-R	150 x 3 x 22.23	—	10,200	1/25	616121000
	A 30-R	150 x 3 x 22.23	⌒	10,200	1/25	616313000
	A 30-R	180 x 3 x 22.23	—	8,500	1/25	616123000
	A 30-R	180 x 3 x 22.23	⌒	8,500	1/25	616300000
	A 30-R	230 x 3 x 22.23	—	6,600	1/25	616127000
	A 30-R	230 x 3 x 22.23	⌒	6,600	1/25	616302000

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	**Quality class A 60-T / A 46-T »Flexiamant Super« steel** ■ Thin high output cutting disc especially for thin materials such as metal sheets, pipes, profiles, wires ■ Hardness: hard ■ Very high cutting output with good tool life ■ Low material consumption, power-saving, low machine load ■ Maximum working speed 80 m/s					
	A 60-T	115 x 1 x 22.23	—	13,300	1/25	616188000
	A 46-T	115 x 1.6 x 22.23	—	13,300	1/25	616191000
	A 60-T	125 x 1 x 22.23	—	12,200	1/25	616189000
	A 46-T	125 x 1.6 x 22.23	—	12,200	1/25	616192000
	**Quality class A 36-T »Flexiamant Super« steel** ■ Universal disc for complete metal processing ■ Hardness: hard ■ Extremely high cutting output with good tool life by using special corundums ■ Best results using powerful angle grinders ■ Maximum working speed 80 m/s					
	A 36-T	115 x 2 x 22.23	⌒	13,300	1/25	616100000
	A 36-T	115 x 2 x 22.23	—	13,300	1/25	616105000
	A 36-T	115 x 3 x 22.23	⌒	13,300	1/25	616104000
	A 36-T	125 x 2 x 22.23	⌒	12,200	1/25	616101000
	A 36-T	125 x 2 x 22.23	—	12,200	1/25	616107000
	A 36-T	150 x 2 x 22.23	—	10,200	1/25	616109000
	A 36-T	150 x 2 x 22.23	⌒	10,200	1/25	616119000
	A 36-T	180 x 2 x 22.23	⌒	8,500	1/25	616102000
	A 36-T	180 x 2 x 22.23	—	8,500	1/25	616111000
	A 36-T	230 x 2.5 x 22.23	⌒	6,600	1/25	616103000
	A 36-T	230 x 2.5 x 22.23	—	6,600	1/25	616115000
	**Quality class A 46-T »Novorapid« Inox** ■ Quality Novorapid: powerful entry-level class ■ Thin cutting disc for processing rust-free, thin-walled materials such as pipes, sheeting, profiles, wires etc. as well as for general metalworking ■ Good cutting performance with good tool life. ■ Hardness: hard ■ Low material consumption, power-saving, low machine load ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %) ■ Maximum working speed: 80 m/s					
	A 46-T	115 x 1 x 22.23	—	13,200	1/25	616270000
	A 46-T	125 x 1 x 22.23	—	12,200	1/25	616271000
	A 46-T Novorapid	180 x 1.5 x 22.23	—	8,600	1/25	616273000
	A 46-T	230 x 1.9 x 22.23	—	6,600	1/25	616274000
	**Quality class A 30-P »Flexiamant« Inox** ■ Universal disc for processing stainless steels ■ Hardness: soft ■ High cutting output with good tool life ■ Low in iron and sulphur <0.1% ■ Maximum working speed 80 m/s					
	A 30-P	100 x 2.5 x 16	—	15,300	1/25	616744000
	A 30-P	115 x 2.5 x 22.23	⌒	13,300	1/25	616737000
	A 30-P	115 x 3 x 22.23	⌒	13,300	1/25	616741000
	A 30-P	125 x 2.5 x 22.23	—	12,200	1/25	616738000
	A 30-P	180 x 3 x 22.23	—	8,500	1/25	616163000
	A 30-P	180 x 3 x 22.23	⌒	8,500	1/25	616299000
	A 30-P	230 x 3 x 22.23	—	6,600	1/25	616167000

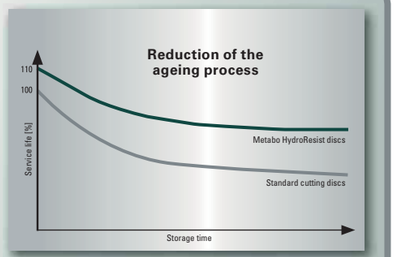
Accessories for Angle Grinders

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	**Quality class A 60-R / A 46-R / A 30-R »Flexiarapid« Inox** ■ Thin high-output cutting disc especially for stainless, thin-walled materials such as pipes, metal sheets, profiles, wires ■ Hardness: hard ■ Very high cutting output with good tool life by using special corundums ■ Low material consumption, power-saving, low machine load. ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %) ■ Maximum working speed 80 m/s ■ A 60-R with 1 mm thickness; A 46-R with 1.6 mm thickness; A 30-R with 1.9 mm thickness					
	A 46-R	105 x 1.6 x 16	—	15,300	1/25	616180000
	A 60-R	115 x 1 x 22.23	—	13,300	1/25	616186000
	A 46-R	115 x 1.6 x 22.23	—	13,300	1/25	616181000
	A 60-R	125 x 1 x 22.23	—	12,200	1/25	616187000
	A 46-R	125 x 1.6 x 22.23	—	12,200	1/25	616182000
	A 46-R	125 x 2 x 22.23	—	12,200	1/25	616179000
	A 30-R	150 x 1.6 x 22.23	—	10,200	1/25	616183000
	A 30-R	180 x 1.6 x 22.23	—	8,500	1/25	616184000
	A 30-R	230 x 1.9 x 22.23	—	6,600	1/25	616185000

New durable miracle: Flexiarapid Super/Combinator cutting discs with HydroResist formula

Resin-bonded grinding wheels age and lose performance over the course of time - even if they are unused. The newly developed HydroResist formula counteracts this process and sustainably ensures the performance of the discs.

- **More endurance:** increases the service life of the disc - even with high atmospheric humidity
- **Less replacement costs:** 10% more cuts (per disc) by virtue of newly developed formula for optimised connection of grain and bonding agent



	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	**Quality class A 36-U / A 46-U / A 60-U »Flexiarapid Super« Inox HydroResist** ■ The super-thin high-output disc especially for processing stainless steel ■ Super quick with very long service life thanks to the use of special corundums ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %) ■ For all rust and acid resistant steels (V2A, Nirosta, INOX), spring steels, tool steels ■ For use in the manufacture of vehicles, containers, car bodies, switch cabinets etc. ■ Cutting discs for quiet, precise cutting, cuts without burrs ■ Hardness: hard ■ Maximum working speed 80 m/s					
	A 60-U	105 x 1 x 16	—	15,300	1/25	616210000
	A 60-U	115 x 0.8 x 22.23	⌒	13,300	1/50	616208000
	A 60-U	115 x 1 x 22.23	—	13,300	1/25	616216000
	A 60-U	115 x 1 x 22.23	⌒	13,300	1/25	616217000
	A 46-U	115 x 1.6 x 22.23	—	13,300	1/25	616218000
	A 46-U	115 x 1.6 x 22.23	⌒	13,300	1/25	616219000
	A 60-U	125 x 0.8 x 22.23	⌒	12,200	1/50	616209000
	A 60-U	125 x 1 x 22.23	—	12,200	1/25	616220000
	A 46-U	125 x 1.6 x 22.23	—	12,200	1/25	616222000
	A 46-U	150 x 1.6 x 22.23	—	10,200	1/25	616224000
	A 46-U	180 x 1.6 x 22.23	—	8,500	1/25	616226000
	A 46-U	180 x 1.6 x 22.23	⌒	8,500	1/25	616227000
	A 36-U	230 x 1.9 x 22.23	—	6,600	1/25	616228000
	A 36-U	230 x 1.9 x 22.23	⌒	6,600	1/25	616229000

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	**Quality class A 46-U »Combinator« Inox HydroResist** ■ One grinding wheel for two applications: quick cutting, and easy deburring and sanding ■ All-purpose use for processing stainless steel and for general metal work ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %) ■ Hardness: hard ■ Reduces labour costs by saving on set-up time ■ Eliminates time-consuming disc changes during mobile use. ■ Highest standards in quality and safety thanks to the dimensional and lateral stability of the disc design (proven safety with 3 full-surface layers of material) ■ Maximum working speed: 80 m/s					
	A 46-U Combinator Inox	115 x 1.9 x 22.23	⌒	13,200	1/25	616500000
	A 46-U Combinator Inox	125 x 1.9 x 22.23	⌒	12,200	1/25	616501000
	**Quality class CA 46-U »M-Calibur« Inox** ■ The latest generation of cutting discs with ceramic abrasive grain ■ Maximum cutting performance with extremely high tool life thanks to using ceramic special corundum and new bonding ■ Highest productivity and work progress ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %) ■ For all rust and acid resistant steels (V2A, Nirosta, INOX), high-allow steels, spring steels, tool steels. ■ Hardness: hard ■ Maximum working speed 80 m/s					
	CA 46-U	115 x 1.6 x 22.23	—	13,300	1/25	616285000
	CA 46-U	125 x 1.6 x 22.23	—	12,200	1/25	616286000
	**Quality class A 60-P / A 46 P »Flexiarapid« Alu** ■ Thin high-output cutting disc especially for processing aluminium, non-ferrous metals, copper, brass, bronze etc., thin-walled materials such as pipes, metal sheets, profiles, wires ■ Hardness: medium-hard ■ High cutting output with good tool life ■ Maximum working speed 80 m/s ■ Attention: Good extraction is obligatory in closed rooms, as highly concentrated aluminium dust can lead to explosions!					
	A 60-P	115 x 1 x 22.23	—	13,300	1/25	616512000
	A 60-P	125 x 1 x 22.23	—	12,200	1/25	616513000
	A 46 P	150 x 1.6 x 22.23	—	10,200	1/25	616514000
	A 46 P	180 x 1.6 x 22.23	⌒	8,500	1/25	616515000
	A 46 P	230 x 1.9 x 22.23	⌒	6,600	1/25	616516000
	**Quality class A 30-O »Flexiamant Super« Alu** ■ Universal disc with open structure for processing non-ferrous metals such as aluminium, copper, brass, bronze ... ■ Hardness: soft ■ High cutting output with good tool life ■ Maximum working speed 80 m/s ■ Attention: Good extraction is obligatory in closed rooms, as highly concentrated aluminium dust can lead to explosions!					
	A 30-O	115 x 2.5 x 22.23	⌒	13,300	1/25	616751000
	A 30-O	125 x 2.5 x 22.23	—	12,200	1/25	616752000
	A 30-O	150 x 3 x 22.23	—	10,200	1/25	616753000
	A 30-O	180 x 3 x 22.23	—	8,500	1/25	616122000
	A 30-O	230 x 3 x 22.23	—	6,600	1/25	616126000

Accessories for Angle Grinders

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	**Quality class C 30 »Novoflex« stone** ■ Quality Novoflex: powerful entry-level class ■ Hardness: medium ■ For universal use for processing natural and artificial stone ■ Good cutting performance with good tool life. ■ Maximum working speed 80 m/s					
	C 30	115 x 2.5 x 22.23	⌒	13,300	1/25	**616455000**
	C 30	125 x 2.5 x 22.23	⌒	12,200	1/25	**616428000**
	C 30	150 x 3 x 22.23	—	10,200	1/25	**616449000**
	C 30	180 x 3 x 22.23	⌒	8,500	1/25	**616458000**
	C 30	230 x 3 x 22.23	—	6,600	1/25	**616453000**
	C 30	230 x 3 x 22.23	⌒	6,600	1/25	**616479000**
	**Quality class C 30-S »Flexiamant Super« stone** ■ Universal disc for processing natural and artificial stone ■ Hardness: medium ■ High cutting output with good tool life ■ Maximum working speed 80 m/s					
	C 30-S	115 x 2.5 x 22.23	⌒	13,300	1/25	**616728000**
	C 30-S	125 x 2.5 x 22.23	⌒	12,200	1/25	**616312000**
	C 30-S	125 x 2.5 x 22.23	—	12,200	1/25	**616733000**
	C 30-S	180 x 3 x 22.23	—	8,500	1/25	**616143000**
	C 30-S	230 x 3 x 22.23	—	6,600	1/25	**616147000**
	C 30-S	230 x 3 x 22.23	⌒	6,600	1/25	**616303000**
	**Quality class C 60-T »Flexiamant Super« stone** ■ Super thin special disc for processing tiles, ceramics, clinkers etc. ■ Hardness: hard ■ Very high cutting output with above average tool life ■ Quick cutting time, less cutting wastage, cleaner cutting edges ■ Maximum working speed 80 m/s					
	C 60-T	115 x 1.5 x 22.23	—	13,300	1/25	**616195000**
	C 60-T	125 x 1.5 x 22.23	—	12,200	1/25	**616196000**

Cutting discs for cutting machines/petrol cutters

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	**Quality class A 24 N »Flexiamant Super« steel** ■ For use in all steel processing applications, also for cast materials ■ Hardness: medium ■ High cutting output with good tool life ■ Maximum working speed 80 m/s ■ Cutting discs with 3 inside fabrics due to the increased side load with gasoline cutters					
	A 24-N	300 x 3.5 x 20	—	5,090	1/10	**616136000**
	A 24-N	300 x 3.5 x 22.2	—	5,090	1/10	**616135000**
	A 24-N	300 x 3.5 x 25.4	—	5,090	1/10	**616137000**
	**Quality class C 24-N »Flexiamant Super« stone** ■ For processing natural and artificial stone, non-ferrous metals ■ Hardness: medium ■ High cutting output with good tool life ■ Maximum working speed 80 m/s ■ Cutting discs with 3 inside fabrics due to the increased side load with gasoline cutters					
	C 24-N	300 x 3.5 x 20	—	5,090	1/10	**616156000**
	C 24-N	300 x 3.5 x 22.23	—	5,090	1/10	**616155000**

Cutting discs for table-top cutting machines

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	**Quality class A 30-R / A 36-S »Flexiamant Super« steel** ■ Good cutting output with good tool life in steel ■ Tough version for powerful machines (machine load > 3 KW ■ A 36-S: with an inside gauze for quick cuts ■ Maximum working speed 80 m/s					
	A 30-R	300 x 2.5 x 25.4	—	5,090	1/10	**616328000**
	A 30-R	350 x 3 x 25.4	—	4,365	1/10	**616327000**
	A 36-S	350 x 3 x 25.4	—	4,365	1/10	**616339000**
	**Quality class A 24-M »Flexiamant Super« Steel** ■ High cutting output with good tool life in steel ■ Soft version for less powerful machines (machine load <3 KW) ■ Maximum working speed 80 m/s					
	A 24-M	350 x 3 x 25.4	—	4,365	1/10	**616338000**
	A 24-M	400 x 3 x 25.4	—	3,820	1/10	**616215000**
	**Quality class A 36-R »Flexiamant Super« Inox** ■ Medium-hard special cutting disc for stainless steel ■ High cutting output with good tool life ■ Low in iron and sulphur <0.1% ■ Maximum working speed 80 m/s ■ Medium hard version for less powerful machines (machine load <3 KW)					
	A 36-R	350 x 3 x 25.4	—	4,365	1/10	**616343000**

Cutting discs for stationary cutting machines

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	**Quality class A 30-S »Flexiamant Super« steel** ■ Universal use in metal processing ■ Hardness: hard ■ High cutting output with good tool life ■ Maximum working speed 100 m/s ■ For powerful machines (machine load > 5 KW)					
	A 30-S	300 x 3 x 25.4	—	6,365	1/10	**616202000**
	A 30-S	350 x 3.5 x 25.4	—	5,460	1/10	**616203000**
	A 30-S	400 x 4 x 25.4	—	4,775	1/10	**616204000**
	A 30-S	350 x 4 x 22.23	—	5,460	1/10	**616201000**
	**Quality class C 30-S »Flexiamant Super« stone** ■ Universal use for processing natural and artificial stone ■ Also suitable for processing non-ferrous metals ■ Hardness: hard ■ High cutting output with good tool life ■ Maximum working speed 100 m/s ■ For powerful machines (machine load > 5 KW)					
	C 30-S	300 x 3 x 25.4	—	6,365	1/10	**616212000**
	C 30-S	350 x 3.5 x 25.4	—	5,460	1/10	**616213000**

Grinding discs for hand-held angle grinders

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	**Quality class A 24 »Novoflex« steel** ■ Quality Novoflex: powerful entry-level class ■ Hardness: medium-hard ■ Universal use in metal processing ■ Good material removal with good tool life ■ Maximum working speed 80 m/s					
	A 24	100 x 6 x 16		15,300	1/25	616429000
	A 24	115 x 6 x 22.23		13,300	1/25	616460000
	A 24	125 x 6 x 22.23		12,200	1/25	616462000
	A 24	150 x 6 x 22.23		10,200	1/25	616464000
	A 24	180 x 6 x 22.23		8,500	1/10	616465000
	A 24	230 x 6 x 22.23		6,600	1/10	616468000
	**Quality class A 24-N »Flexiamant« Steel** ■ Universal disc for all metal processing requirements ■ Hardness: medium ■ High cutting output with good tool life ■ Maximum working speed 80 m/s					
	A 24-N	100 x 6 x 16		15,300	1/25	616745000
	A 24-N	115 x 4 x 22.23		13,300	1/25	616736000
	A 24-N	115 x 6 x 22.23		13,300	1/25	616726000
	A 24-N	115 x 6.8 x 22.23		13,300	1/25	616725000
	A 24-N	125 x 4 x 22.23		12,200	1/25	616680000
	A 24-N	125 x 6 x 22.23		12,200	1/25	616730000
	A 24-N	150 x 6 x 22.23		10,200	1/25	616554000
	A 24-N	180 x 6 x 22.23		8,500	1/10	616560000
	A 24-N	180 x 6.8 x 22.23		8,500	1/10	616563000
	A 24-N	180 x 8 x 22.23		8,500	1/10	616561000
	A 24-N	230 x 6 x 22.23		6,600	1/10	616572000
	A 24-N	230 x 8 x 22.23		6,600	1/10	616573000
	**Quality class A 24-T »Flexiamant Super« Steel** ■ Universal disc for all metal processing requirements ■ Especially suitable for deburring and grinding edges, also for cast processing ■ Hardness: hard ■ Good material removal with extremely good tool life ■ Maximum working speed 80 m/s					
	A 24-T	115 x 6 x 22.23		13,300	1/25	616275000
	A 24-T	125 x 6 x 22.23		12,200	1/25	616486000
	A 24-T	150 x 6 x 22.23		10,200	1/25	616487000
	A 24-T	180 x 6 x 22.23		8,500	1/10	616277000
	A 24-T	180 x 7.2 x 22.23		8,500	1/10	616276000
	A 24-T	230 x 6 x 22.23		6,600	1/10	616279000
	**Quality class A 46 P »Flexiamant Super FKS« Inox** ■ Special grinding disc for processing fillet welds in stainless steel and steel, thanks to a high finish quality. Other application examples: Processing of weld seams, deburring, grinding of corners and edges ■ Particularly suited for front facing working with the Metabo flat-head angle grinders ■ Clean cut with high material removal ensures excellent cutting output ■ Different grain levels can be selected - additional fine grinding can consequently be omitted ■ The grinding disc has a sectioned rim, therefore best-suited for the individual processing of the material ■ Suitable for rust and acid resistant steels (V2A, NIrosta, INOX), highly solid, high-alloy steels, hardened steels, construction steels, grey cast iron ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %)/hardness: medium ■ Maximum working speed 80 m/s					
	A 46 P / 40	125 x 4 x 22.23		12,200	1/10	616197000
	A 46 P / 60	125 x 4 x 22.23		12,200	1/10	616198000
	A 46 P / 40	150 x 4 x 22.23		10,200	1/10	616199000
	A 46 P / 60	150 x 4 x 22.23		10,200	1/10	616200000

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	**Quality class A 36-O »Flexiamant Super« Inox** ■ Special disc for processing stainless steels ■ Low in iron and sulphur <0.1% ■ Hardness: soft ■ Very good material removal with good tool life ■ Maximum working speed 80 m/s					
	A 36-O	100 x 6 x 16		15,300	1/25	616735000
	A 36-O	115 x 6 x 22.23		13,300	1/25	616739000
	A 36-O	125 x 6 x 22.23		12,200	1/25	616747000
	A 36-O	150 x 6 x 22.23		10,200	1/25	616604000
	A 36-O	180 x 6 x 22.23		8,500	1/10	616610000
	A 36-O	230 x 6 x 22.23		6,600	1/10	616622000
	**Quality class CA 36 O »M-Calibur« Inox** ■ The latest generation of grinding discs with ceramic grinding media ■ Maximum material removal with extremely high tool life thanks to special ceramic corundum with new bonding ■ Highest productivity and work progress ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %) ■ For all rust and acid resistant steels (V2A, Nirosta, INOX), high-allow steels, spring steels, tool steels. ■ Maximum working speed: 80 m/s ■ Hardness: medium-hard					
	CA 36-O	115 x 7 x 22.23		13,300	1/25	616290000
	CA 36-O	125 x 7 x 22.23		12,200	1/25	616291000
	CA 36-O	180 x 7 x 22.23		8,500	1/10	616292000
	**Quality class A 36-M »Flexiamant Super« Alu** ■ Special disc with open structure for high material removal and good tool life ■ Hardness: soft ■ Best suited for processing lubricating materials such as aluminium, bronze, copper, brass ■ Maximum working speed 80 m/s ■ Attention: Good extraction is obligatory in closed rooms, as highly concentrated aluminium dust can lead to explosions!					
	A 36-M	115 x 6 x 22.23		13,300	1/25	616748000
	A 36-M	125 x 6 x 22.23		12,200	1/25	616749000
	A 36-M	150 x 6 x 22.23		10,200	1/25	616754000
	A 36-M	180 x 6 x 22.23		8,500	1/10	616760000
	A 36-M	230 x 6 x 22.23		6,600	1/10	616763000
	**Quality class C 24-N »Flexiamant Super« stone** ■ Special disc for rough grinding on concrete, natural and artificial stone ■ Hardness: soft ■ High material removal with good tool life ■ Maximum working speed 80 m/s					
	C 24-N	115 x 6 x 22.23		13,300	1/25	616729000
	C 24-N	125 x 6 x 22.23		12,200	1/25	616731000
	C 24-N	150 x 6 x 22.23		10,200	1/25	616654000
	C 24-N	180 x 6 x 22.23		8,500	1/10	616660000
	C 24-N	230 x 6 x 22.23		6,600	1/10	616672000
	**Quality class ZA 24-T »Flexiamant Super« pipeline** ■ Special disc for pipeline and container construction ■ Welded seam processing in front facing grinding ■ Grinding out welding faults ■ Hardness: hard ■ Very good material removal with good tool life ■ Maximum working speed 80 m/s					
	ZA 24-T	115 x 4 x 22.23		13,300	1/25	616792000
	ZA 24-T	180 x 4 x 22.23		8,500	1/10	616795000
	ZA 24-T	230 x 4 x 22.23		6,600	1/10	616796000



Quality class ZA 24-T »Flexiamant Super« cast
- Especially for processing different cast materials
- Suitable for surface grinding, processing of weld seams, chamfering, deburring, etc.
- Abrasive grain: Zirconia alumina
- Hardness: hard
- Very high material removal with good tool life
- Maximum working speed 80 m/s

Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
ZA 24-T	115 x 7 x 22.23	⌒	13,300	1/10	616517000
ZA 24-T	125 x 7 x 22.23	⌒	12,200	1/10	616518000
ZA 24-T	180 x 7 x 22.23	⌒	8,500	1/10	616519000

Cup wheels, tapered



Quality class A 16-Q
- Surface grind across the entire metal processing sector with angle grinders
- Hardness: hard
- Resin-bonded
- Good material removal with good tool life
- Maximum working speed 50 m/s
- For angle grinders with grinding wheel Ø 180 mm and 230 mm

Diameter x thickness x bore mm	Maximum speed /min	Sales unit / packing unit	Order no.
110 x 55 x 22.23	8,600	1/6	616170000
110 x 55 x 22.23	8,600	1/1	630725000*



Quality class C 16-N
- For rough work, even for cast iron
- Resin-bonded
- Good material removal with good tool life
- Surface grinding across the entire stone processing sector
- Also suitable for cast iron materials and non-ferrous metals
- Maximum working speed 50 m/s
- For angle grinders with grinding wheel Ø 180 mm and 230 mm
- Hardness: medium-hard

Diameter x thickness x bore mm	Maximum speed /min	Sales unit / packing unit	Order no.
110 x 55 x 22.23	8,600	1/6	616171000
110 x 55 x 22.23	8,600	1/1	630726000*



Quality class C 36-M
- For general tasks
- Resin-bonded
- Good material removal with good tool life
- Surface grinding across the entire stone processing sector
- Also suitable for cast iron materials and non-ferrous metals
- Maximum working speed 50 m/s
- For angle grinders with grinding wheel Ø 180 mm and 230 mm
- Hardness: medium-hard

Diameter x thickness x bore mm	Maximum speed /min	Sales unit / packing unit	Order no.
110 x 55 x 22.23	8,600	1/6	616177000

Cup wheels, cylindrical



Quality class A 80-M steel
- Surface grinding for all metal processing needs
- Hardness: medium
- Resin-bonded
- Good material removal with good tool life
- Only for dry sanding/grinding
- Maximum working speed 50 m/s
- For angle grinders with grinding wheel Ø 115 mm, 125 mm and 150 mm

Diameter x thickness x bore mm	Maximum speed /min	Sales unit / packing unit	Order no.
80 x 25 x 22.23	11,940	1/20	629174800
80 x 25 x 22.23	11,940	1/1	630727000*



Quality class C 30-N stone
- Surface grinding for all stone processing applications
- Hardness: medium
- Resin-bonded
- Good material removal with good tool life
- Only for dry sanding/grinding
- Maximum working speed 50 m/s
- For angle grinders with grinding wheel Ø 115 mm, 125 mm and 150 mm

Diameter x thickness x bore mm	Maximum speed /min	Sales unit / packing unit	Order no.
80 x 25 x 22.23	11,940	1/20	629175300
80 x 25 x 22.23	11,940	1/1	630728000*

* Self-service packaging

Flap discs and fibre discs with ceramic grain



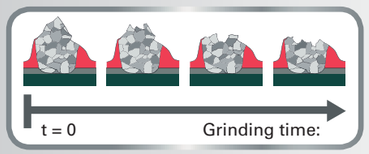
- **Extremely long tool life**
  with high-grade ceramic grain
- Extremely high material removal
  with low effort
- **Uniform material removal across the entire service life**
  with self-sharpening ceramic grain
- **Good bonding of the ceramic grain on the carrier material**
- **Grind-active additional layer**
- **Cool grinding on surfaces and edges**
- **Fields of application:;**
  Processing of sheet metal, container construction, die-cast parts, pipes, bars, metal, stainless steel, high-alloy steels, titanium alloy, chrome-nickel steel, brass, bronze etc.

  Ideal also for extreme grinding jobs

The Metabo Convex flap discs.



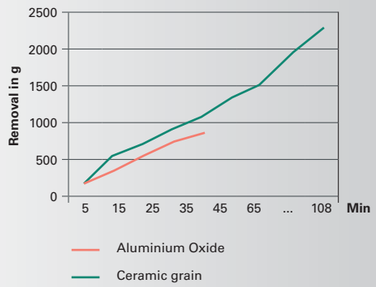
- **The ideal shape for fillet welds**
  Achieve the optimum finish faster
- **Extremely long tool life**
  thanks to high-quality ceramic grit and/or zirconia alumina
- **Extremely high and fast material removal**
  thanks to high-quality ceramic grit and/or zirconia alumina
- **Faster and more efficient work results**
  thanks to the design which is ideally adapted to fillet welds, also suitable for surface grinding
- **Particularly long service life**
  thanks to the use of ceramic grit and/or zirconia alumina and the high number of lamellae
- **Specially shaped flap disc**
  with lamellae that are rounded off towards the outer edges,
  → suitable for all angle grinders
- **Maximum working speed 80 m/s**



In the ceramic grit, fine aluminium oxide (Al_2O_3) crystals are bonded to each other by means of a sintering process.
The grinding forces cause the micro crystals to break off during the grinding process so that the grinding grit always gets new, sharp cutting edges.

	Removed material after the end of the grinding time
Aluminium Oxide	890.0 g
Ceramic grain	2295.0 g

A ceramic grit fibre disc manages 2.5 times the removal of an aluminium oxide disc



Flap discs

	Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	**Quality class aluminium oxide »Flexiamant«** ■ Suitable for rough and intermediate grinding of steel, non-ferrous metals, wood and plastics ■ High lamellar lining on fibreglass plate ■ Uniform grinding capacity ■ Cool grinding ■ Low noise level ■ Uniform grinding result, comfortable grinding with only low vibration ■ Maximum working speed 80 m/s ■ Tilted version: angle of attack 7-9°					
	115 x 22.23	P 40	⌒	13,300	1/10	624391000
	115 x 22.23	P 60	⌒	13,300	1/10	624392000
	115 x 22.23	P 80	⌒	13,300	1/10	624393000
	115 x 22.23	P 120	⌒	13,300	1/10	624394000
	125 x 22.23	P 40	⌒	12,200	1/10	624395000
	125 x 22.23	P 60	⌒	12,200	1/10	624396000
	125 x 22.23	P 80	⌒	12,200	1/10	624397000
	125 x 22.23	P 120	⌒	13,300	1/10	624398000
	**Quality class zirconia alumina »Novoflex«** ■ Suitable for rough and intermediate grinding in all fields of metalworking including stainless steel, steel, cast iron, and sheet steel ■ Quality »Novoflex«: powerful entry-level class ■ Uniform grinding capacity ■ Cool grinding ■ Uniform grinding result, comfortable grinding with only low vibration ■ Most suitable for processing stainless steels ■ Maximum working speed 80 m/s ■ Tilted version: angle of attack 7-9°					
	115 x 22.23	P 40	⌒	13,300	1/10	623175000
	115 x 22.23	P 60	⌒	13,300	1/10	623176000
	115 x 22.23	P 80	⌒	13,300	1/10	623177000
	115 x 22.23	P 120	⌒	13,300	1/10	623178000
	125 x 22.23	P 40	⌒	12,200	1/10	623195000
	125 x 22.23	P 60	⌒	12,200	1/10	623196000
	125 x 22.23	P 80	⌒	12,200	1/10	623197000
	125 x 22.23	P 120	⌒	12,200	1/10	623198000
	178 x 22.23	P 40	⌒	8,500	1/10	623112000
	178 x 22.23	P 60	⌒	8,500	1/10	623114000
	178 x 22.23	P 80	⌒	8,500	1/10	623115000
	**Quality class zirconia alumina »Flexiamant«** ■ Suitable for rough and intermediate grinding in all fields of metalworking including stainless steel, steel, cast iron, and sheet steel ■ High lamellar lining on fibreglass plate ■ Uniform grinding capacity ■ Cool grinding ■ Low noise level ■ Uniform grinding result, comfortable grinding with only low vibration ■ Most suitable for processing stainless steels ■ Maximum working speed 80 m/s; tilted version: angle of attack 7-9°					
	115 x 22.23	P 40	⌒	13,300	1/10	624241000
	115 x 22.23	P 60	⌒	13,300	1/10	624243000
	115 x 22.23	P 80	⌒	13,300	1/10	624244000
	115 x 22.23	P 120	⌒	13,300	1/10	624239000
	125 x 22.23	P 40	⌒	12,200	1/10	624275000
	125 x 22.23	P 60	⌒	12,200	1/10	624277000
	125 x 22.23	P 80	⌒	12,200	1/10	624278000
	125 x 22.23	P 120	⌒	12,200	1/10	624279000
	178 x 22.23	P 40	⌒	8,500	1/10	624256000
	178 x 22.23	P 60	⌒	8,500	1/10	624258000
	178 x 22.23	P 80	⌒	8,500	1/10	624259000

	Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	178 x 22.23	P 120	⌒	8,500	1/10	624276000
	115 x 22.23	P 40	—	13,300	1/10	624246000
	115 x 22.23	P 60	—	13,300	1/10	624247000
	115 x 22.23	P 80	—	13,300	1/10	624248000
	125 x 22.23	P 40	—	12,200	1/10	624475000
	125 x 22.23	P 60	—	12,200	1/10	624477000
	125 x 22.23	P 80	—	12,200	1/10	624478000
	178 x 22.23	P 40	—	8,500	1/10	624356000
	178 x 22.23	P 60	—	8,500	1/10	624358000
	178 x 22.23	P 80	—	8,500	1/10	624359000



Quality class ceramic »Flexiamant Super«
- Extremely high material removal with little effort thanks to the self-sharpening ceramic grain.
- Excellent results for surface and edge grinding of steel and stainless steel. Ideal for extreme grinding jobs like processing high-alloy steels, titanium alloys, nickel-based alloys as well as chromium and chromium-nickel steels, brass and bronze thanks to high load capacity.
- Very high tool life; cool grinding on surfaces and edges
- Uniform grinding result, comfortable grinding with only low vibration
- Maximum working speed 80 m/s
- Tilted version: angle of attack 7-9°

	115 x 22.23	P 40	⌒	13,300	1/10	626166000
	115 x 22.23	P 60	⌒	13,300	1/10	626167000
	115 x 22.23	P 80	⌒	13,300	1/10	626168000
	125 x 22.23	P 40	⌒	12,200	1/10	626169000
	125 x 22.23	P 60	⌒	12,200	1/10	626170000
	125 x 22.23	P 80	⌒	12,200	1/10	626171000



Quality class zirconia alumina »Flexiamant Convex«
- Specially shaped flap disc with lamellae that are rounded off towards the outer edges.
- Grinding media: Zirconia alumina
- Thanks to the special design it is particularly suited for processing fillet welds; making faster and more efficient processing possible; also suitable for surface grinding
- High material removal with very high tool life thanks to the use of zirconia alumina
- Suitable for processing stainless steel and steel
- Uniform grinding result, comfortable grinding with only low vibration
- Maximum working speed 80 m/s

	125 x 22.23	P 40	⌒	12,200	1/10	626462000
	125 x 22.23	P 60	⌒	12,200	1/10	626463000
	125 x 22.23	P 80	⌒	12,200	1/10	626464000
	150 x 22.23	P 40	⌒	10,200	1/10	626490000
	150 x 22.23	P 60	⌒	10,200	1/10	626491000
	150 x 22.23	P 80	⌒	10,200	1/10	626492000



Quality class ceramic »Flexiamant Super Convex«
- Specially shaped flap disc with lamellae that are rounded off towards the outer edges.
- Thanks to the special design it is particularly suited for processing fillet welds; making faster and more efficient processing possible; also suitable for surface grinding
- Very high material removal with very high tool life thanks to the use of ceramic grain.
- Cool cut for materials with poor thermal conduction
- For grinding of steel and stainless steel. Ideal for extreme grinding jobs like processing high-alloy steels, titanium alloys, nickel-based alloys as well as chromium and chromium-nickel steels, brass and bronze thanks to high load capacity.
- Uniform grinding result, comfortable grinding with only low vibration
- Maximum working speed 80 m/s

	125 x 22.23	P 60	⌒	12,200	1/10	626460000
	125 x 22.23	P 80	⌒	12,200	1/10	626461000
	150 x 22.23	P 60	⌒	10,200	1/10	626488000
	150 x 22.23	P 80	⌒	10,200	1/10	626489000

Combination flap discs - KLS



- Made from high-quality pink aluminium oxide fabric in combination with high-quality nylon web.
- For removal of material to fine polish in a single process. Very even grinding/polishing result with good material removal.
- For processing weld seams for example, and for grinding or polishing. For removing minor scratches and damage to the work piece.
- Suitable for grinding, cleaning and finishing work on stainless steel, steel, coloured and light metals, titanium alloys.
- Maximum working speed: 80 m/s
- Recommended speed: 3,000 /min

Diameter x bore mm	Grit	Sales unit / packing unit	Order no.
125 x 22.23	Coarse	1 / 1	626369000*
125 x 22.23	Coarse	1 / 5	626415000
125 x 22.23	medium	1 / 1	626370000*
125 x 22.23	medium	1 / 5	626416000

Fleece compact polishing discs »Unitized« - VKS



- Made of compacted fleece material on a fibreglass backing pad
- For cleaning and polishing surfaces, for smoothing weld seams; reduces the number of working stages required
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels
- Max. torque: 8,000 /min; 52 m/s
- Recommended speed: 3,000 /min

Diameter x thickness x bore mm	Grit	Sales unit / packing unit	Order no.
125 x 22.23	Very fine	1 / 1	626368000*
125 x 22.23	Very fine	1 / 5	626417000

Fleece compact grinding discs »Unitized« - VKS-ZK



- Several layers of pressed fleece material, soaked with resin-bonded abrasive grain (zirconia alumina)
- The addition of abrasive grain covers a range of applications from deburring to soft and flexible finishing jobs. It is suited for deburring, smoothing of weld seams, precise cleaning and finishing of surfaces.
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels
- Profiling of the grinding media possible for precise working. Very low roughing of the processed material.
- Bore 22.23 mm (for angle grinder)
- Max. 10,000/min; recommended speed: 3,000/min

Diameter x thickness x bore mm	Grit	Sales unit / packing unit	Order no.
125 x 6 x 22.23	Coarse	1 / 5	626482000
125 x 6 x 22.23	medium	1 / 5	626483000

* Self-service packaging

Flap wheels



Quality class ceramic »Flexiamant Super«
- Flap wheel with straight profiled lamellae, particularly suited for processing fillet welds. The profiled lamellae, arranged radially in the shape of a fan, adapt exceptionally well to the contours of the work piece. Ideally suited for an even and smooth weld seam. Thanks to the offset shape it can also be used at hard to reach places.
- High material removal with high tool life thanks to the use of ceramic grain.
- Excellent results for surface and edge grinding of steel and stainless steel. Ideal for extreme grinding jobs like processing high-alloy steels, titanium alloys, nickel-based alloys as well as chromium and chromium-nickel steels, brass and bronze thanks to high load capacity.
- Cool cut for materials with poor thermal conduction
- Maximum speed: 10,000 rpm

Diameter mm	Thickness mm	Female thread	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
125	8	M 14	P 40		10,000	1/5	626470000
125	8	M 14	P 60		10,000	1/5	626471000
125	8	5/8 "	P 40		10,000	1/5	626486000
125	8	5/8 "	P 60		10,000	1/5	626487000

Hook and loop backing pads »Metabo Pyramid«



- Hook and loop, with flexible intermediate layer, foam-moulded; for attaching polishing and sanding accessories
- Sanding pad for polishing and medium-hard grinding jobs. Especially recommended for Metabo Pyramid hook and loop sanding sheets

Female thread	Diameter mm	Thickness mm	Sales unit	Order no.
5/8 "	123	3	1	623298000*
M 14	123	3	1	623300000*

»Metabo Pyramid« hook and loop sanding sheets



- 3-dimensional structure of the grinding media (pyramid-shaped).
- High material removal with, at the same time, a very even and fine grinding result. Long service life. Faster progress when compared to tradition grinding media thanks to the considerable reduction in the number of working stages.
- For removing scratches, mill skin on stainless steel. Preparation for polishing.
- Suitable for use throughout the metal industry; especially for stainless steels, titanium, cobalt, nickel, chrome alloys.

Diameter mm	Grit	Sales unit / packing unit	Order no.
125	P 120 (A 160)	1 / 5	626371000*
125	P 280 (A 65)	1 / 5	626372000*
125	P 400 (A 45)	1 / 5	626373000*
125	P 600 (A 30)	1 / 5	626374000*
125	P 1200 (A 16)	1 / 5	626403000*
125	P 2000 (A 6)	1 / 5	626404000*

Hook and loop fleece compact discs »Unitized« - VKS



- Made from pressed fleece material with hook and loop
- For cleaning and polishing surfaces, for smoothing weld seams; reduces the number of working stages required
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels

Diameter x bore mm	Grit	Sales unit / packing unit	Order no.
125	Very fine	1 / 1	626375000*

Cleaning fleeces



- For the removal of light rust, paint / varnish on metal, cleaning weld seams / steel / copper / aluminium / brass, sanding steel and texturing wood.
- Maximum working speed: 63 m/s
- Recommended speeds at Ø 115 mm: 2,900 /min, Ø 125 mm: 2,700 /min

Diameter x bore mm	Sales unit	Order no.
115 x 22.23	1	624346000*
125 x 22.23	1	624347000*

Semi-flexible sanding sheets



Semi-flexible sanding sheets
- Suitable for use on masonry and stone work
- Grinding media: SiC (silicone carbide); maximum working speed: 80/s

For use with the elastic backing pad 623279000
Diameter: 115 mm
Grit: C 24
Material suitability: stone
Sales unit: 1

Order no.: 624873000

Fibre sanding discs



Aluminium oxide, hole type: round hole, slotted
- Suitable for use throughout the metal industry
- For rough and fine grinding jobs
- Processing weld joints, removing rust, deburring
- High material removal with good tool life
- Even grinding result
- Maximum working speed 80 m/s
- Fibre discs for clamping on backing pad!

Diameter x bore mm	Grit	Maximum speed /min	Sales unit / packing unit	Order no.
100 x 16	P 24	15,300	1/25	624094000
115 x 22.23	P 16	13,300	1/25	624135000
115 x 22.23	P 24	13,300	1/25	624136000
115 x 22.23	P 36	13,300	1/25	624145000
115 x 22.23	P 40	13,300	1/25	624137000
115 x 22.23	P 50	13,300	1/25	624144000
115 x 22.23	P 60	13,300	1/25	624138000
115 x 22.23	P 80	13,300	1/25	624139000
115 x 22.23	P 100	13,300	1/25	624140000
115 x 22.23	P 120	13,300	1/25	624141000
115 x 22.23	P 150	13,300	1/25	624142000
115 x 22.23	P 180	13,300	1/25	624143000
125 x 22.23	P 16	12,200	1/25	624223000
125 x 22.23	P 24	12,200	1/25	624218000
125 x 22.23	P 36	12,200	1/25	624216000
125 x 22.23	P 40	12,200	1/25	624219000
125 x 22.23	P 50	12,200	1/25	624217000
125 x 22.23	P 60	12,200	1/25	624220000
125 x 22.23	P 80	12,200	1/25	624221000
125 x 22.23	P 100	12,200	1/25	624222000
125 x 22.23	P 120	12,200	1/25	624224000
125 x 22.23	P 150	12,200	1/25	624225000
125 x 22.23	P 180	12,200	1/25	624226000
180 x 22.23	P 16	8,500	1/25	624123000
180 x 22.23	P 24	8,500	1/25	624103000

* Self-service packaging

	Diameter x bore mm	Grit	Maximum speed /min	Sales unit / packing unit	Order no.
	180 x 22.23	P 30	8,500	1/25	624124000
	180 x 22.23	P 36	8,500	1/25	624122000
	180 x 22.23	P 40	8,500	1/25	624104000
	180 x 22.23	P 50	8,500	1/25	624102000
	180 x 22.23	P 60	8,500	1/25	624105000
	180 x 22.23	P 80	8,500	1/25	624106000
	180 x 22.23	P 100	8,500	1/25	624107000
	180 x 22.23	P 120	8,500	1/25	624101000
	230 x 22.23	P 24	6,600	1/25	624227000
	230 x 22.23	P 40	6,600	1/25	624228000



Zirconia alumina, hole type: round hole, slotted

- Suitable for use throughout the metal industry
- For rough and fine grinding jobs
- Especially for processing stainless steel
- High material removal with good tool life
- Even grinding result
- Maximum working speed 80 m/s
- Fibre discs for clamping on backing pad!

	115 x 22.23	P 36	13,300	1/25	622971000
	115 x 22.23	P 40	13,300	1/25	622972000
	115 x 22.23	P 50	13,300	1/25	622973000
	115 x 22.23	P 60	13,300	1/25	622974000
	115 x 22.23	P 80	13,300	1/25	622975000
	115 x 22.23	P 100	13,300	1/25	622976000
	115 x 22.23	P 120	13,300	1/25	622977000
	125 x 22.23	P 36	12,200	1/25	622981000
	125 x 22.23	P 40	12,200	1/25	622982000
	125 x 22.23	P 60	12,200	1/25	622984000
	125 x 22.23	P 80	12,200	1/25	622985000
	125 x 22.23	P 100	12,200	1/25	622986000
	125 x 22.23	P 120	12,200	1/25	622987000
	180 x 22.23	P 36	8,500	1/25	622991000
	180 x 22.23	P 40	8,500	1/25	622992000
	180 x 22.23	P 60	8,500	1/25	622994000
	180 x 22.23	P 80	8,500	1/25	622995000
	180 x 22.23	P 100	8,500	1/25	622996000
	180 x 22.23	P 120	8,500	1/25	622997000



Ceramics, hole type: round hole, slotted

- Self-sharpening ceramic grain for extremely high material removal with little effort
- Excellent results for surface grinding of steel and stainless steel. Ideal for extreme grinding jobs such as processing high-alloy steels, titanium alloys, nickel-based alloys as well as chromium and chromium-nickel steels, brass and bronze, thanks to high load capacity.
- Very high tool life; cool grinding
- Ceramic filter discs achieve their best performance on powerful angle grinders with increased down pressure.
- Fibre discs for clamping on backing pad! The backing pads with cooling ribs are recommended for clamping the ceramic fibre discs (e.g. Ø 125 mm, 623291000)
- Maximum working speed 80 m/s

	115 x 22.23	P 24	13,300	1/25	626150000
	115 x 22.23	P 36	13,300	1/25	626151000
	115 x 22.23	P 60	13,300	1/25	626152000
	115 x 22.23	P 80	13,300	1/25	626153000
	125 x 22.23	P 24	12,200	1/25	626154000
	125 x 22.23	P 36	12,200	1/25	626155000
	125 x 22.23	P 60	12,200	1/25	626156000
	125 x 22.23	P 80	12,200	1/25	626157000
	180 x 22.23	P 24	8,500	1/25	626158000
	180 x 22.23	P 36	8,500	1/25	626159000
	180 x 22.23	P 60	8,500	1/25	626160000
	180 x 22.23	P 80	8,500	1/25	626161000

Backing Pads for Fibre Sanding Discs

Backing pads, standard



- Standard version for medium to rough grinding work
- For use with fibre sanding discs
- All pads with flange nut
- Maximum working speed 80 m/s
- 626418000: Special version with longer clamping nut for use on Metabo angle grinders with Autobalancer / brake

Diameter mm		Flange nut	Maximum speed /min	Sales unit / packing unit	Order no.
112		M 14	13,300	1/1	623279000*
122		M 14	12,200	1/1	623278000*
122	NEW	M 14	12,200	1/1	626418000*
175		M 14	8,500	1/1	623275000*
220		M 14	6,600	1/1	623280000*
112		5/8 "	13,300	1/1	623283000*
122		5/8 "	12,200	1/1	623284000*
175		5/8 "	8,500	1/1	623281000*
220		5/8 "	6,600	1/1	623282000*

Backing pads with cooling fins



- For use with fibre sanding discs
- Backing pads with cooling fins are mainly used for all coarse grinding jobs. Also suitable for processing stainless steel The cooling fins run radially on the grinding surface reducing overheating of workpiece and backing pad
- All pads with flange nut
- Maximum working speed 80 m/s

Diameter mm	Flange nut	Maximum speed /min	Sales unit / packing unit	Order no.
112	M 14	13,300	1/1	623290000*
122	M 14	12,200	1/1	623291000*
175	M 14	8,500	1/1	623292000*

Steel-wire Brushes

Steel-wire cup brushes, twisted steel



- For universal use in metal processing, e.g. for cleaning, deburring, purging, removing rust, smoothing welding seams and points, stripping slag, scales and old paint
- For processing large areas, weld seams etc.
- Edging type: twisted steel wire

Diameter mm	Female thread	Wire thickness	Maximum speed /min	Sales unit / packing unit	Order no.
65	M 14	0.35 mm	11,000	1/1	623796000*
65	M 14	0.35 mm	11,000	1/50	623796700
65	5/8 "	0.50 mm	11,000	1/1	623804000*
80	M 14	0.50 mm	8,600	1/1	623710000*
100	M 14	0.50 mm	8,600	1/1	623711000*

* Self-service packaging

Steel-wire cup brushes, stainless steel, twisted



- For universal use in stainless steel processing, e.g. for smoothing welding seams and points, stripping slag, scales and old paint. Ideally suited for processing stainless steels
- Edging type: twisted stainless steel wire

Diameter mm	Female thread	Wire thickness	Maximum speed /min	Sales unit / packing unit	Order no.
65	M 14	0.35 mm	11,000	1/1	623801000*
65	5/8 "	0.35 mm	11,000	1/1	623805000*

Steel-wire cup brushes, crimped steel



- For light surface processing and deburring work in all metal processing
- For processing larger areas, weld seams, metal plates
- Edging type: crimped steel wire

Diameter mm	Female thread	Wire thickness	Maximum speed /min	Sales unit / packing unit	Order no.
75	M 14	0.30 mm	11,000	1/1	623715000*
100	M 14	0.30 mm	8,600	1/1	623719000*

Steel-wire wheel brushes, twisted steel



- For universal use in metal processing, e.g. for processing of profiles, cutting edges, gear wheels, grooves, smoothing welding seams and points, stripping slag, scales and old paint
- Especially suitable for processing narrow workpieces as well as inner edges
- Edging type: twisted steel wire
- 623803000: offset version

Diameter mm	Female thread	Wire thickness	Maximum speed /min	Sales unit / packing unit	Order no.
100	M 14	0.50 mm	12,500	1/1	623803000*
115	M 14	0.50 mm	12,500	1/1	626770000*
125	M 14	0.50 mm	12,500	1/1	626771000*

Steel-wire wheel brush, twisted steel



- For universal use in metal processing, e.g. smoothing weld seams and points, stripping slag, scales and old paint
- Especially suitable for processing narrow workpieces as well as inner edges
- Most suitable for processing stainless steels
- Edging type: twisted stainless steel wire

Diameter mm	Female thread	Wire thickness	Maximum speed /min	Sales unit / packing unit	Order no.
115	M 14	0.50 mm	12,500	1/1	626778000*

Steel-wire wheel brushes, twisted steel, pipeline



- Specially developed for the professional processing of U and V-weld seams in pipeline construction, as well as for root weld seam preparation
- Edging type: twisted steel wire
- Thickness of plait: 6.0 mm

Diameter mm	Bore Ø	Wire thickness	Maximum speed /min	Sales unit / packing unit	Order no.
125	22.23	0.50 mm	12,500	1/1	626815000*
150	22.25	0.50 mm	10,000	1/1	626816000*

* Self-service packaging

Diamond cutting discs: Extremely easy cutting, precise and durable.

When processing concrete and natural stone you require high-quality, robust diamond discs. Metabo diamond cutting discs guarantee precise cutting as they are made from high-quality synthetic diamonds. The main disc body is made from hardened steel and thus guarantees highest safety criteria.

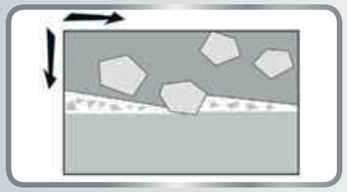


Structure and function of Metabo diamond cutting discs

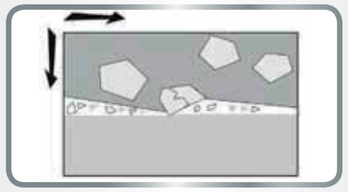
The saw blade
For the stability and smooth running accuracy, the steel core of the Metabo diamond cutting discs is made of hardened steel of a very high quality. The notches between the segments are for cooling purposes and give the disc the required stability.

The cutting segments
The diamond studded segments consist of a mixture of diamond grit and metal powder. In manufacturing of the Metabo diamond cutting discs, only synthetic diamonds of the best quality are used. The mixture of diamonds and bonding agent is compacted under high pressure and temperature. During this process the cutting segment obtains its form. It is thicker than the basic blade so that a relief clearance is obtained.

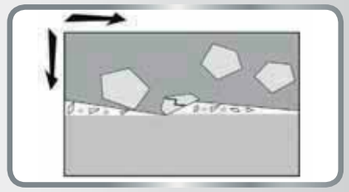
Quality and area of application
The bond between the cutting segments and main disc body is a distinct aspect which you can use to measure for quality and/or the application in which the disc was designed for use:
Soldering:
The connection between segment tips and the main disc is bonded with a silver solder. These discs are only utilized when cutting with water coolant. Due to the high temperatures generated when dry-cutting, segments can become detached. **Increased risk of accidents!**
Sintering:
The cutting segments are bonded to the disc body with temperature and pressure. This bond is so strong that sintered cutting discs can be used for dry-cutting without a problem.
Laser welding:
The best bond is presently obtained with the laser welding process. With the laser beam a strong micro bond between segment and the main disc body is obtained.
Laser welding gives safety of the highest level.



Mode of operation
Each Metabo diamond cutting disc is sharpened at the factory for immediate use. During the sharpening process, the residues between the individual diamonds on the cutting segment are removed.



The metal bond holds all diamonds in place. During the cutting process the exposed diamonds slice through the contact material, leaving only a fine dust afterwards.



During the cutting process the diamonds splinter or break off. The harder the contact material the greater the wear. Simultaneously the material in the segment bond also wears off and bit by bit new diamonds are exposed.

Which diamond cutting disc is suitable for which application?

	Quality class »Professional«					Quality class »Classic«				
	UP Universal	UP-T ...Turbo	CP Concrete	AP Abrasive	TP Tiles	UC Universal	UC-T ...Turbo	CC Concrete	AC Abrasive	TC Tiles
Segment height	12 mm	10 mm	12 mm	12 mm	10 mm	7 mm	8 mm	7 mm	7 mm	8 mm
Material										
Asbestos cement	■■	■■		■■■		■■	■■		■■■	
Basalt	■	■	■			■	■	■		
Concrete	■■	■■	■■■			■■	■■	■■■		
Reinforced concrete	■■	■■	■■■			■■	■■	■■■		
Concrete, curb stones	■■	■■	■■■			■■	■■	■■■		
Concrete plate	■■	■■	■■■			■■	■■	■■■		
Concrete roof tiles	■■	■■	■■■	■		■■	■■	■■■	■	
Concrete industrial floors			■■■					■■■		
Roof tiles, red	■■■	■■■	■	■■	■	■■■	■■■	■	■■	■
Screed	■	■		■■		■	■		■■■	
Fibre cement	■	■		■■■		■	■		■■■	
Glazed tiles					■■■					■■■
Non-glazed tiles					■■■					■■■
Gas or porous concrete	■■	■■		■■■		■■	■■		■■■	
Grey concrete	■■	■■		■■		■■	■■		■■	
Gneiss	■	■	■			■	■	■		
Granite	■	■	■■			■	■	■■		
Sand-lime brick, medium hard	■■	■■	■	■■■		■■	■■	■	■■■	
Sand-lime brick, soft	■■	■■		■■■		■■	■■		■■■	
Sand-lime brick, hard	■	■	■■			■	■	■■		
Ceramic					■■■					■■■
Clinkers, hard	■	■	■■■			■	■	■■■		
Clinkers, soft	■	■		■■■		■	■		■■■	
Marble, dense, not abrasive	■	■	■■	■	■	■	■	■■	■	■
Marble, abrasive, crystalline	■■	■■	■	■■	■	■■	■■	■	■■	■
Mortar	■	■		■■■		■	■		■■■	
Natural sandstone, medium hard	■■	■■	■	■		■■	■■	■	■	
Natural sandstone, soft	■■	■■		■■■		■■	■■		■■■	
Natural slate	■■	■■	■■	■		■■	■■	■■	■	
Proton	■	■		■■■		■	■		■■■	
Porphyry	■	■	■			■	■	■		
Sandstone, medium hard	■■	■■	■	■		■■	■■	■	■	
Sandstone, hard	■■	■■	■■■			■■	■■	■■■		
Sandstone, soft	■■	■■		■■■		■■	■■		■■■	
Fireclay, hard	■■		■■					■■		
Slate stones	■■	■■	■■			■■	■■	■■		
Silicate stones, very abrasive				■■■					■■■	
Terrazzo	■■	■■	■■	■■■		■■	■■	■■	■■■	
Clay pipes	■■	■■		■■		■■	■■		■■	
Clay tile	■■	■■		■■■	■	■■	■■		■■■	■
Travertine	■■	■■		■■■		■■	■■		■■■	
Exposed aggregate concrete	■	■	■■■			■	■	■■■		
Glazed brick			■					■		
Brick, abrasive	■■	■■		■■■		■■	■■		■■■	

■■■ = highly suitable
■■ = well suited

■ = only partially suitable. The exclusive use of these materials will result in reduced service life or reduced cutting capacity

Diamond Cutting Discs

Segmented for general building materials

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Order no.
	**Quality class »classic« / UC** ■ Well suited for all construction/building site materials such as concrete, exposed aggregate concrete, hard sandstone and clay tiles. ■ Good cutting performance, optimum tool life ■ Laser welded diamond segments, segment height: 7.0 mm; Maximum working speed 80 m/s (300 - 400 mm: 100 m/s)					
	115 x 22.23	32 x 2.15 x 7	8	13,200	1	628156000*
	125 x 22.23	32 x 2.15 x 7	9	12,200	1	628157000*
	150 x 22.23	38 x 2.15 x 7	10	10,200	1	628158000*
	180 x 22.23	38 x 2.3 x 7	14	8,500	1	628159000*
	230 x 22.23	40 x 2.5 x 7	15	6,600	1	628160000*
	300 x 20 / 22.23 / 25.4	40 x 3.2 x 7	20	6,300	1	628161000*
	350 x 20 / 22.23 / 25.4	40 x 3.2 x 7	24	5,400	1	628164000*
	400 x 20	40 x 3.2 x 7	28	4,700	1	628166000*
	**Quality class »professional« / UP** ■ Best suited for general construction/building site materials such as concrete, exposed aggregate concrete, hard sandstone, clay tiles. ■ The universal disc with high quality diamonds for optimal cutting performance and a long tool life. ■ Laser welded diamond segments ■ Segment height: 12.0 mm; maximum working speed 80 m/s (300 - 400 mm: 100 m/s)					
	115 x 22.23	32 x 2.15 x 12	8	13,200	1	628111000*
	125 x 22.23	32 x 2.15 x 12	9	12,200	1	628112000*
	125 x 22.23	32 x 2.15 x 12	9	12,200	2	628113000*
	150 x 22.23	38 x 2.15 x 12	10	10,200	1	628114000*
	180 x 22.23	40 x 2.3 x 12	14	8,500	1	628115000*
	230 x 22.23	40 x 2.5 x 12	15	6,600	1	628116000*
	230 x 22.23	40 x 2.5 x 12	15	6,600	2	628117000*
	300 x 20 / 22.23 / 25.4	40 x 3.2 x 12	20	6,300	1	628118000*
	350 x 20 / 22.23 / 25.4	40 x 3.2 x 12	24	5,400	1	628121000*
	400 x 25.4	40 x 3.2 x 12	28	4,700	1	628123000*

For general building materials, closed edge »Turbo«

	Diameter x bore mm	Segment dimensions mm	Maximum speed /min	Sales unit	Order no.
	**Quality class »classic« / UC-T** ■ Well suited for all construction/building site materials such as concrete, exposed aggregate concrete, hard sandstone and clay tiles. ■ The circumferentially closed cutting edge provides a clean cutting edge without material chipping, good cutting performance and optimal tool life. ■ Laser welded diamond segments, segment height: 8.0 mm; Maximum working speed 80 m/s				
	115 x 22.23	2 x 8	13,200	1	628167000*
	125 x 22.23	2 x 8	12,200	1	628168000*
	150 x 22.23	2 x 8	10,200	1	628169000*
	180 x 22.23	2.3 x 8	8,500	1	628170000*
	230 x 22.23	2.5 x 8	6,600	1	628171000*

* Self-service packaging

Accessories for Angle Grinders

	Diameter x bore mm	Segment dimensions mm	Maximum speed /min	Sales unit	Order no.
	**Quality class »professional« / UP-T** ■ Best suited for general construction/building site materials such as concrete, exposed aggregate concrete, hard sandstone, clay tiles. ■ The circumferentially closed »Turbo« cutting edge provides a clean cutting edge without material chipping, providing optimal cutting performance and long tool life. ■ Sintered cutting edge ■ Segment height: 9.6 mm; Maximum working speed 80 m/s				
	115 x 22.23	2.2 x 9.6	13,200	1	628124000*
	125 x 22.23	2.2 x 9.6	12,200	1	628125000*
	150 x 22.23	2.2 x 9.6	10,200	1	628126000*
	180 x 22.23	2.5 x 9.6	8,500	1	628127000*
	230 x 22.23	2.7 x 9.6	6,600	1	628128000*

Segmented; for hard materials

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Order no.
	**Quality class »classic« / CC** ■ Ideal for all hard materials such as concrete (including reinforced), concrete pipes, kerbstones, granite, hard sandstone, facing stones, exposed aggregate concrete. ■ High diamond quality with soft bond for good cutting performance and optimal tool life ■ Laser welded diamond segments, segment height: 7.0 mm; Maximum working speed 80 m/s (300 - 350 mm: 100 m/s)					
	115 x 22.23	32 x 2.15 x 7	8	13,200	1	628172000*
	125 x 22.23	32 x 2.15 x 7	9	12,200	1	628173000*
	150 x 22.23	38 x 2.15 x 7	10	10,200	1	628174000*
	180 x 22.23	38 x 2.3 x 7	14	8,500	1	628175000*
	230 x 22.23	40 x 2.5 x 7	15	6,600	1	628176000*
	300 x 20	40 x 2.8 x 7	20	6,300	1	628177000*
	350 x 20	40 x 3.2 x 7	24	5,400	1	628180000*
	**Quality class »professional« / CP** ■ Ideal for all hard building materials such as concrete (including reinforced), concrete pipes, granite, hard sandstones, facing stones, exposed aggregate concrete. ■ The diamond quality and soft bond provides optimal cutting performance and long tool life ■ Laser welded diamond segments ■ Segment height: 12.0 mm; maximum working speed 80 m/s (300 - 350 mm: 100 m/s)					
	115 x 22.23	32 x 2.15 x 12	8	13,200	1	628129000*
	125 x 22.23	32 x 2.15 x 12	9	12,200	1	628130000*
	125 x 22.23	32 x 2.15 x 12	9	12,200	2	628131000*
	150 x 22.23	38 x 2.15 x 12	10	10,200	1	628132000*
	180 x 22.23	40 x 2.3 x 12	14	8,500	1	628133000*
	230 x 22.23	40 x 2.5 x 12	15	6,600	1	628134000*
	230 x 22.23	40 x 2.5 x 12	15	6,600	2	628135000*
	300 x 20 / 22.23 / 25.4	40 x 3.2 x 12	20	6,300	1	628136000*
	350 x 20 / 22.23 / 25.4	40 x 3.2 x 12	24	5,400	1	628139000*

* Self-service packaging

Segmented for abrasive materials

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Order no.
	**Quality class »classic« / AC** ■ For all soft and abrasive materials such as fresh concrete, sand-lime brick, sand stone ■ High diamond quality with hard bond for good cutting performance and optimal tool life ■ Laser welded diamond segments, segment height: 7.0 mm; Maximum working speed 80 m/s (300 - 350 mm: 100 m/s)					
	115 x 22.23	32 x 2.15 x 7	8	13,200	1	628182000*
	125 x 22.23	32 x 2.15 x 7	9	12,200	1	628183000*
	150 x 22.23	38 x 2.15 x 7	10	10,200	1	628184000*
	180 x 22.23	38 x 2.3 x 7	14	8,500	1	628185000*
	230 x 22.23	40 x 2.5 x 7	15	6,600	1	628186000*
	300 x 20	40 x 3.2 x 7	20	6,300	1	628187000*
	350 x 20	40 x 3.2 x 7	24	5,400	1	628190000*
	**Quality class »professional« / AP** ■ For best cutting performance in soft, abrasive materials, such as fresh concrete, sand-lime brick, sand stone ■ High diamond quality with soft bond ensures optimal cutting performance and long tool life ■ Laser welded diamond segments ■ Segment height: 12.0 mm; maximum working speed 80 m/s (300 - 350 mm: 100 m/s)					
	115 x 22.23	32 x 2.15 x 12	8	13,200	1	628141000*
	125 x 22.23	32 x 2.15 x 12	9	12,200	1	628142000*
	150 x 22.23	38 x 2.15 x 12	10	10,200	1	628143000*
	180 x 22.23	40 x 2.3 x 12	14	8,500	1	628144000*
	230 x 22.23	40 x 2.5 x 12	15	6,600	1	628145000*
	300 x 20 / 22.23 / 25.4	40 x 3.2 x 12	20	6,300	1	628146000*
	350 x 20 / 22.23 / 25.4	40 x 3.2 x 12	24	5,400	1	628149000*

For tiles; enclosed edge

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Order no.
	**Quality class »classic« / TC** ■ Special disc for all types of tiles, glazed and unglazed, natural stone slabs ■ Good cutting performance and optimal tool life ■ Diamond disc with a good price / performance ratio ■ Sintered cutting edge, segment height: 7.0 mm; Maximum working speed 80 m/s					
	115 x 22.23	1.7 x 7		13,200	1	628192000*
	125 x 22.23	1.7 x 7		12,200	1	628193000*
	150 x 22.23	1.7 x 7		10,200	1	628194000*
	180 x 22.23	1.7 x 7		8,500	1	628195000*
	230 x 22.23	1.7 x 7		6,600	1	628196000*
	**Quality class »professional« / TP** ■ Special disc to meet the highest demands for all types of tiles, glazed and unglazed, natural stone slabs, fine earthenware ■ Optimal cutting quality and long tool life. ■ Sintered cutting edge ■ Segment height: 10.0 mm; Maximum working speed 80 m/s					
	115 x 22.23	1.7 x 10		13,200	1	628151000*
	125 x 22.23	1.7 x 10		12,200	1	628152000*
	150 x 22.23	1.7 x 10		10,200	1	628153000*
	180 x 22.23	1.7 x 10		8,500	1	628154000*
	230 x 22.23	1.7 x 10		6,600	1	628155000*

Diamond Cup Wheels

For hard materials, quality class concrete »professional«



- Powerful diamond grinding wheel. Particularly suited for grinding of thick concrete layers, levelling of concrete, preparation of concrete, removal of sludge residue and formwork seams on concrete, removal of hard cement, chalk-cement-plaster, hard screed, levelling of granite, natural stone and other very hard materials, for clean processing of edges, without chipping
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Sales unit	Order no.
125 x 22.23	16	1	628205000*

For abrasive materials, quality class abrasive »professional«



- Powerful diamond grinding cup wheel. Particularly suited for grinding of fresh concrete coatings, chalk and cement plaster, gypsum filler, levelling of fresh screed, removal of tile adhesive and processing of marble
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Sales unit	Order no.
125 x 22.23	16	1	628206000*

For protective concrete coatings, quality class »professional«



- Powerful specialized cup wheel. Ideally suited for spot grinding and removal of elastic protective coatings (on soft and hard surfaces), adhesives, sealants, removal of latex and oil paints, bitumen, PU/polyurethane, epoxy, elastic adhesive, for removal of lime plaster and gypsum plaster, abrading of resin plaster and hard cement plaster.
- Cup wheel equipped with PCD segments (poly-crystalline diamonds). By virtue of the PCD segments, particularly problematic coatings are removed quickly and effectively without bonding.
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Sales unit	Order no.
125 x 22.23	12	1	628208000*

For hard materials, quality class concrete »classic«



- Double-coated diamond cup wheel for grinding of thick concrete layers, levelling of concrete, preparation of concrete, removal of sludge skins and formwork seams on concrete, removal of hard cement, chalk-cement-plaster, hard screed, levelling of granite, natural stone and other very hard materials
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Sales unit	Order no.
125 x 22.23	20	1	628209000*

* Self-service packaging

Diamond Drill Bits

Diamond drill bits for tiles »Dry«, M14



- M14 Thread for use on angle grinders
- Vacuum hard soldered diamonds for a long service life and quick drilling progress
- Aperture in the shank for easy removal of the drilled core
- Developed for dry application, no extra cooling required. We recommend to briefly cool the tip with water in case of drilling in quick succession!
- We recommend using the thickness of the tile / fine earthenware / granite board as useful length. As a rule, max. 2 cm granite boards / work boards up to 5 cm can be drilled. Retract the drill bit often from the drilled hole so that it can cool down!
- Important: Do not drill into the subsurface in case of laid material!

Diameter mm	Overall length mm	Sales unit	Order no.
6	64	1	628300000*
8	64	1	628301000*
10	64	1	628302000*
12	64	1	628303000*
14	64	1	628304000*
18	91	1	628305000*
20	91	1	628306000*
25	91	1	628307000*
32	91	1	628308000*
35	91	1	628309000*
40	91	1	628310000*
45	91	1	628318000*
50	91	1	628311000*
55	91	1	628312000*
60	91	1	628313000*
68	91	1	628314000*
75	91	1	628315000*
82	91	1	628316000*

Diamond drill bit sets for tiles

- M14 Thread for use on angle grinders
- Vacuum hard soldered diamonds for a long service life and quick drilling progress
- Aperture in the shank for easy removal of the drilled core
- Developed for dry use, no separate cooling required

		Order no.
	**Diamond drill bit set for tiles »Dry« 7 pieces** Set consisting of: each 1 x Ø 6 mm, 8 mm, 14 mm, 35 mm, 40 mm, 50 mm, 68 mm; 1 x Plusbox	628317000
	**Diamond drill bit set for tiles »Dry« , 3 pieces** Set consisting of: each 1 x Ø 35 mm, 50 mm, 68 mm; 1 x Plusbox L 623581000	628322000

Adapter for diamond drill bits

		Order no.
	**Connector** ■ For using »dry« diamond drill bits on a drill Receptacle: hexagonal 10 mm, M 14 male thread	630859000*

Which system accessories are suitable for which angle grinder?



Model	Order no.	Clip for cut-off guard	Cutting-blade guard, semi-enclosed	Cutting extraction hood CED 125 Order no. 626730000	Cutting extraction hood CED 125 Plus Order no. 626731000	Grinding extraction hood GED 125 Order no. 626732000	Guard for cup wheel Ø 80 mm Order no. 623276000	Metabo VibraTech (MVT) side handle	Bail handle Order no. 623262000	Multi-position handle for side handle Order no. 627362000	Dust protection filter	Metabo »Quick« flange nut M 14 Order no. 630802000	Quick-locking nut M 14 Order no. 630832000	Flange nut M 14 Order no. 630706000
W 9-100	600350	630346000						627361000	■	■			■	■
WP 9-100	600386	630346000						627361000	■	■			■	■
W 750-115	601230	630351000						627361000					■	■
W 850-115	601232	630351000						627361000					■	■
WP 850-115	601234	630351000						627361000					■	■
W 9-115	600354	630351000					■*	627361000	■	■			■	■
W 9-115 Quick	600371	630351000					■*	627361000	■	■		■		■
WP 9-115 Quick	600380	630351000					■*	627361000	■	■		■		■
W 1100-115	601236	630351000						627361000					■	■
WP 12-115 Quick	600410	630351000					■*	627361000	■	■	630792000	■		■
W 750-125	601231	630352000						627361000					■	■
W 850-125	601233	630352000						627361000					■	■
WP 850-125	601235	630352000						627361000					■	■
W 9-125	600376	630352000		■	■	■	■*	627361000	■	■			■	■
W 9-125 Quick	600374	630352000		■	■	■	■*	627361000	■	■		■		■
WP 9-125 Quick	600384	630352000		■	■	■	■*	627361000	■	■		■		■
WQ 1000	620035		630373000				■	627361000				■		■
WEV 10-125 Quick	600388	630352000		■	■	■	■*	627361000	■	■		■		■
WEA 10-125 Quick	600389	630352000		■	■	■	■*	627361000	■	■		■		■
W 1100-125	601237	630352000						627361000					■	■
W 1150-125	601238	630352000						627361000					■	■
W 12-125 HD	600408	630352000		■	■	■	■*	627361000	■	■	630709000		■	■
W 12-125 Quick	600398	630352000		■	■	■	■*	627361000	■	■	630709000	■		■
WP 12-125 Quick	600414	630352000		■	■	■	■*	627361000	■	■	630792000	■		■
WPB 12-125 Quick	600428	630352000		■	■	■	■*	627361000	■	■	630792000	■		
WPB 12-125 Quick DS	600445	630352000		■	■	■	■*	627361000	■	■	630792000	■		
WA 12-125 Quick	600422	630352000		■	■	■	■*	627361000	■	■	630709000	■		■
WBA 12-125 Quick	600436	630352000		■	■	■	■*	627361000	■	■	630709000	■		
WE 15-125 Quick	600448	630352000		■	■	■	■*	627361000	■	■	630709000	■		■
WE 15-125 HD	600465	630352000		■	■	■	■*	627361000	■	■	630709000		■	■
WEP 15-125 Quick	600476	630352000		■	■	■	■*	627361000	■	■	630792000	■		■
WEA 15-125 Quick	600492	630352000		■	■	■	■*	627361000	■	■	630709000	■		■
WEV 15-125 Quick	600468	630352000		■	■	■	■*	627361000	■	■	630709000	■		■
WEVA 15-125 Quick	600496	630352000		■	■	■	■*	627361000	■	■	630709000	■		■
WEV 15-125 Quick HT	600562	630352000		■	■	■	■*	627361000	■	■	630709000	■		■
WEV 15-125 Quick Inox	600572	630352000		■	■	■	■*	627361000	■	■	630709000	■		■
WE 17-125 Quick	600515	630352000		■	■	■	■*	627361000	■	■	630709000	■		■
WEV 17-125 Quick	600516	630352000		■	■	■	■*	627361000	■	■	630709000	■		■
WEA 17-125 Quick	600534	630352000		■	■	■	■*	627361000	■	■	630709000	■		■
WEBA 17-125 Quick	600514	630352000		■	■	■	■*	627361000	■	■	630709000	■		



Model	Order no.	Clip for cut-off guard	Cutting-blade guard, semi-enclosed	Cutting extraction hood CED 125 Order no. 626730000	Cutting extraction hood CED 125 Plus Order no. 626731000	Grinding extraction hood GED 125 Order no. 626732000	Guard for cup wheel Ø 80 mm Order no. 623276000	Metabo VibraTech (MVT) side handle	Bail handle Order no. 623262000	Multi-position handle for side handle Order no. 627362000	Dust protection filter	Metabo »Quick« flange nut M 14 Order no. 630802000	Quick-locking nut M 14 Order no. 630832000	Flange nut M 14 Order no. 630706000
WEPBA 17-125 Quick	600548	630352000		■	■	■	■*	627361000	■	■	630792000	■		
WEPBA 17-125 Quick DS	600549	630352000		■	■	■	■*	627361000	■	■	630792000	■		
WQ 1400	600346	630352000		■	■	■	■*	627361000				■		■
W 12-150 Quick	600407	630353000					■*	627361000	■	■	630709000	■		■
WP 12-150 Quick	600418	630353000					■*	627361000	■	■	630792000	■		■
WPB 12-150 Quick	600432	630353000					■*	627361000	■	■	630792000	■		
WPB 12-150 Quick DS	600445	630353000					■*	627361000	■	■	630792000	■		
WE 15-150 Quick	600464	630353000					■*	627361000	■	■	630709000	■		■
WEA 15-150 Quick	600493	630353000					■*	627361000	■	■	630709000	■		■
WEP 15-150 Quick	600488	630353000					■*	627361000	■	■	630792000	■		■
WEV 15-150 Quick	600472	630353000					■*	627361000	■	■	630709000	■		■
WEV 15-150 Quick HT	600563	630353000					■*	627361000	■	■	630709000	■		■
WEVA 15-150 Quick	600506	630353000					■*	627361000	■	■	630709000	■		■
WEP 17-150 Quick	600507	630353000					■*	627361000	■	■	630792000	■		■
WEA 17-150 Quick	600535	630353000					■*	627361000	■	■	630709000	■		■
WEPBA 17-150 Quick	600552	630353000					■*	627361000	■	■	630792000	■		
WEPBA 17-150 Quick DS	600553	630353000					■*	627361000	■	■	630792000	■		



WP 1200-125 RT	601240	630352000						627361000					■	■
WEV 1500-125 RT	601243	630352000						627361000					■	■
WE 1500-125 RT	601241	630352000						627361000					■	■
WEPBA 17-125 Quick RT DS	600605	630352000		■	■	■	■*	627361000	■	■	630719000	■		
WEPBA 17-125 Quick RT	601097	630352000		■	■	■	■*	627361000	■	■	630719000	■		
WEV 17-125 Quick Inox RT	601092	630352000		■	■	■	■*	627361000	■	■	630719000	■		■
WEV 17-125 Quick RT	601089	630352000		■	■	■	■*	627361000	■	■	630719000	■		■
WE 17-125 Quick RT	601086	630352000		■	■	■	■*	627361000	■	■	630719000	■		■
WE 1500-150 RT	601242	630353000						627361000					■	■
WEPBA 17-150 Quick RT DS	600606	630353000					■*	627361000	■	■	630719000	■		
WEPBA 17-150 Quick RT	601098	630353000					■*	627361000	■	■	630719000	■		
WEP 17-150 Quick RT	601078	630353000					■*	627361000	■	■	630719000	■		■
WE 17-150 Quick RT	601087	630353000					■*	627361000	■	■	630719000	■		■
WEPB 19-180 RT DS	601096		630383000				■*	627361000	■	■	630719000			
WEPBA 19-180 Quick RT	601099		630383000				■*	627361000	■	■	630719000	■		
WEA 19-180 Quick RT	601095		630383000				■*	627361000	■	■	630719000	■		■
WE 19-180 Quick RT	601088		630383000				■*	627361000	■	■	630719000	■		■

* For angle grinders with tool-free guard adjustment the clamping lever must be removed. Please pay attention to operating instructions!

Which system accessories are suitable for which angle grinder?



Model	Order no.	Bench cut-off stand Order no. 635000000	Cutting-blade guard, semi-enclosed	Guard	Guard for cup wheel Ø 110 mm Order no. 623140000	Metabo VibraTech (MVT) side handle Order no. 627360000	»Quick« flange nut M 14 Order no. 630800000	Flange nut M 14 Order no. 630706000
W 2000 (180)	606418		630386000	631166000	■	■	■	■
W 22-180 MVT	606461		630356000	631166000	■	■	■	■
WE 22-180 MVT	606463		630356000	631166000	■	■	■	■
W 24-180 MVT	606466		630356000	631166000	■	■	■	■
WE 24-180 MVT	606468		630356000	631166000	■	■	■	■
WEA 24-180 MVT Quick	606471		630356000	631166000	■	■	■	■
W 26-180 MVT	606473		630356000	631166000	■	■	■	■
W 2000 (230)	606418	■	630387000	631167000	■	■	■	■
WX 2000	606421	■	630387000	631167000	■	■	■	■
W 2200-230	606420	■	630387000	631167000	■	■	■	■
WX 2200-230	600397	■	630387000	631167000	■	■	■	■
W 2400-230	600378	■	630387000	631167000	■	■	■	■
WX 2400-230	600379	■	630387000	631167000	■	■	■	■
W 22-230 MVT	606462	■	630357000	631167000	■	■	■	■
WE 22-230 MVT	606464	■	630357000	631167000	■	■	■	■
WE 22-230 MVT Quick	606465	■	630357000	631167000	■	■	■	■
W 24-230 MVT	606467	■	630357000	631167000	■	■	■	■
WE 24-230 MVT	606469	■	630357000	631167000	■	■	■	■
WE 24-230 MVT Quick	606470	■	630357000	631167000	■	■	■	■
WEA 24-230 MVT Quick	606472	■	630357000	631167000	■	■	■	■
WEP 24-230 MVT	606477	■	630357000	631167000	■	■	■	■
W 26-230 MVT	606474	■	630357000	631167000	■	■	■	■
WE 26-230 MVT Quick	606475	■	630357000	631167000	■	■	■	■
WEA 26-230 MVT Quick	606476	■	630357000	631167000	■	■	■	■



Model	Order no.	Clip for cut-off guard	Cutting-blade guard, semi-enclosed	Metabo VibraTech (MVT) side handle	Quick-locking nut M 14 Order no. 630832000	Flange nut M 14 Order no. 630706000
W 18 LTX 115	602170	630351000		627361000	■	■
WP 18 LTX 115 Quick	613071	630351000		627361000	■	■
WPB 18 LTX BL 115	613074	630351000		627361000	■	■
W 18 LTX 125 Quick	602174	630352000		627361000	■	■
WP 18 LTX 125 Quick	613072	630352000		627361000	■	■
WB 18 LTX BL 125 Quick	613077	630352000		627361000	■	■
WPB 18 LTX BL 125 Quick	613075	630352000		627361000	■	■
W 18 LTX 125 Quick Inox	600174	630352000		627361000	■	■
W 18 LTX 150	600404	630353000		627361000	■	■
WB 18 LTX BL 150 Quick	613078	630353000		627361000	■	■
WPB 18 LTX BL 150	613076	630353000		627361000		■
WB 18 LTX BL 180	613087		630390000	627361000		■
WPB 36 LTX BL 230	613101		630363000	627360000		■
WPB 36-18 LTX BL 230	613102		630363000	627360000		■



Model	Order no.	Clip for cut-off guard	Metabo VibraTech (MVT) side handle Order no. 627361000	Bail handle Order no. 623262000	Multi-position handle for side handle Order no. 627362000	Dust protection filter (example illustration)	Quick-locking nut M 14 Order no. 630832000	Flange nut M 14 Order no. 630706000
WEF 9-125 Quick	613060	630355000	■				■	■
WEPF 9-125 Quick	613069	630355000	■				■	■
WEVF 10-125 Quick Inox	613080	630372000	■	■	■		■	
WEF 15-125 Quick	613082	630372000	■	■	■	630709000	■	
WEF 15-150 Quick	613083	630378000	■	■	■	630709000	■	
WEPBF 15-150 Quick	613084	630378000	■	■	■	630792000	■	
WEPF 15-150 Quick	613085	630378000	■	■	■	630792000	■	
WF 18 LTX 125	601306	630355000	■				■	■
WPF 18 LTX 125	613070	630355000	■				■	■

Other Accessories for Angle Grinders

Cutting guard clip



- For working with fibre-reinforced, resin-bonded cutting discs
- The cutting guard clip is simply attached to the existing guard of the angle grinder
- EN/EC 60745
- Material: plastic
- Suitable for Metabo angle grinder: W..8-..; W..9-..; W..10-..; W..11-..; W..12-..; W..14-..; W..15-..; W..17-..; W 18 LTX; from year of construction 2008

	Grinding wheel Ø mm	Order no.
	100	630346000
	115	630351000
	125	630352000
	150	630353000

Abrasive cutting blade guards, semi-enclosed, with quick adjustment



- For working with fibre-reinforced, resin-bonded cutting discs
- EN/EC 60745

	Grinding wheel Ø mm	Suitable for	Order no.
	180	Metabo angle grinder Ø 180 mm (with clamping lever at the flange)	630370000
	230	Metabo angle grinder Ø 230 mm (with clamping lever at the flange)	630371000
	180	Metabo angle grinder Ø 180 mm (with clamping lever at the guard)	630356000
	230	Metabo angle grinder Ø 230 mm (with clamping lever at the guard)	630357000
	125	WEF 9-125 / WF 18 LTX 125	630355000
	230	Metabo cordless angle grinder Ø 230 mm	630363000
	125	WEF 15-125 Quick, WEVF 10-125 Quick	630372000
	125	WQ 1000	630373000
	150	WEF 15-150 Quick, WEPF 15-150 Quick, WEPBF 15-150 Quick	630378000
	180	Metabo angle grinder WE...180...RT	630383000
	180	W 17-180 / WX 17-180	630388000
	180	WB 18 LTX 180 Quick	630390000

Cutting blade guards, semi enclosed, with holding bolt



- For working with fibre-reinforced, resin-bonded cutting discs
- EN/EC 60745

	Grinding wheel Ø mm	Suitable for	Order no.
	100	W 6-100	630813000
	115	W 6-115	630814000
	150	WE 1450-150 RT	630362000
	125	W 1080-125	630364000
	180	W 2000 / WX 2000	630386000
	230	W 2000 / WX 2000	630387000

Bench cut-off stand

		Order no.
	**Bench Cut-off Stand** ■ Suitable for all Metabo angle grinders with cutting disc-Ø 230 mm, except for cordless angle grinder ■ For secure fixed use of the angle grinder as a cutting machine: also suitable for mitre cuts up to 45° ■ Largest cut depth when using an angle grinder with 230 mm cutting wheel = 50 mm; maximum span width = 100 mm ■ Dimensions of table top: 244 x 321 mm; table height: 34.5 mm ■ Scope of delivery: length stop, 6 mm Allen key Weight: 9.7 kg	635000000

Cutting blade guards with cutting guides

		Order no.
	**Cutting extraction hood CED 125** ■ Extraction hood with plunge function and optimised flow channel for particularly low-dust cutting both indoors and outdoors ■ Compact construction form table can be removed without tools for more flexibility when working close to walls and improved visibility for freehand cuts ■ Tool-free adjustable cutting depth ■ Robust sheet metal table for tilt-proof operation ■ Anti-static plastic prevents electric charging and dust accumulations for a constantly high suction power ■ Large, coloured operating elements for simple, tool-free adjustment, even when wearing gloves ■ Connection for dust extraction Ø 35/41 mm ■ Max. cutting depth for freehand cuts is 27 mm, with table 25 mm ■ Suitable for: W..9-125; WEV 10-125 Quick; W..12-1..; WE..15-1..; WE..17-1..; W..8-1..; WE 9-125 Quick; W..11-1..; WQ 1400(only 6.00346); WE 14-1..; Not suitable for angle grinder with Autobalancer; scope of delivery incl. nut with two holes 5/8" and M14. Grinding disc Ø: 115/125 mm Maximum cutting depth: 27 mm	626730000
	**Cutting extraction hood CED 125 Plus** ■ Extraction hood with plunge function and optimised flow channel for particularly low-dust cutting both indoors and outdoors ■ Compact construction form table can be removed without tools for more flexibility when working close to walls and improved visibility for freehand cuts ■ Cutting depth can be adjusted without tools. Max. cutting depth for freehand cuts is 27 mm, with table 25 mm, with precision guide rail 20 mm ■ Robust sheet metal table for tilt-proof operation. Connection for dust extraction Ø 35/41 mm ■ Anti-static plastic prevents electric charging and dust accumulations for a constantly high suction power ■ Large, coloured operating elements for simple, tool-free adjustment, even when wearing gloves ■ Sheet metal table with guide rollers for easy, precise feed. Protect delicate surfaces from scratches. ■ Enables the use of a Metabo precision guide rail for cuts with great precision ■ Suitable for: W..9-125; WEV 10-125 Quick; W..12-1..; WE..15-1..; WE..17-1..; W..8-1..; WE 9-125 Quick; W..11-1..; WQ 1400(only 6.00346); WE 14-1..; Not suitable for angle grinder with Autobalancer; scope of delivery incl. nut with two holes 5/8" and M14. Grinding disc Ø: 115/125 mm Maximum cutting depth: 27 mm	626731000
	**Guard 180 mm** ■ With nozzles for vacuuming dust from cutting stone slabs For Metabo angle grinders 180 mm, except W 17-180 and WX 17-180; for angle grinders with tool-free guard adjustment, the clamping lever has to be removed Grinding disc Ø: 180 mm Maximum cutting depth: 42 mm	631166000
	**Guard 230 mm** ■ With nozzles for vacuuming dust from cutting stone slabs For Metabo angle grinders 230 mm; for angle grinders with tool-free guard adjustment, the clamping lever has to be removed Grinding disc Ø: 230 mm Maximum cutting depth: 68 mm	631167000

Cup wheel guards with accessories

	Order no.
 **Grinding extraction hood GED 125** ■ Quick, tool-free installation of the extraction hood on a compatible angle grinder ■ Integrated sliding segment for quick, tool-free access even when wearing gloves, for working close to walls. ■ Extraction hood with flexible brush rim and optimised extraction channel for particularly low-dust grinding indoors and outdoors ■ Anti-static plastic prevents electric charges and dust accumulations ensuring constantly high suction power. Connection for dust extraction Ø 35/41 mm ■ Suitable for angle grinder with disc-Ø 125 mm: W..9-1..; WEV 10-125 Quick; W..12-1..; WE..15-1..; WE..17-1..; W..8-1..; WE 9-125 Quick; W..11-1..; WQ 1400 (only 600346); WE 14-1..; not suitable for WP 1200-125 RT, WEV 1500-125 RT, WE 1500-125 RT	626732000
 **Replacement brush rim GED 125** ■ Replacement brush rim for replacement on the extraction hood GED 125	626733000
 **Cup wheel guard Ø 80 mm** ■ For angle grinder with collar diameter 50 mm and grinding wheel-Ø 115 mm, 125 mm and 150 mm for the use of ceramic cup wheels Ø 80 mm ■ For angle grinders with tool-free guard adjustment the clamping lever must be removed. Please pay attention to operating instructions! ■ Adjustable	623276000
 **Cup wheel guard Ø 110 mm** ■ For angle grinders with grinding wheel Ø of 180 and 230 mm for use of ceramic cup wheels Ø 110 mm ■ Adjustable	623140000

Support handles for angle grinders

	Order no.
 **Metabo VibraTech (MVT) side handle, M 14** ■ Suitable for all angle grinders with M 14 thread	627360000*
 **Metabo VibraTech (MVT) side handle, M 8** ■ Suitable for Metabo angle grinders with M 8 thread	627361000*
 **Multi-positioning for side handle** ■ The 180° handle permits variable individual adjustment of the side handle position for ergonomic, low-fatigue working e.g. for cutting jobs or for left-handed users ■ The side handle can be adjusted without tools for changing working positions ■ The robust hexagon shape permits folding the side handle to the rear for safe, two-handed operation in confined spaces ■ Suitable for W..9-1..; except: WEF 9-125 WEV 10-125; W..12-1..; WE15-1..; WE..17-1..; W..8-1..; WE9-125; W..11-1..; WEQ 1400-125; WE14-1..; WEVF 10-1..; WE..F 15-1..; WE..19-180.. ■ Not suitable for: WP 1200-125 RT, WEV 1500-125 RT, WE 1500-125 RT, WE 1500-150 RT 	627362000
 **Front handle WS** ■ Front handle with ideal ergonomics, e.g. for surface grinding with fibre discs, light polishing work with diamond cup wheels etc. ■ Suitable for Metabo angle grinders W..9..; WE 10..; W..12..; WE 15..; WE 17.. ■ Not suitable for: WP 1200-125 RT, WEV 1500-125 RT, WE 1500-125 RT, WE 1500-150 RT	623262000

* Self-service packaging

Hand guard

	Order no.
 **Hand Guard** ■ For fitting under the angle grinder's side support handle when working with the backing pads ■ For all angle grinders	630327000

Flange nuts and inner support flanges

	Order no.
 **Flange nut** ■ For all angle grinders with M 14-spindle thread	630706000

	Order no.
 **»Quick« flange nut M 14** ■ For all angle grinders, suitable also for other brands (required free spindle length min. 8 mm); required thread connection M 14; tool-free disc change	630800000*
 **10 »Quick« flange nuts M 14** ■ For all angle grinders, suitable also for other brands (required free spindle length min. 8 mm); required thread connection M 14; tool-free disc change; 10 pieces in attractive counter display	626411000
 **Metabo »Quick« flange nut M 14** ■ Especially for Metabo Quick system for tool-less disc change at the touch of a button. Suitable for all small Metabo angle grinders with M-Quick spindle button, except W 6-115, W 6-125, WB 11-125 required thread connection M 14	630802000*
 **10 quick-locking nuts M 14** ■ Especially for angle grinders up to Ø 150 mm, for tool-free disc change. Required thread connection M 14. 10 pieces in attractive counter display	630832000*

	Order no.
 **Inner support flange** ■ For all angle grinders with M14 spindle thread	630705000

Dust protection filters

- Filter against coarse particles or chips for longer service life of the machine when working e.g. with ceramic fibre, roughing or cutting discs or polishing with lambswool
- Easy and fast cleaning thanks to exterior metal grid without disturbing connecting ribs
- Tool-free assembly and disassembly

		Order no.
	**Dust protection filter for all angle grinders W...12..., WE...15..., WE...17... standard (not paddle, not RT)**	**630709000***
	**Dust protection filter for all angle grinders WE...17...RT, WE...19...RT**	**630719000***
	**Dust protection filter for all angle grinders WP...12..., WEP...15..., WEP...17... with paddle switch**	**630792000***

Flat-pin spanners

		Order no.
	**Flat-pin spanner** For angle grinders with disc diameter 100 mm - 150 mm Model: straight Grinding disc-Ø: 100/150 mm	**623934000***
	**Flat-pin spanner** For angle grinders with disc diameter 180 mm - 230 mm Model: straight Grinding disc-Ø: 180/230 mm	**623935000***
	**Flat-pin spanner** For angle grinders with disc Ø 115-230 mm Model: offset Grinding disc-Ø: 115/230 mm	**623910000***

* Self-service packaging



MARATHON MOTOR · AUTOMATIC SAFETY CLUTCH · VARIO TACHO CONSTAMATIC

Technical data	Wet Polisher PWE 11-100
For backing pad up to maximum	125 mm
Rated input power	1,100 W
Output power	620 W
No-load speed	1,700 - 6,100 /min
Revolutions at rated load	5,400 /min
Torque	2.6 Nm
Spindle threads	M 14
Weight (without mains cable)	2.2 kg
Cable length	4 m

Scope of delivery

Order no.	602050 [1]
Bow-type handle	■
Front protective cap	■
PRCD safety switch	■
(without backing pad and buffing wheel)	■

[1] also available in 120 V (North/Latin America)

Product advantages

- Polisher for wet processing of granite, marble and other high-quality types of rock
- Metabo Marathon-motor with patented dust protection for long service life
- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- Adjustable, external water supply for exact metering
- Housing cap for protection from splashes
- Adjustable front handle for safe and uniform guidance when polishing
- PRCD safety switch integrated in the mains cable
- Electronic overload protection for long service life
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Auto-stop carbon brushes to protect the motor





NEW

Technical data	Angle Polisher PE 12-175	Angle polisher PE 15-25 set
For backing pad up to maximum	175 mm	180 mm
Rated input power	1,200 W	1,500 W
Output power	680 W	870 W
No-load speed	700 - 2,200 /min	700 - 2,500 /min
Revolutions at rated load	2,200 /min	2,250 /min
Torque	14 Nm	18 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.4 kg	2.4 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	602175	615250
Hand guard	■	
Side handle	■	■
Safety goggles		■
3 Disc brushes (130 mm; P46, P60, P80)		■
Plastic carry case		■
(without buffing wheel)	■	

Product advantages

- Powerful polisher with two-level reduced gear for fine grinding and high-gloss polishing of stainless steel and stone surfaces
- Rubberised front cap for optimal guidance of the polisher
- Renovation set with powerful polisher for restoration of beams of half-timbered houses and for restructuring wood
- Maximum productivity thanks to powerful 1,500 Watt motor and high-performance planetary gear train
- Tool-free adjustable bow-type handle for safe and uniform guidance when working

- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 171

Hook and loop backing pads



- With hook and loop, for attaching polishing and sanding accessories, maximum working speed: 80 m/s

Diameter mm	Thickness mm	Female thread	Max. speed rpm	Sales unit	Order no.
113	2	M 14	13,000	1	624840000*
123	12	M 14	12,000	1	623287000*
147	12	M 14	10,000	1	623288000*
173	12	M 14	8,500	1	623289000*
113	12	5/8 "	13,000	1	623272000*
173	12	5/8 "	8,500	1	623273000*

Hook and loop polishing sponges, coarse



- For polishing up weathered paintwork

Diameter mm	Thickness mm	Sales unit	Order no.
80	25	1	624912000*
130	25	1	624913000*
160	25	1	624915000*
160	50	1	624916000*

Pressure polishing sponges, fine



- For polishing paintwork

Diameter mm	Thickness mm	Sales unit	Order no.
80	20	1	624092000*
130	25	1	624967000*
130	50	1	624926000*
160	25	1	624968000*
160	50	1	624927000*

Hook and loop polishing felt, soft



- For polishing paintwork, non-ferrous metals, and steel sheets

Diameter mm	Thickness mm	Sales unit	Order no.
130	5	1	624964000*
155	5	1	624965000*

Hook and loop lambswool polishing discs



- For high-gloss polishing

Diameter mm	Sales unit	Order no.
85	1	624063000*
130	1	631223000*
150	1	631217000*

Lambswool bonnets with tightening cord



- For high-gloss polishing

Diameter mm	Sales unit	Order no.
180	1	623265000*

Plastic disc brushes



- SiC grinding filaments, undulated, Ø 1.27 mm. For processing, deburring, grinding and structuring of surfaces. Suitable for steel, cast steel, NF-metals, wood, and plastics. Maximum working speed: 19 m/s, recommended speed: 1,200-1,900 min^{-1}

Diameter mm	Grit	Sales unit	Order no.
130	P 46	1	623740000
130	P 60	1	623741000
130	P 80	1	623742000

Additional accessories for polishers

		Order no.
	**Extension piece M 14/ M 14** ■ For working with the backing pads; increases the distance between the machine spindle and the backing pad by approximately 35 mm; with M 14 female thread and M 14 male thread	631360000*
	**Arbor** ■ For 2 buffing mops with flanges and adjusting nut	623107000*
	**Vienna lime chalk** ■ For cleaning, caring and polishing of smooth surfaces, especially stainless steel, silver, brass, glass, ceramic etc. ■ Contents: 300 g, shaker	626399000

* Self-service packaging



03

Processing Stainless Steel

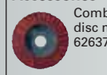
Inox

If you want a perfect finish, you need perfect machines.

MITRED WELDED PIPES

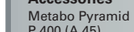
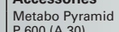
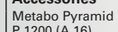
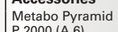
1. SATIN-FINISH



WEV 15-125 Quick Inox	WEV 15-125 Quick Inox	KNSE 9-150	RBE 15-180
 Order no. 600572	 Order no. 600572 **Accessories** Combination flap disc medium 626370000 	 Order no. 602265 **Accessories** Unitized fleece compact disc medium 626402000 	 Order no. 602243 **Accessories** Fleece band medium 626320000 

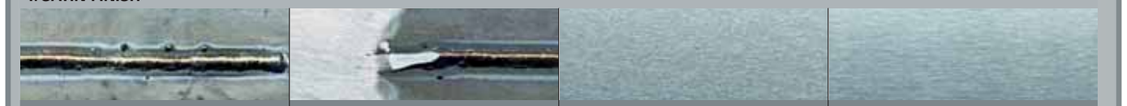
2. POLISHING

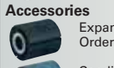


RBE 15-180	RBE 15-180	RBE 15-180	RBE 15-180	KNSE 9-150	RBE 15-180
 Order no. 602243 **Accessories** Metabo Pyramid P 400 (A 45) 626313000 	 Order no. 602243 **Accessories** Metabo Pyramid P 600 (A 30) 626314000 	 Order no. 602243 **Accessories** Metabo Pyramid P 1200 (A 16) 626315000 	 Order no. 602243 **Accessories** Metabo Pyramid P 2000 (A 6) 626316000 	 Order no. 602265 **Accessories**  Unitized compact disc 626401000	 Order no. 602243 **Accessories**  Felt band soft 626323000 Polishing paste, blue 623524000

WELDED SEAMS ON SURFACES

1. SATIN-FINISH



SE 17-200 RT	SE 17-200 RT	SE 17-200 RT	SE 17-200 RT
 Order no. 602259	 Order no. 602259 **Accessories**  Expansion Roller Order no. 623470000  Sanding Belts 90 x 100/P 80 Order no. 623474000	 Order no. 602259 **Accessories**  Rubber Grinding Wheel P 180 Order no. 623499000	 Order no. 602259 **Accessories**  Fleece Grinding Wheel P 180 Order no. 623488000

2. POLISHING



SE 17-200 RT	SE 17-200 RT	SE 17-200 RT	SE 17-200 RT
 Order no. 602259 **Accessories**  Expansion Roller 623470000  Metabo Pyramid P 400 (A 45) Order no. 626407000	 Order no. 602259 **Accessories**  Expansion Roller 623470000  Metabo Pyramid P 600 (A 30) Order no. 626408000	 Order no. 602259 **Accessories**  Expansion Roller 623470000  Metabo Pyramid P 1200 (A 16) Order no. 626409000	 Order no. 602259 **Accessories**  Expansion Roller 623470000  Metabo Pyramid P 2000 (A 6) Order no. 626410000



43° MARATHON MOTOR ELECTRONIC SAFETY CLUTCH VARIO CONSTAMATIC

Technical data	Flat-head Angle Grinder WEVF 10-125 Quick Inox Set
Minimum accessible angle	43 °
Grinding wheel Ø	125 mm
Rated input power	1,000 W
Output power	590 W
No-load speed	2,000 - 7,600 /min
Revolutions at rated load	6,300 /min
Torque	3.5 Nm
Spindle threads	M 14
Weight (without mains cable)	2.3 kg
Cable length	4 m

Scope of delivery

Order no.	613080500 [1]	613080000 [1]
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Side handle	■	■
5 Flap discs Flexiamant Super Convex (125 mm; P60)	■	
2 Combination flap discs (125 mm; medium)	■	
2 Fleece compact grinding disc »Unitized« (125 mm, coarse)	■	
2 Fleece compact grinding disc »Unitized« (125 mm, medium)	■	
1 Profiling file incl. 2 sanding paper strips	■	
Metal carry case	■	

[1] also available in 120 V (North/Latin America)

Product advantages

- The most easy-to-handle flat-head angle grinder with speed regulation for perfect processing of stainless steel e.g. railings and hand rails
- Particularly developed for the removal of weld slag, rust or paint in narrow frame constructions and for working in tight spaces
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Thumbwheel controlled Vario-Constamatic (VC)-Full wave electronics ideal for working on materials requiring customised speeds, and at speeds which remain almost constant under load
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting

System components

Accessories → 177



MARATHON MOTOR S-AUTOMATIC MECHANICAL SAFETY CLUTCH VARIO TACHO CONSTAMATIC

Technical data	Angle Grinder WEV 15-125 Quick Inox Set
Grinding wheel Ø	125 mm
Rated input power	1,550 W
Output power	940 W
No-load speed	2,000 - 7,600 /min
Revolutions at rated load	7,600 /min
Torque	5 Nm
Spindle threads	M 14
Weight (without mains cable)	2.5 kg
Cable length	4 m

Scope of delivery

Order no.	600572500 [1]	600572000 [1]
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■
2 Combi flap discs (medium)	■	
Fleece compact grinding disc »Unitized«	■	
Hook and loop backing pad pyramid (Ø 125 mm)	■	
Hook and loop backing pad (soft, Ø 125 mm)	■	
15 Hook and loop sanding sheets Metabo Pyramid (5 each of A30/A45/A65)	■	
Hook and loop abrasive nylon web P280	■	
Metal carry case	■	

[1] also available in 120 V (North/Latin America)

Product advantages

- Perfect processing of stainless steel: robust, powerful angle grinder with high gear reduction and adjustable reduced speed for cool finish
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting



18 V



Technical data	Angle Grinder WEV 17-125 Quick Inox RT
Grinding wheel Ø	125 mm
Rated input power	1,750 W
Output power	1,070 W
No-load speed	2,000 - 7,600 /min
Revolutions at rated load	7,600 /min
Torque	5 Nm
Spindle threads	M 14
Weight (without mains cable)	2.5 kg
Cable length	4 m

Scope of delivery

Order no.	601092
Guard	■
Inner support flange	■
M-Quick flange nut	■
Metabo VibraTech (MVT) side handle	■

Product advantages

- The specialist with high torque and speed control for processing stainless steel and for working with aggressive fibre discs
- Perfect ergonomics thanks to slim handle for maximum control and easy working overhead
- Metabo Marathon-motor with new cooling and carbon brush system for twice the service life
- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- M-Quick System for tool-free disc change at the touch of a button
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

Technical data	Cordless Angle Grinder W 18 LTX 125 Quick Inox
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Grinding wheel Ø	125 mm
No-load speed	5,000 /min
Spindle threads	M 14
Weight (including battery pack)	2.4 kg

Scope of delivery

Order no.	600174
Guard	■
Inner support flange	■
Quick-locking nut	■
Side handle	■
Dust filter	■
without battery pack, without charger	■

Product advantages

- Speed and torque configured precisely for stainless steel processing ensuring a cool grinding action with perfect finish
- Slim design for prolonged comfort when working overhead or in areas with limited space
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Battery pack can be swivelled for better access in hard to reach places
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Detachable dust protection filter protects motor from coarse particles

System components

Accessories → 177 | Battery packs → 72

Fleece compact polishing discs »Unitized« - VKS



- Made of compacted fleece material on a fibreglass backing pad
- For cleaning and polishing surfaces, for smoothing weld seams; reduces the number of working stages required
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels
- Max. torque: 8,000 /min; 52 m/s
- Recommended speed: 3,000 /min

Diameter x thickness x bore mm	Grit	Sales unit / packing unit	Order no.
125 x 22.23	Very fine	1/1	626368000*
125 x 22.23	Very fine	5/1	626417000

Fleece compact grinding discs »Unitized« - VKS-ZK



- Several layers of pressed fleece material, soaked with resin-bonded abrasive grain (zirconia alumina)
- The addition of abrasive grain covers a range of applications from deburring to soft and flexible finishing jobs. It is suited for deburring, smoothing of weld seams, precise cleaning and finishing of surfaces.
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels
- Profiling of the grinding media possible for precise working. Very low roughing of the processed material.
- Bore 22.23 mm (for angle grinder)
- Max. 10,000 rpm; recommended speed: 3,000 rpm

Diameter x thickness x bore mm	Grit	Sales unit / packing unit	Order no.
125 x 6 x 22.23	Coarse	1/5	626482000
125 x 6 x 22.23	medium	1/5	626483000

Combination flap discs - KLS



- Made from high-quality pink aluminium oxide fabric in combination with high-quality nylon web.
- For removal of material to fine polish in a single process. Very even grinding/polishing result with good material removal.
- For processing weld seams for example, and for grinding or polishing. For removing minor scratches and damage to the work piece.
- Suitable for grinding, cleaning and finishing work on stainless steel, steel, coloured and light metals, titanium alloys.
- Maximum working speed: 80 m/s
- Recommended speed: 3,000 /min

Diameter x bore mm	Grit	Sales unit / packing unit	Order no.
125 x 22.23	Coarse	1/1	626369000*
125 x 22.23	Coarse	5/1	626415000
125 x 22.23	medium	1/1	626370000*
125 x 22.23	medium	5/1	626416000

Flap discs



Quality class zirconia alumina »Flexiamant Convex«

- Specially shaped flap disc with lamellae that are rounded off towards the outer edges.
- Grinding media: Zirconia alumina
- Thanks to the special design it is particularly suited for processing fillet welds; making faster and more efficient processing possible; also suitable for surface grinding
- High material removal with very high tool life thanks to the use of zirconia alumina
- Suitable for processing stainless steel and steel
- Uniform grinding result, comfortable grinding with only low vibration
- Maximum working speed 80 m/s

Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
125 x 22.23	P 40	⁓	12,200	1/10	626462000
125 x 22.23	P 60	⁓	12,200	1/10	626463000
125 x 22.23	P 80	⁓	12,200	1/10	626464000

* Self-service packaging



Quality class ceramic »Flexiamant Super Convex«

- Specially shaped flap disc with lamellae that are rounded off towards the outer edges.
- Thanks to the special design it is particularly suited for processing fillet welds; making faster and more efficient processing possible; also suitable for surface grinding
- Very high material removal with very high tool life thanks to the use of ceramic grain.
- Cool cut for materials with poor thermal conduction
- For grinding of steel and stainless steel. Ideal for extreme grinding jobs like processing high-alloy steels, titanium alloys, nickel-based alloys as well as chromium and chromium-nickel steels, brass and bronze thanks to high load capacity.
- Uniform grinding result, comfortable grinding with only low vibration
- Maximum working speed 80 m/s

Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
125 x 22.23	P 60	⁓	12,200	1/10	626460000
125 x 22.23	P 80	⁓	12,200	1/10	626461000

Flap wheels



Quality class ceramic »Flexiamant Super«

- Flap wheel with straight profiled lamellae, particularly suited for processing fillet welds. The profiled lamellae, arranged radially in the shape of a fan, adapt exceptionally well to the contours of the work piece. Ideally suited for an even and smooth weld seam. Thanks to the offset shape it can also be used at hard to reach places.
- High material removal with high tool life thanks to the use of ceramic grain.
- Excellent results for surface and edge grinding of steel and stainless steel. Ideal for extreme grinding jobs l ike processing high-alloy steels, titanium alloys, nickel-based alloys as well as chromium and chromium-nickel steels, brass and bronze thanks to high load capacity.
- Cool cut for materials with poor thermal conduction
- Maximum speed: 10,000 rpm

Diameter mm	Thickness mm	Female thread	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
125	8	M 14	P 40	⁓	10,000	1/5	626470000
125	8	M 14	P 60	⁓	10,000	1/5	626471000
125	8	5/8 "	P 40	⁓	10,000	1/5	626486000
125	8	5/8 "	P 60	⁓	10,000	1/5	626487000

»Metabo Pyramid« hook and loop sanding sheets



- 3-dimensional structure of the grinding media (pyramid-shaped).
- High material removal with, at the same time, a very even and fine grinding result. Long service life. Faster progress when compared to tradition grinding media thanks to the considerable reduction in the number of working stages.
- For removing scratches, rolling marks on stainless steel. Prepare for polishing.
- Suitable for use throughout the metal industry; especially for stainless steels, titanium, cobalt, nickel, chrome alloys.

Diameter mm	Grit	Sales unit	Order no.
125	P 120 (A 160)	5	626371000*
125	P 280 (A 65)	5	626372000*
125	P 400 (A 45)	5	626373000*
125	P 600 (A 30)	5	626374000*
125	P 1200 (A 16)	5	626403000*
125	P 2000 (A 6)	5	626404000*

* Self-service packaging

Hook and loop backing pads »Metabo Pyramid«



- Hook and loop, with flexible intermediate layer, foam-moulded; for attaching polishing and sanding accessories
- Sanding pad for polishing and medium-hard grinding jobs. Especially recommended for Metabo Pyramid hook and loop sanding sheets.

Female thread	Diameter mm	Thickness mm	Sales unit	Order no.
5/8 "	125	3	1	623298000*
M 14	125	3	1	623300000*

Hook and loop fleece compact discs »Unitized« - VKS



- Made from pressed fleece material with hook and loop
- For cleaning and polishing surfaces, for smoothing weld seams; reduces the number of working stages required
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels

Diameter mm	Grit	Sales unit	Order no.
125	Very fine	1	626375000*

Cleaning fleeces



- For the removal of light rust, paint / varnish on metal, cleaning weld seams / steel / copper / aluminium / brass, sanding steel and texturing wood.
- Maximum working speed: 63 m/s
- Recommended speeds at Ø 115 mm: 2,900 /min, Ø 125 mm: 2,700 /min

Diameter x bore mm	Sales unit	Order no.
115 x 22.23	1	624346000*
125 x 22.23	1	624347000*

Further accessories for Inox angle grinders

		Order no.
	**Vienna lime chalk** ■ For cleaning, caring and polishing of smooth surfaces, especially stainless steel, silver, brass, glass, ceramic etc. ■ Contents: 300 g, shaker	626399000
	**Stainless steel adhesive tape** ■ For mitre cuts of welded stainless steel profiles. ■ Dimensions: 2.5 m x 40 x 0.15 mm	626376000
	**3 Micro-fibre cloths 380 x 380 mm** ■ For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue ■ Suitable for all metals and hard plastics	626398000*
	**Stainless steel cleaning spray 400 ml** ■ For cleaning, conserving and sealing of surfaces, especially of stainless steels.	626377000



MARATHON MOTOR · VARIO CONSTAMATIC · RESTART PROTECTION

Technical data	Band File BFE 9-20 Set
Rated input power	950 W
Output power	510 W
Belt speed in idle	9 - 20 m/s
Grinding belt width	6 - 19 mm
Grinding belt length	457 mm
Useable length of sanding belt arm	90 mm
Weight (without mains cable)	1.8 kg
Cable length	4 m

Scope of delivery

Order no.	602244500 [1]	602244000
Side handle	■	■
Sanding belt arm 1 (for belt width 6 and 13 mm)	■	■
Sanding belt arm 4 (for belt width 19 mm)	■	
10 Sanding belts zirconia (6x457 mm; P60)	■	
10 Sanding belts zirconia (6x457 mm; P120)	■	
10 Sanding belts zirconia (19x457 mm; P60)	■	
10 Sanding belts zirconia (19x457 mm; P120)	■	
2 Fleece bands (6x457 mm; medium)	■	
2 Fleece bands (19x457 mm; medium)	■	
Metal carry case	■	

[1] also available in 120 V (North/Latin America)

Product advantages

- Powerful, compact band file for grinding, satin-finish and deburring in difficult to reach places
- Metabo Marathon-motor with patented dust protection for long service life
- Thumbwheel controlled Vario-Constamatic (VC)-Full wave electronics ideal for working on materials requiring customised speeds, and at speeds which remain almost constant under load
- Grinding attachment can be swivelled by 270° without tools for perfect adaptation to any working position
- Profiled drive roller: reduces slipping of the sanding belt
- Tool-free sanding belt change and adjustable belt guide
- Electronic soft start for smooth start-up
- Auto-stop carbon brushes to protect the motor

18 V



RESTART PROTECTION

Technical data	Cordless Band File BF 18 LTX 90
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Belt speed in idle	8 m/s
Grinding belt width	6 - 19 mm
Grinding belt length	457 mm
Useful length of sanding belt arm	90 mm
Weight (including battery pack)	2.6 kg

Scope of delivery

Order no.	600321
Side handle	■
Dust filter	■
Sanding belt arm 1 (for belt width 6 and 13 mm)	■
Hexagonal wrench	■
without battery pack, without charger	■

Product advantages

- Powerful, compact cordless band file for grinding, satin-finish and deburring in places difficult to reach
- Robust motor for long service life
- Tool-free sanding belt change and adjustable belt guide
- Grinding attachment can be swivelled by 270° without tools for perfect adaptation to any working position
- Battery pack can be swivelled for better access in hard to reach places
- Detachable dust protection filter protects motor from coarse particles
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption

System components

Accessories → 181 | Battery packs → 72

Zirconia alumina sanding belts



- For all metal uses, particularly suited to the processing of rust-free steel/stainless steel. Grinding material with cotton base.
- High material removal with good service life. Even grinding result.
- For rough-polishing and deburring of steel and stainless steel
- Recommended circumferential speed: 15-25 m/s

Dimensions mm	Grit	Sales unit	Order no.
6 x 457	P 40	10	626344000*
6 x 457	P 60	10	626345000*
6 x 457	P 80	10	626346000*
6 x 457	P 120	10	626347000*
13 x 457	P 40	10	626348000*
13 x 457	P 60	10	626349000*
13 x 457	P 80	10	626350000*
13 x 457	P 120	10	626351000*
19 x 457	P 40	10	626352000*
19 x 457	P 60	10	626353000*
19 x 457	P 80	10	626354000*
19 x 457	P 120	10	626355000*

Ceramic grain sanding belts



- For all metal uses, particularly suited to the processing of rust-free steel/stainless steel. Grinding material with cotton base.
- Extremely high material removal with extremely high tool life thanks to the self-sharpening ceramic grain. Even grinding and best results.
- For pre-polishing and fine polishing, for example, of contours, profiles, etc.
- Recommended circumferential speed: 15-25 m/s for stainless steel
- Recommended circumferential speed: 20-30 m/s for NF metals
- Recommended circumferential speed: 5-10 m/s for high temperature Ni-/ Co- alloys

Dimensions mm	Grit	Sales unit	Order no.
13 x 457	P 40	10	626360000*
13 x 457	P 60	10	626361000*
13 x 457	P 80	10	626362000*
13 x 457	P 120	10	626363000*

Fleece bands

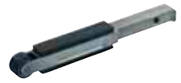
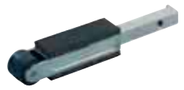


- For grinding, cleaning and finishing work. For removing scratches, colour runs and oxide layers.
- For preparing, pre-grinding and polishing weld seams
- Recommended circumferential speed: 25-30 m/s for steel
- Recommended circumferential speed: 15-25 m/s for stainless steel
- Recommended circumferential speed: 30-40 m/s for soft NF metals
- Recommended circumferential speed: 5-15 m/s for high temperature Ni-/ Co alloys

Dimensions mm	Grit	Sales unit	Order no.
6 x 457	Coarse	5	626383000*
6 x 457	medium	5	626384000*
6 x 457	Very fine	5	626386000*
13 x 457	Coarse	5	626387000*
13 x 457	medium	5	626388000*
13 x 457	Very fine	5	626390000*
19 x 457	Coarse	5	626391000*
19 x 457	medium	5	626392000*
19 x 457	Very fine	5	626394000*

* Self-service packaging

Sanding belt arms

	Order no.
 **Sanding belt arm 1** ■ Standard equipment of the machine. Suitable for sanding belts 6 x 457 mm and 13 x 457 mm. ■ For sanding narrow areas, weld seams, deburring edges, sanding grooved sections on tongued and groove boards.	626379000*
 **Sanding belt arm 2** ■ Suitable for sanding belts 6 x 457 mm. ■ For sanding narrow areas, edges, deburring pipes, sanding grooved sections on tongued and groove boards.	626380000*
 **Sanding belt arm 3** ■ Suitable for sanding belts 13 x 457 mm ■ For sanding edges, deburring pipes, sanding blunt welds.	626381000*
 **Sanding belt arm 4** ■ Suitable for sanding belts 19 x 457 mm. ■ For grinding of edges and surfaces and for grinding out of radii and transitions	626382000*

Additional accessories for band files

	Order no.
 **Adapter band file** ■ For extension of the sanding belt arms. For the use of sanding belts with a belt length of 520 mm and 533 mm.	626378000
 **Vienna lime chalk** ■ For cleaning, caring and polishing of smooth surfaces, especially stainless steel, silver, brass, glass, ceramic etc. ■ Contents: 300 g, shaker	626399000
 **3 Micro-fibre cloths 380 x 380 mm** ■ For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue ■ Suitable for all metals and hard plastics	626398000*
 **Stainless steel cleaning spray 400 ml** ■ For cleaning, conserving and sealing of surfaces, especially of stainless steels.	626377000

* Self-service packaging



MARATHON MOTOR · VARIO CONSTAMATIC · RESTART PROTECTION

Technical data	Fillet Weld Grinder KNSE 9-150 Set
Rated input power	950 W
Output power	510 W
No-load speed	900 - 3,800 /min
Disc diameter	150 mm
Spindle threads	M 14
Weight (without mains cable)	2.7 kg
Cable length	4 m

Scope of delivery

Order no.	602265 [1]
Guard	■
Inner support flange	■
Nut with two holes	■
Side handle	■
Flat-pin spanners	■
Hexagonal wrench	■
1 Fleece compact disc (150x6x25.4 mm; medium)	■
1 Fleece compact disc (150x6x 25.4 mm; very fine)	■
2 Fleece compact discs (150x3x 25.4 mm; medium)	■
1 Polishing file (incl. 2 sanding paper strips)	■
Metal carry case	■

[1] also available in 120 V (North/Latin America)

Product advantages

- Very flat fillet weld grinder for processing stainless steel fillet welds in tight spaces
- Powerful, and with double reduction gearing for effective working
- Metabo Marathon-motor with patented dust protection for long service life
- Thumbwheel controlled Vario-Constamatic (VC)-Full wave electronics ideal for working on materials requiring customised speeds, and at speeds which remain almost constant under load
- Robust planetary gear train for particularly long service life
- Adjustable without tools, removable guard
- Low-maintenance belt drive for long service life
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 184 | Battery packs → 72

18 V



RESTART PROTECTION

Technical data	Cordless Fillet Weld Grinder KNS 18 LTX 150
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
No-load speed	3,800 /min
Disc diameter	150 mm
Spindle threads	M 14
Weight (including battery pack)	3 kg

Scope of delivery

Order no.	600191
Guard	■
Inner support flange	■
Nut with two holes	■
Side handle	■
Dust filter	■
Flat-pin spanners	■
Hexagonal wrench	■
without battery pack, without charger	■

Product advantages

- Very flat cordless fillet weld grinder for processing stainless steel weld seams in tight spaces
- Robust motor for long service life
- Adjustable without tools, removable guard
- Low-maintenance belt drive for long service life
- Battery pack can be swivelled for better access in hard to reach places
- Detachable dust protection filter protects motor from coarse particles
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption

Fleece compact grinding discs »Unitized« - VKS



- Made from pressed fleece material
- For cleaning and polishing surfaces, for smoothing weld seams; reduces the number of working stages required
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels
- The fleece compact disc can be shaped with the profiling file (626396000)
- Maximum working speed: 60 m/s
- Maximum speed: 6,000 /min
- Recommended speed: 3,000 /min

Diameter x thickness x bore mm	Grit	Sales unit	Order no.
150 x 3 x 25.4	medium	1	626400000*
150 x 6 x 25.4	Very fine	1	626401000*
150 x 6 x 25.4	medium	1	626402000*

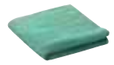
Felt Disc



- For polishing stainless steel and non-ferrous metals, always in conjunction with a polishing paste.
- Maximum working speed: 31 m/s
- Maximum speed: 3,900 /min
- Recommended speed: 600-1,100 /min

Diameter x thickness x bore mm	Grit	Sales unit	Order no.
150 x 5 x 25.4	Soft	1	626395000*

Additional accessories for fillet weld grinders

		Order no.
	**Vienna lime chalk** ■ For cleaning, caring and polishing of smooth surfaces, especially stainless steel, silver, brass, glass, ceramic etc. ■ Contents: 300 g, shaker	626399000
	**3 Micro-fibre cloths 380 x 380 mm** ■ For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue ■ Suitable for all metals and hard plastics	626398000*
	**Stainless steel cleaning spray 400 ml** ■ For cleaning, conserving and sealing of surfaces, especially of stainless steels.	626377000

* Self-service packaging



MARATHON MOTOR · VARIO CONSTAMATIC · RESTART PROTECTION

Technical data	Burnishing Machine SE 17-200 RT Set
Rated input power	1,700 W
Output power	1,070 W
No-load speed	800 - 3,000 /min
Torque	17 Nm
Spindle threads	M14
Abrasive tool diameter	100 - 200 mm
Abrasive tool width	50 - 100 mm
Weight (without mains cable)	2.9 kg
Cable length	4 m

Scope of delivery

Order no.	602259500 [1] [2]	602259000
Side handle	■	■
1 Expansion roller (Ø90x100 mm)	■	
3 Sanding belts (Ø90x100 mm; P80)	■	
1 Fleece grinding wheel (Ø105x100 mm; P280)	■	
1 Flap wheel (Ø105x100 mm; P80)	■	
1 Flap/fleece grinding wheel (Ø105x100 mm; P180)	■	
Metal carry case	■	

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Powerful burnishing machine for sanding, satin-finishing, brushing and high-gloss polishing of e.g. stainless steel
- Maximum productivity thanks to powerful 1,700 Watt motor and high-performance planetary gear train
- Perfect ergonomics thanks to slim handle area for optimal guidance and low-fatigue working
- Fast and tool-free adjustment of guard and side handle
- Metabo Marathon-motor with patented dust protection for long service life
- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- Spindle lock and tool-free flange nut for fast accessory change
- Smooth-running, form-fit mounting arbor for a uniform grinding result
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 186 | Battery packs → 72

18 V



RESTART PROTECTION

Technical data	Cordless Burnishing Machine S 18 LTX 115
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
No-load speed	3,000 /min
Spindle threads	M 14
Abrasive tool diameter	100 - 200 mm
Abrasive tool width	50 - 100 mm
Weight (including battery pack)	3.1 kg

Scope of delivery

Order no.	600154
Side handle	■
Dust filter	■
without battery pack, without charger	■

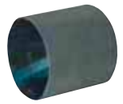
Product advantages

- Compact cordless burnishing machine for grinding, satin-finish, brushing and high-gloss polishing of e.g. stainless steel
- Robust motor for long service life
- Spindle lock and tool-free flange nut for fast accessory change
- Fast and tool-free adjustment of guard and side handle
- Smooth-running, form-fit roller arbor for a uniform grinding result
- Battery pack can be swivelled for better access in hard to reach places
- Detachable dust protection filter protects motor from coarse particles
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption

Expansion rollers

	Order no.
 **Expansion Roller** ■ For using sanding belts and abrasive sleeves. The sanding belts/ abrasive sleeves are pushed over the roller and clamped securely by centrifugal force Diameter: 90 mm Width: 100 mm	623470000
 **Inflatable expansion roller** ■ For using sanding belts and abrasive sleeves. The sanding belts/ abrasive sleeves are pushed over the roller. The air volume in the roller is adjusted individually. ■ Ideal for easy processing of contours Diameter: 90 mm Width: 100 mm	623542000

Sanding belts 90 x 100 mm

	Diameter mm	Width mm	Grit	Sales unit	Order no.
 **Sanding belts with zirconia alumina 90x100 mm** ■ Material: zirconia alumina for grit P 40, 60, 80, 120/ aluminium oxide for grit P 220 ■ Suitable for all metals and even stainless steel ■ For removing scratches and smoothing weld seams ■ Only in combination with the expansion roller 623470000 ■ Maximum working speed: 30 m/s; recommended: 20 m/s					
	90	100	P 40	10	623512000
	90	100	P 60	10	623473000
	90	100	P 80	10	623474000
	90	100	P 120	10	623475000
	90	100	P 220	10	623476000
 **Sanding belts »Metabo Pyramid«, 90 x 100 mm** ■ For all metal uses, particularly suited to the processing of rust-free steel/stainless steel ■ 3-dimensional structure of the grinding media (pyramid-shaped). High material removal with, at the same time, a very even and fine grinding result for the entire lifetime of the product. ■ Quick progress; considerably reduces the number of working stages compared to traditional grinding methods. ■ Maximum speed: 6,400 /min; recommended speed: 4,200 /min					
	90	100	P 120 (A 160)	5	626405000*
	90	100	P 280 (A 65)	5	626406000*
	90	100	P 400 (A 45)	5	626407000*
	90	100	P 600 (A 30)	5	626408000*
	90	100	P 1200 (A 16)	5	626409000*
	90	100	P 2000 (A 6)	5	626410000*

Fleece sanding sleeves



- For removing scratches and oxide layers, tarnishing, satin-finish, deburring and fine grinding
- Only in combination with the expansion roller
- Maximum speed: 6,400 /min; recommended speed: 3,200 /min

Diameter mm	Width mm	Version	Sales unit	Order no.
90	100	coarse	2	623519000
90	100	medium	2	623495000
90	100	fine	2	623496000

* Self-service packaging

Lamellar grinding wheels



- For removing rust, oxide layers, scratches
- For texturing and satin-finish of metal
- Maximum speed: 5,800 /min; recommended speed: 3,200 /min

Diameter mm	Width mm	Grit	Sales unit	Order no.
105	100	P 40	1	623477000
105	100	P 60	1	623513000
105	100	P 80	1	623479000
105	100	P 120	1	623480000
105	100	P 180	1	623481000
105	100	P 240	1	623482000

Flap wheels/fleece grinding wheels



- Pink aluminium oxide grinding lamellae combined with grain-coated nylon web
- For tarnishing, satin-finish and removing scratches on metal
- Removing old paint and smoothing wood materials
- Maximum speed: 5,600 /min; recommended speed: 2,900 /min

Diameter mm	Width mm	Grit	Sales unit	Order no.
105	100	P 60	1	623483000
105	100	P 80	1	623484000
105	100	P 180	1	623485000
105	50	P 60	1	623526000
105	50	P 80	1	623527000
105	50	P 180	1	623528000

Fleece grinding wheels



- Elastic grain-coated nylon web for shadow-free tarnishing, satin-finish and polishing of special steel and non-ferrous metals
- For use on wood to smooth surfaces
- Maximum speed: 5,600 /min; recommended speed: 2,900 /min, Ø 115 mm: 2,600 /min

Diameter mm	Width mm	Grit	Sales unit	Order no.
105	100	P 60	1	623486000
105	100	P 80	1	623487000
105	100	P 180	1	623488000
105	100	P 280	1	623514000
115	100	P 400	1	623468000
115	100	P 600	1	623469000
115	100	P 900	1	623494000

Corrugated fleece sanding/Grinding wheel



- For transition-free matt and satin-finishes on stainless steel surfaces and non-ferrous metals
- For removing minor scratches and for cleaning surfaces
- Elastic nylon fleece containing grit with a corrugated arrangement on the core
- Maximum speed: 5,900 /min; recommended speed: 3,000 /min

Diameter mm	Width mm	Grit	Sales unit	Order no.
100	100	P 180	1	623567000

Hard fleece grinding wheel



- For cleaning and descaling weld seams
- Removing rust, oxide layers and paint
- Strong longitudinal grinding of stainless steel
- Maximum speed: 5,400 /min; recommended speed: 2,800 /min

Diameter mm	Width mm	Grit	Sales unit	Order no.
110	100	P 46	1	623525000

Rubber grinding wheels



- Rubber mix with silicone carbide abrasive grains
- For removing small scratches. For bright shining, decorative longitudinal grinding of stainless steel and non-ferrous metals
- Maximum speed: 2,700 /min; recommended speed: 1,400 /min

Diameter mm	Width mm	Grit	Sales unit	Order no.
105	100	P 60	1	623510000
105	100	P 180	1	623499000

Polishing discs

		Order no.
	**Sisal polishing rings** ■ For pre-polishing steel and stainless steel in conjunction with the white polishing paste 623520000 ■ Maximum speed: 6,100 /min; recommended speed: 1,900 /min Diameter: 100 mm Width: 15 mm Version: impregnated Sales unit: 5	623507000
	**Nylon web polishing rings** ■ For pre-polishing non-ferrous steel in conjunction with the brown polishing paste 623522000 ■ Maximum speed: 6,100 /min; recommended speed: 1,900 /min Diameter: 100 mm Width: 10 mm Version: hard Sales unit: 8	623508000
	**Nylon web polishing rings** ■ For high-gloss polishing of all metals in conjunction with the blue polishing paste 623524000 ■ Maximum speed: 6,100 /min; recommended speed: 1,900 /min Diameter: 100 mm Width: 10 mm Version: soft Sales unit: 8	623509000

Polishing pastes

		Order no.
	**Polishing paste, white** ■ For pre-polishing and polishing stainless steel Weight: 250 g	623520000
	**Polishing paste, brown** ■ For pre-polishing and polishing non-ferrous metals Weight: 250 g	623522000
	**Polishing paste, blue** ■ For high-gloss polishing of all metals Weight: 250 g	623524000

Steel-wire wheel brushes

- For rust removal, deburring and cleaning metal
- For brushing out soft annual rings on wood
- Maximum speed: 6,000 /min; recommended speed: 3,000 - 4,500 /min

	Diameter mm	Width mm	Wire thickness	Order no.
	100	70	0.27 mm	623501000

Steel-wire wheel brushes, Inox

- With stainless wire. For cleaning weld seams, deburring, deburring, rust removal, roughening
- Maximum speed: 6,000 /min; recommended speed: 2,400 - 3,900 /min

	Diameter mm	Width mm	Wire thickness	Order no.
	100	70	0.20 mm	623503000

Plastic wheel brushes

- Elastic, grain-coated wheel brush for roughening and deburring metal
- For rustic effects on wood
- Maximum speed: 6,000 /min; recommended speed: 2,400 - 3,900 /min

	Diameter mm	Width mm	Order no.
	100	70	623505000

Fibre wheel brush

- For use on all wood materials. For polishing etched wood materials.
- For producing a dull finish. Dust removal and cleaning.
- Maximum speed: 6,000 /min; recommended speed: 2,400 - 3,900 /min

	Diameter mm	Width mm	Order no.
	100	100	623506000

Spacer rings

		Order no.
	**3 Spacer rings** ■ For width compensation when using grinding rollers, brushes, polishing rings	623511000

Sanding belt

	Order no.
 **Sanding belt** ■ With corrugated surface for non-slip work with sanding belts, nylon web and felt band Diameter: 85 mm Width: 70 mm	623529000

Adhesive tape

	Order no.
 **Adhesive tape** ■ For re-closing the sanding belts	623530000

Fleece bands



- For fine grinding or polishing, also on "closed" pipe constructions
- Resealable by "buttonhole closure"
- Only in conjunction with sanding belt 623529000

Length mm	Width mm	Version	Sales unit	Order no.
660	30	Coarse	3	623536000
660	30	medium	3	623537000
660	30	fine	3	623538000
660	30	extra fine	3	623539000

Felt band

	Order no.
 **Felt band** ■ For polishing work, also on "closed" pipe constructions ■ Can be used on both sides ■ Resealable by "buttonhole closure" ■ Only in conjunction with sanding belt 623529000 Length: 600 mm Width: 30 mm Sales unit: 1	623541000

Guard 50 mm incl. mounting arbor



- The guard and the mounting arbor have been specially designed for use with 50 mm wide lamellar / fleece grinding discs and fleece grinding wheels. This permits working near edges.

	Order no.
Guard 50 mm incl. mounting arbor 5/8"	626413000
Guard 50 mm incl. mounting arbor M 14	626414000

Stainless steel adhesive tape

	Order no.
 **Stainless steel adhesive tape** ■ For mitre cuts of welded stainless steel profiles. ■ Dimensions: 2.5 m x 40 x 0.15 mm	626376000

Micro-fibre cloth

	Order no.
 **3 Micro-fibre cloths 380 x 380 mm** ■ For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue ■ Suitable for all metals and hard plastics	626398000*

Stainless steel cleaning spray

	Order no.
 **Stainless steel cleaning spray 400 ml** ■ For cleaning, conserving and sealing of surfaces, especially on stainless steels.	626377000

Vienna lime chalk

	Order no.
 **Vienna lime chalk** ■ For cleaning, caring and polishing of smooth surfaces, especially stainless steel, silver, brass, glass, ceramic etc. ■ Contents: 300 g, shaker	626399000

* Self-service packaging



MARATHON MOTOR · VARIO CONSTAMATIC · RESTART PROTECTION

Technical data	Tube Belt Sander RBE 9-60 Set
Rated input power	900 W
Output power	470 W
Belt speed in idle	8 - 14 m/s
Grinding belt dimensions	30 x 533 mm
Maximum pipe diameter	60 mm
Wrap angle	190 °
Weight (without mains cable)	3.1 kg
Cable length	4 m

Scope of delivery

Order no.	602183
10 Sanding belts zirconia (30x533 mm; P80)	■
2 Pyramid sanding belts (30x533 mm; P280/A65)	■
2 Pyramid sanding belts (30x533 mm; P400/A45)	■
2 Pyramid sanding belts (30x533 mm; P600/A30)	■
2 Pyramid sanding belts (30x533 mm; P1200/A16)	■
3 Fleece bands (30x533 mm; medium)	■
Metal carry case	■

Product advantages

- Compact tube belt sander with high belt speeds for productive processing of stainless steel pipes
- Large wrap angle of 190° for smooth surfaces
- Metabo Marathon-motor with patented dust protection for long service life
- Thumbwheel controlled Vario-Constamatic (VC)-Full wave electronics ideal for working on materials requiring customised speeds, and at speeds which remain almost constant under load
- Tool-free sanding belt change and adjustable belt guide
- Electronic overload protection for long service life
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Auto-stop carbon brushes to protect the motor

18 V



RESTART PROTECTION

Technical data	Cordless Tube Belt Sander RB 18 LTX 60
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Belt speed in idle	9.2 m/s
Grinding belt dimensions	30 x 533 mm
Maximum pipe diameter	60 mm
Wrap angle	190 °
Weight (including battery pack)	3.3 kg

Scope of delivery

Order no.	600192
Dust filter	■
without battery pack, without charger	■

Product advantages

- Compact cordless tube belt sander for quick, flexible processing of stainless steel pipes
- Large wrap angle of 190° for smooth surfaces
- Robust motor for long service life
- Tool-free sanding belt change and adjustable belt guide
- Battery pack can be swivelled for better access in hard to reach places
- Detachable dust protection filter protects motor from coarse particles
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption

System components

Accessories → 194 | Battery packs → 72



MARATHON MOTOR · VARIO TACHO CONSTAMATIC · RESTART PROTECTION

Technical data	Tube Belt Sander RBE 15-180 Set
Rated input power	1,550 W
Output power	940 W
Belt speed in idle	8.4 - 28 m/s
Grinding belt dimensions	40 x 760 mm
Maximum pipe diameter	180 mm
Wrap angle	270 °
Weight (without mains cable)	3.4 kg
Cable length	4 m

Scope of delivery

Order no.	602243 [1]
Side handle	■
10 Sanding belts zirconia (40x760 mm; P80)	■
2 Pyramid sanding belts (40x760 mm; P280/A65)	■
2 Pyramid sanding belts (40x760 mm; P400/A45)	■
2 Pyramid sanding belts (40x760 mm; P600/A30)	■
2 Pyramid sanding belts (40x760 mm; P1200/A16)	■
3 Fleece bands (40x760 mm medium)	■
Metal carry case	■

[1] also available in 120 V (North/Latin America)

Product advantages

- Powerful tube belt sander for processing even larger stainless steel pipes
- Large wrap angle of 270° for smooth surfaces and quick work progress
- Metabo Marathon-motor with patented dust protection for long service life
- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- Rubberised drive roller: reduces slipping of the sanding belt
- Tool-free sanding belt change and adjustable belt guide
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 194

Aluminium oxide sanding belts



- For use throughout the metal industry. Flexible grinding material, dense with stable cotton base.
- Good material removal with good tool life. Uniform grinding result.
- Recommended circumferential speed: 25-35 m/s

Dimensions mm	Grit	Sales unit	Order no.
30 x 533	P 120	10	626279000*
30 x 533	P 180	10	626280000*
30 x 533	P 240	10	626281000*
30 x 533	P 320	10	626282000*
30 x 533	P 400	10	626283000*
40 x 760	P 120	10	626300000*
40 x 760	P 180	10	626301000*
40 x 760	P 240	10	626302000*
40 x 760	P 320	10	626303000*
40 x 760	P 400	10	626304000*

Zirconia alumina sanding belts



- For all metal uses, particularly suited for processing stainless steels/Inox. High performance sanding belt, dense with cotton base.
- High material removal with good service life. Even grinding result.
- For rough-polishing and deburring of steel and stainless steel
- Recommended circumferential speed: 25-35 m/s

Dimensions mm	Grit	Sales unit	Order no.
30 x 533	P 60	10	626284000*
30 x 533	P 80	10	626285000*
30 x 533	P 120	10	626286000*
40 x 760	P 60	10	626305000*
40 x 760	P 80	10	626306000*
40 x 760	P 120	10	626307000*

Ceramic grain sanding belts



- For all metal uses, particularly suited for processing stainless steels/Inox. Flexible high performance sanding belt, semi-open coarseness with cotton base
- Extremely high material removal with extremely high service life thanks to self-sharpening ceramic grain. Uniform grinding result and best sanding results.
- For pre-polishing and fine polishing, for example, of contours, profiles, etc.
- Recommended circumferential speed: 25-35 m/s for stainless steel
- Recommended circumferential speed: 20-30 m/s for NF metals
- Recommended circumferential speed: 5-10 m/s for high temperature Ni-/Co steels

Dimensions mm	Grit	Sales unit	Order no.
40 x 760	P 60	10	626308000*
40 x 760	P 80	10	626309000*
40 x 760	P 120	10	626310000*

* Self-service packaging

»Metabo Pyramid« sanding belts



- For all metal uses, particularly suited to the processing of rust-free steel/stainless steel
- 3-dimensional structure of the grinding media (pyramid-shaped). High material removal with, at the same time, a very even and fine grinding result for the entire lifetime of the product.
- Quick progress; considerably reduces the number of working stages compared to traditional grinding methods.
- Special product for processing of lightly and heavily profiled elements in the stainless steel industry.
- Recommended circumferential speed: 2.7-8.5 m/s

Dimensions mm	Grit	Sales unit	Order no.
30 x 533	P 120 (A 160)	5	626290000*
30 x 533	P 280 (A 65)	5	626291000*
30 x 533	P 400 (A 45)	5	626292000*
30 x 533	P 600 (A 30)	5	626293000*
30 x 533	P 1200 (A 16)	5	626294000*
30 x 533	P 2000 (A6)	5	626295000*
40 x 760	P 120 (A 160)	5	626311000*
40 x 760	P 280 (A 65)	5	626312000*
40 x 760	P 400 (A 45)	5	626313000*
40 x 760	P 600 (A 30)	5	626314000*
40 x 760	P 1200 (A 16)	5	626315000*
40 x 760	P 2000 (A6)	5	626316000*

Fleece bands



- For grinding, cleaning and finishing work. For removing scratches, colour runs and oxide layers.
- For preparing, pre-grinding and polishing weld seams
- Recommended circumferential speed: 25-30 m/s for steel
- Recommended circumferential speed: 15-25 m/s for stainless steel
- Recommended circumferential speed: 30-40 m/s for soft NF metals
- Recommended circumferential speed: 5-15 m/s for high temperature Ni-/ Co alloys

Dimensions mm	Grit	Sales unit	Order no.
30 x 533	Coarse	3	626296000*
30 x 533	medium	3	626297000*
30 x 533	Very fine	3	626298000*
40 x 760	Coarse	3	626319000*
40 x 760	medium	3	626320000*
40 x 760	Very fine	3	626322000*

Felt bands



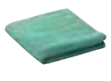
- For polishing stainless steel and non-ferrous metals, always in conjunction with a polishing paste.
- Recommended circumferential speed: 10-20 m/s

Dimensions mm	Grit	Sales unit	Order no.
30 x 533	Soft	1	626299000*
40 x 760	Soft	1	626323000*

Polishing pastes

	Order no.
 **Polishing paste, white** ■ For pre-polishing and polishing stainless steel Weight: 250 g	623520000
 **Polishing paste, brown** ■ For pre-polishing and polishing non-ferrous metals Weight: 250 g	623522000
 **Polishing paste, blue** ■ For high-gloss polishing of all metals Weight: 250 g	623524000

Additional accessories for tube belt sanders

	Order no.
 **Vienna lime chalk** ■ For cleaning, caring and polishing of smooth surfaces, especially stainless steel, silver, brass, glass, ceramic etc. ■ Contents: 300 g, shaker	626399000
 **3 Micro-fibre cloths 380 x 380 mm** ■ For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue ■ Suitable for all metals and hard plastics	626398000*
 **Stainless steel cleaning spray 400 ml** ■ For cleaning, conserving and sealing of surfaces, especially of stainless steels.	626377000

* Self-service packaging





04







Further Metal Processing

Die Grinders:
Slim line, strong performance.

Wherever metal constructions are created, a robust die grinder is an essential piece of equipment. These innovative power packs offer maximum productivity and precision for all applications. Whether mains-powered or with battery pack - Metabo's die grinders are amongst the slimmest and most compact machines on the market. Numerous safety functions such as the restart protection or the electronic safety shutdown, protect both user and machine.

Compact and light
With a body circumference of only 195 mm, the new Metabo die grinders are among the slimmest on the market. Although packed with power, the die grinders weigh up to only 1.7 kg

VARIO CONSTAMATIC

Safety and robustness
Aluminium die-cast bearing flange for long service life of the machine

A removable protective rubber cap ensures comfortable and safe working.

Vario Tacho Constamatic (VTC) Electronics
for working at the optimum setting for the material being processed with speed remaining almost constant under load



MARATHON MOTOR

Highest precision
thanks to hardened and polished precision collet providing accurate concentricity of the tool bit

Electronic safety shutdown
Immediately switches the machine off should the bit snag

Metabo Marathon-motor
Robust and resistant thanks to patented dust protection for long service life

GE 950 G Plus



Uniquely robust and quiet
The new planetary gear train ensures high torque in an extremely compact size.



Unparalleled productivity: Spindle stop
Lock the gearing by simply pressing a button and change the tool bit without needing a second key.



Extensive range of accessories
The die grinder can also be optimised as a stationary tool thanks to the tensioning frame and flexible shaft.

18 V





Technical data	Cordless Die Grinder GA 18 LTX	Cordless Die Grinder GPA 18 LTX	Cordless Die Grinder GA 18 LTX G
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V	18 V
No-load speed	25,000 /min	25,000 /min	6,000 /min
Collar diameter	43 mm	43 mm	43 mm
Collet chuck bore	6 mm	6 mm	6 mm
Weight (including battery pack)	2.1 kg	2.1 kg	2.2 kg
Scope of delivery			
Order no.	**600638**	**600621** [1]	**600639** [1]
Collet 6 mm	■	■	■
Protective rubber cap	■	■	■
Dust filter	■	■	■
Open-jawed spanner	■	■	■
2 Li-Power battery packs (18 V/5.2 Ah)	■		
Charger ASC 30-36 V »AIR COOLED«	■		
Plastic carry case	■		
MetaLoc case insert		■	
without battery pack, without charger		■	■
Side handle			■

[1] also available in 120 V (North/Latin America)

Product advantages

- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
- High torque and compact design thanks to robust planetary gear train

- Spindle lock for simple change of tools
- Electronic safety shutdown of the motor for safe working in case the tool stops unexpectedly
- Restart protection: prevents unintentional start-up after power supply interruption
- Overload protection: protects the motor from overheating
- Removable protective rubber cap for comfortable and safe working
- Slim design for ideal handling
- Precision collet for precise concentricity
- Battery packs with capacity display for checking the charge status

System components

Accessories → 202
Battery packs → 72





Technical data	Die Grinder GE 710 Compact	Die Grinder GE 710 Plus	Die Grinder GEP 710 Plus
No-load speed	13,000 - 34,000 /min	10,000 - 30,500 /min	10,000 - 30,500 /min
Rated input power	710 W	710 W	710 W
Output power	430 W	430 W	430 W
Revolutions at rated load	24,000 /min	24,000 /min	24,000 /min
Collar diameter	43 mm	43 mm	43 mm
Collet chuck bore	6 mm	6 mm	6 mm
Weight (without mains cable)	1.4 kg	1.6 kg	1.6 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	600615 [1]	600616 [1] [2]	600617 [1] [2]
Collet 6 mm	■	■	■
2 open-jawed spanners	■		
Protective rubber cap		■	■
1 Open-jawed spanner		■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Particularly handy due to compact design

- Long grinding spindle - ideal for working in hard to reach places
- Spindle lock for simple change of tools
- Aluminium die-cast bearing flange for long service life of the machine
- Removable protective rubber cap for comfortable and safe working

- Long grinding spindle - ideal for working in hard to reach places
- Spindle lock for simple change of tools
- Aluminium die-cast bearing flange for long service life of the machine
- Removable protective rubber cap for comfortable and safe working
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch

- Vario Constamatic (VC) Electronics for work with materials requiring customised speeds, which remain almost constant under load
- Thumbwheel for speed preselection
- Electronic safety shutdown of the motor for safe working in case the tool stops unexpectedly
- Restart protection: prevents unintentional start-up after power supply interruption
- Electronic overload protection for long service life
- Precise collar for stationary use
- Slim design for ideal handling
- Precision collet for precise concentricity
- Metabo Marathon-motor with patented dust protection for long service life

System components

Accessories → 202




Technical data	Die Grinder GE 950 G Plus	Die Grinder GEP 950 G Plus
No-load speed	2,500 - 8,700 /min	2,500 - 8,700 /min
Rated input power	950 W	950 W
Output power	510 W	510 W
Revolutions at rated load	7,200 /min	7,200 /min
Collar diameter	43 mm	43 mm
Collet chuck bore	6 mm	6 mm
Weight (without mains cable)	1.7 kg	1.7 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600618 [1] [2]	600627 [1] [2]
Collet 6 mm	■	■
Protective rubber cap	■	■
Side handle	■	■
1 Open-jawed spanner	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch

- High torque and compact design thanks to robust planetary gear train
- Spindle lock for simple change of tools
- Aluminium die-cast bearing flange for long service life of the machine
- Vario Constamatic (VC) Electronics for work with materials requiring customised speeds, which remain almost constant under load
- Thumbwheel for speed preselection
- Electronic safety shutdown of the motor for safe working in case the tool stops unexpectedly
- Restart protection: prevents unintentional start-up after power supply interruption
- Electronic overload protection for long service life
- Precise collar for stationary use
- Removable protective rubber cap for comfortable and safe working
- Slim design for ideal handling
- Precision collet for precise concentricity
- Metabo Marathon-motor with patented dust protection for long service life
- The specialist: handy grinder with especially high torque; ideal for grinding inner and outer surfaces in combination with flap wheels (see Accessories)

System components

Accessories → 202

Ready for any application: System solutions for die grinders.

Whether you remove fine burrs or want to grind surfaces in hard to reach places, we have the right die grinder for you. The machines impress with their slim design and details, like for example, the spindle lock for easy and fast tool change. An extensive range of accessories, compliment the different die grinders, permitting precise and safe working in the different application areas.

Flexible shafts



Order no.
627609000



Order no.
630980000

High speed



GE 710 Compact
Order no. 600615



GE 710 Plus
Order no. 600616



GA 18 LTX
Order no. 600638

Carbide cutter



Corundum Mounted Points



See page 207

Tensioning frame



Order no.
628329000



High torque



GE 950 G Plus
Order no. 600618



GA 18 LTX G
Order no. 600639

Flap wheels



See page 208

Always the right collet for your accessories

 **For die grinders**

 **For flexible shaft 630980000**

 **For flexible shaft 627609000**

Collet bore	Order no.	Collet bore	Order no.	Collet bore	Order no.
6 mm	630820000	6 mm	630977000	6 mm	630714000
8 mm	631946000	8 mm	630979000	3 mm	630715000
3 mm	631947000	3 mm	630976000		
1/8" (3.18 mm)	631948000				
1/4" (6.35 mm)	631949000				

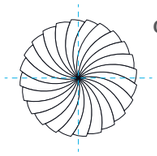
Carbide Rotary Burrs

- Carbide head made from high-quality carbide with a percentage of Cobalt
- Specially hardened steel shaft
- Special copper soldering material for a safe connection
- 100% control of the soldering joint

Design wave shape



Wave shape geometry



Centred teeth

Carbide router bits with round spur cutting edges are produced with a wave geometry; this results in improved ease of cutting at the end of the tool.

Shapes and applications at a glance

ZYAS (B)



WRC (C)



KUD (D)



TRE (E)



RBF (F)



SPG (G)



B (H)



KEL (L)



SKM (M)



R



Recommended cutting speeds for different material groups:

Material groups			Gearing	Cutting speed
Steel and die-cast materials	unhardened, non-heat treated steels up to 1,200 N/mm²(< 35 HRC)	Construction steels Carbon steels Tool steels Non-alloy steels Case-hardening steels Cast steel	Cross-cut gearing MX	450 - 600 m/min
	hardened, heat-treated steels over 1,200 N/mm (>35 HRC)	Tool steels Heat-treated steels Alloy steels Cast steel	Cross-cut gearing MX	250 - 350 m/min
Stainless steels	Steels resistant to rust and acid	austenitic and ferrous stainless steels	Cross-cut gearing MX	250 - 350 m/min
NF Metals	soft NF metals	Aluminium Brass Copper Zinc	Aluminium gearing ALU	600 - 900 m/min
	High temperature-resistant materials	Nickel-base alloys Ni-Co alloys	Cross-cut gearing MX	300 - 450 m/min
Cast iron materials		Grey cast iron Ductile cast iron	Cross-cut gearing MX	450 - 600 m/min

Example:
Gearing: cross / MX
Cutter head Ø 8 mm

Material group: Stainless steel
Cutting speed: 250 - 350 m/min
Recommended speed range: 10,000 - 14,000 /min

Recommended speed range:

	Cutting speeds (m/min)					
	250	300	350	450	600	900
Head Ø (mm)	Speeds (min^{-1})					
6	13,000	16,000	19,000	24,000	32,000	
8	10,000	12,000	14,000	18,000	24,000	
9.6	8,000	10,000	12,000	15,000	20,000	
12.7	6,000	7,500	9,000	11,000	15,000	23,000

Accessories for Die Grinders

Rotary Burrs

Carbide rotary burrs

- Carbide burrs with cross-cut gearing for general applications. The cross-cut gearing permits comfortable working and better control. Thanks to the improved ease of cutting, the material removal is increased. Suitable for almost all metals, such as hardened and unhardened steel, stainless steel, titanium, brass, copper, cast iron, bronze.
- Application examples: Deburring, machining of contours, processing of surfaces, milling of hard to reach places, machining of narrow angles

	Head Ø mm	Working length mm	Overall length mm	Shaft Ø mm	Gearing	Order no.
 **ZYAS** 	**Cylindrical rotary burrs, ZYAS shape (with spur gearing)** For general applications. Ideally suited for inner contours.					
	6	18	50	6	Cross-cut gearing	628341000*
	8	20	64	6	Cross-cut gearing	628342000*
	10	20	64	6	Cross-cut gearing	628343000*
	12	25	70	6	Cross-cut gearing	628344000*
 **WRC** 	**Radius end rotary burrs, WRC shape** For processing surfaces, contours and radii.					
	6	18	50	6	Cross-cut gearing	628345000*
	8	20	64	6	Cross-cut gearing	628346000*
	10	20	64	6	Cross-cut gearing	628347000*
	12	25	70	6	Cross-cut gearing	628348000*
 **KUD** 	**Rotary burrs, ball shape, KUD shape** To process contours and deburring of internal bores. Particularly for milling in hard to reach areas.					
	6	5	50	6	Cross-cut gearing	628349000*
	8	6	52	6	Cross-cut gearing	628350000*
	10	8	54	6	Cross-cut gearing	628351000*
	12	11	56	6	Cross-cut gearing	628352000*
 **TRE** 	**Rotary burrs, drop shape, TRE shape** For general applications.					
	6	10	50	6	Cross-cut gearing	628372000*
	8	15	60	6	Cross-cut gearing	628373000*
	10	16	60	6	Cross-cut gearing	628402000*
	12	22	67	6	Cross-cut gearing	628374000*
 **RBF** 	**Rotary burrs, semi-circular shape, RBF shape** For processing narrow workpieces.					
	6	18	50	6	Cross-cut gearing	628353000*
	8	20	65	6	Cross-cut gearing	628354000*
	10	20	64	6	Cross-cut gearing	628355000*
	12	25	70	6	Cross-cut gearing	628356000*
 **SPG** 	**Rotary burrs, pointed arch shape, SPG shape** For the processing of acute angles.					
	6	18	50	6	Cross-cut gearing	628357000*
	8	20	64	6	Cross-cut gearing	628358000*
	10	20	64	6	Cross-cut gearing	628359000*
	12	25	70	6	Cross-cut gearing	628360000*
 **B** 	**Rotary burrs flame shape, B shape** For general applications.					
	6	14	50	6	Cross-cut gearing	628361000*
	8	20	64	6	Cross-cut gearing	628362000*
	10	20	65	6	Cross-cut gearing	628363000*
	12	32	77	6	Cross-cut gearing	628364000*

* Self-service packaging

	Head Ø mm	Working length mm	Overall length mm	Shaft Ø mm	Gearing	Order no.
 **KEL** 	**Rotary burrs round taper shape, KEL shape** For processing hard to reach areas.					
	6	18	50	6	Cross-cut gearing	628401000*
	8	25	70	6	Cross-cut gearing	628365000*
	10	30	76	6	Cross-cut gearing	628366000*
	12	32	77	6	Cross-cut gearing	628367000*
 **SKM** 	**Rotary burrs, pointed cone shape, SKM shape** For processing hard to reach areas. Ideally suited for model construction. The conical shape permits the cutting of continuous diameters.					
	6	20	50	6	Cross-cut gearing	628368000*
	8	18	64	6	Cross-cut gearing	628369000*
	10	20	64	6	Cross-cut gearing	628370000*
	12	22	71	6	Cross-cut gearing	628371000*
 **R** 	**Radius rotary burr** Unparalleled radius router burr with special curved structure. The specially developed guide system prevents the cutter sliding off the work piece. Therefore it is ideally suited for fine radii at sharp corners/edges and good control over sharp edges. The special groove geometry (overlapping standard gearing in the bit centre) permits fine milling on all surfaces and quick material removal with long service life. The smooth face side helps guiding the cutter and protects the surface from damage. Specially developed for achieving radius chamfers in hard materials such as steel, stainless steel, cast iron, titanium, bronze, copper, brass, etc.					
	12	16	70	6	Simple gearing	628378000*

Carbide rotary burrs for aluminium

- Carbide burr with special aluminium gearing for processing soft, long-chip materials such as aluminium and plastics. The aluminium gearing permits a high chip removal rate and high cutting performance with smooth operation.
- Application examples: Deburring, machining of contours, processing of surfaces, milling of hard to reach places, machining of narrow angles

	Head Ø mm	Working length mm	Overall length mm	Shaft Ø mm	Gearing	Order no.
 **ZYAS** 	**Cylindrical rotary burr, ZYAS shape/ Alu (with spur gearing)** Ideal for inside contours and general applications					
	12	25	70	6	Aluminium gearing	628375000*
 **WRC** 	**Rotary burr, radius end, WRC shape/ Alu** For processing surfaces, contours and radii					
	12	25	70	6	Aluminium gearing	628377000*
 **KUD** 	**Rotary burr, spherical shape, KUD shape/ Alu** For processing contours and deburring of internal bores					
	12	11	56	6	Aluminium gearing	628376000*

Carbide burr sets

- Carbide burrs with cross-cut gearing for general applications. The cross-cut gearing permits comfortable working and better control. Thanks to the improved ease of cutting, the material removal is increased. Suitable for almost all metals, such as hardened and unhardened steel, stainless steel, titanium, brass, copper, cast iron, bronze.
- Application examples: Deburring, machining of contours, processing of surfaces, milling of hard to reach places, machining of narrow angles

		Order no.
	**Carbide burr set** Contents: 1 x Order no.: head-Ø x working length x overall length, shaft-Ø, shape 1 x 628343000: ZYAS 102064, cylinder / B-shape 1 x 628347000: WRC 102064, radius end/C shape 1 x 628351000: KUD 100854, sphere/D shape 1 x 628402000: TRE 101660, ellipse/E shape 1 x 628359000: SPG 102064, pointed arch/G shape	628403000*
	**Carbide burr set** Contents: 1 x Order no.: head-Ø x working length x overall length, shaft-Ø, shape 1 x 628343000: ZYAS 102064, cylinder / B-shape 1 x 628344000: ZYAS 122570, cylinder / B-shape 1 x 628347000: WRC 102064, radius end/C shape 1 x 628348000: WRC 122570, radius end/C shape 1 x 628352000: KUD 121156, sphere/D shape 1 x 628402000: TRE 101660, ellipse/E shape 1 x 628356000: RBF 122570, round arch/F shape 1 x 628359000: SPG 102064, pointed arch/G shape 1 x 628360000: SPG 122570, pointed arch/G shape 1 x 628367000: KEL 123277, round cone/L shape	628404000*
	**Carbide burr display** Contents: 2 x Order no.: head-Ø x working length x overall length, shaft-Ø, shape 2 x 628341000: ZYAS 061850, cylinder / B-shape 2 x 628345000: WRC 061850, radius end/C shape 2 x 628353000: RBF 061850, round arch/F shape 2 x 628357000: SPG 061850, pointed arch/G shape 2 x 628401000: KEL 061850, round cone/L shape 2 x 628346000: WRC 082064, radius end/C shape 2 x 628354000: RBF 082065, round arch/F shape 2 x 628358000: SPG 082064, pointed arch/G shape 2 x 628365000: KEL 082570, round cone/L shape 2 x 628343000: ZYAS 102064, cylinder / B-shape 2 x 628347000: WRC 102064, radius end/C shape 2 x 628355000: RBF 102064, round arch/F shape 2 x 628359000: SPG 102064, pointed arch/G shape 2 x 628366000: KEL 103076, round cone/L shape 2 x 628344000: ZYAS 122570, cylinder / B-shape 1 x 628348000: WRC 122570, radius end/C shape 2 x 628356000: RBF 122570, round arch/F shape 2 x 628360000: SPG 122570, pointed arch/G shape 2 x 628367000: KEL 123277, round cone/L shape 2 x 628402000: TRE 101660, ellipse/E shape	628405000

* Self-service packaging

Corundum Mounted Points

Mounted points made of pink aluminium oxide

- Mounted points made from pink aluminium oxide for steel and cast steel
- For the preparation of weld seams, processing of weld seams
- Rough machining to fine processing
- For deburring and buffing

	Head Ø mm	Working length mm	Overall length mm	Shaft Ø mm	Grit	Order no.
	16	32	40	6	K 46	628330000*
	25	25	40	6	K 36	628331000*
	16	32	40	6	K 46	628332000*
	25	25	40	6	K 36	628333000*
	20	32	40	6	K 36	628334000*
	**Mounted points made from pink aluminium oxide in a set** ■ Mounted points made from pink aluminium oxide for steel and cast steel ■ Ideal for the preparation of weld seams, processing of weld seams ■ Rough machining to fine processing ■ Deburring ■ Plastering Contents: 1 x Order no.: head-Ø x working length x shaft length, shaft-Ø, grit, shape 1 x 628330000: 16 x 32 x 40 mm, 6 mm, K 46, Cylinders 1 x 628331000: 25 x 25 x 40 mm, 6 mm, K 36, Cylinders 1 x 628332000: 16 x 32 x 40 mm, 6 mm, K 46, Taper 1 x 628333000: 25 x 25 x 40 mm, 6 mm, K 36, Ball 1 x 628334000: 20 x 32 x 40 mm, 6 mm, K 36, Pointed arch					628335000*

Mounted points made of aluminium oxide

- Mounted points made of aluminium oxide for processing stainless steel, Inox, NK 24 N BA, soft version, free from iron and sulphur
- For the preparation of weld seams, processing of weld seams
- Rough machining to fine processing
- For deburring and buffing

	Head Ø mm	Working length mm	Overall length mm	Shaft Ø mm	Grit	Order no.
	20	32	40	6	K 24	628336000*
	25	32	40	6	K 24	628337000*
	32	32	40	6	K 24	628338000*
	40	20	40	6	K 24	628339000*
	50	10	40	6	K 24	628340000*

Flap Wheels



- Aluminium oxide flap wheels
- For processing profiled workpieces, inner surfaces, narrow and hard to reach areas. Particularly for radial use.
- Ideal for smoothing, rust removal, buffing, deburring; rough grinding of steel; processing of steel surfaces; tarnishing; flat surface grinding; effect grinding

Diameter x width mm	Shaft Ø mm	Grit	Maximum speed /min	Sales unit	Order no.
Ø 50 x 20	6	P 40	15,200	1	628379000*
Ø 50 x 20	6	P 60	15,200	1	631110000*
Ø 50 x 20	6	P 80	15,200	1	628380000*
Ø 60 x 20	6	P 40	12,700	1	628381000*
Ø 60 x 20	6	P 60	12,700	1	628382000*
Ø 60 x 20	6	P 80	12,700	1	628383000*
Ø 60 x 30	6	P 40	12,700	1	628384000*
Ø 60 x 30	6	P 60	12,700	1	631111000*
Ø 60 x 30	6	P 80	12,700	1	628385000*
Ø 60 x 30	6	P 120	12,700	1	628386000*
Ø 60 x 30	6	P 180	12,700	1	628387000*
Ø 60 x 30	6	P 240	12,700	1	628388000*
Ø 60 x 40	6	P 40	12,700	1	628389000*
Ø 60 x 40	6	P 60	12,700	1	631112000*
Ø 60 x 40	6	P 80	12,700	1	628390000*
Ø 80 x 30	6	P 40	9,500	1	628391000*
Ø 80 x 30	6	P 60	9,500	1	628392000*
Ø 80 x 30	6	P 80	9,500	1	628393000*
Ø 80 x 30	6	P 120	9,500	1	628394000*
Ø 80 x 40	6	P 40	9,500	1	628395000*
Ø 80 x 40	6	P 60	9,500	1	628396000*
Ø 80 x 40	6	P 80	9,500	1	628397000*
Ø 80 x 50	6	P 40	9,500	1	628398000*
Ø 80 x 50	6	P 60	9,500	1	628399000*
Ø 80 x 50	6	P 80	9,500	1	628400000*

Small Grinding Discs

Quality class A 24-Q »Flexiamant Super« steel



- Universal disc for all aspects of metal processing, particularly suitable for deburring and grinding edges, also for cast processing
- Hardness: hard
- Good material removal with extremely good tool life

Diameter x thickness x bore mm	Maximum speed /min	Maximum working speed m/s	Sales unit / packing unit	Suitable for machine	Order no.
50 x 6 x 6	30,600	80	1/25		630187000

* Self-service packaging

Small Cutting Discs

Quality class A 46-U 9 »Flexiamant Super« Inox



- High-output disc especially for processing stainless steel
- Maximum cutting output with very long tool life by using special corundums. Free from iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %), for all rust and acid resistant steels (V2A, Nirosta, INOX), spring steels, tool steels
- For use in the manufacture of vehicles, containers, car bodies, switch cabinets etc. Cutting discs for quiet, precise cutting cuts without burrs
- Hardness: hard

Diameter x thickness x bore mm	Maximum speed /min	Maximum working speed m/s	Sales unit / packing unit	Suitable for machine	Order no.
50 x 1 x 6	30,600	80	1/50		630191000
50 x 2 x 6	30,600	80	1/25		630192000
76 x 2 x 6	20,100	80	1/25		630194000
76 x 1.1 x 6	20,100	80	1/50		630195000
Mounting arbor for small cutting discs					630189000*

Collets for die grinder



Collet bore	Version	Order no.
3 mm	hexagon	631947000*
1/8" (3.18 mm)	hexagon	631948000*
6 mm	hexagon	631945000*
6 mm	double flat	630820000
8 mm	double flat	630833000
8 mm	hexagon	631946000*
1/4" (6.35 mm)	double flat	631949000

Flexible shafts

		Order no.
	**Flexible shaft 27609** ■ Suitable for speeds of 20,000 to 30,000 rpm ■ Bearing-mounted at both ends ■ For router bits, mounted points, flap wheels etc. with 6 mm shaft diameter. Interchangeable collet for accessories with 3 mm shaft diameter available as accessory (630715000) ■ 6 mm driving shaft for fixing the flexible shaft in the collet bore of the drive machine. If the collet bore of the drive machine has a different dimension than 6 mm, the collet of the drive machine must be changed. 6 mm collet available as accessory (631945000) suitable for routers: FME 737 suitable for die grinders: G 500, GE 700, GE 710 Compact, GE 710 Plus Length: 1.3 m Driving shaft: 6 mm Collet bore: 6 mm Weight: 0.8 kg	627609000*
	**Flexible shaft 30980** ■ Suitable for speeds of 7,500 to 30,000 rpm ■ Bearing-mounted at both ends ■ For router bits, mounted points, flap wheels etc. with 8 mm shaft diameter. Interchangeable collet for accessories with 6 mm shaft diameter (630977000) and 3 mm shaft diameter (630976000) available as accessory ■ 8 mm driving shaft for fixing the flexible shaft in the collet bore of the drive machine. If the collet bore of the drive machine has a different dimension than 8 mm, the collet of the drive machine must be changed. 6 mm collet available as accessory (631945000) suitable for routers: FME 737 suitable for die grinders: G 500, GE 700, GE 900 Plus, GE 710 Compact, GE 710 Plus, GE 950 G Plus Length: 1.3 m Driving shaft: 8 mm Collet bore: 8 mm Weight: 0.8 kg	630980000*

Collets for flexible shaft 630980000



- To attach the carbide router bits, mounted points etc. to the flexible shaft

Collet bore	Order no.
3 mm	630976000
6 mm	630977000
8 mm	630979000

Collets for flexible shaft 627609000



- To attach the carbide router bits, mounted points etc. to the flexible shaft

Collet bore	Order no.
3 mm	630715000
6 mm	630714000

Additional Accessories for Die Grinders

		Order no.
	**Tensioning frame** ■ Tensioning frame for working with a flexible shaft ■ The Metabo tensioning frame with hard rubber can be set up or hung up, is non-slip, stable and protects delicate surfaces from scratches. ■ Suitable for GE 710 Plus, GE 950 G Plus, GA 18 LTX, GA 18 LTX G	628329000
	**Clamping stand** ■ For safe clamping of drills and impact drills as well as die grinders and the motor of the router when working with flexible shafts. Aperture Ø 43 mm. The clamp (627107000) serves for the secure fixing.	627354000*
	**Clamp** ■ For the secure fixing on a work table	627107000*

* Self-service packaging

Metabo bevelling tools: Fast and clean processing of edges.

Metabo bevelling tools are the ideal solution when it comes to breaking sharp edges, prepare visible edges or carry out a weld seam preparation. The new machines are extremely powerful with a chamfer height of up to 15 mm (at 45°). The KFM 18 LTX 3 RF are also the most powerful 18 Volt battery pack bevelling tool on the market for chamfers of up to 4 mm and radii of up to 3 mm.

Patented one-touch controller
Fast and precise cutting depth setting without tools thanks to 0.1 mm stop points in patented one-touch controller.



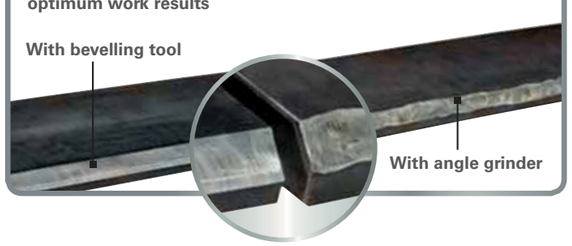
KFM 15-10 F



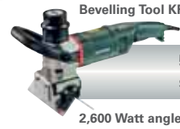
Reduced operating cost
by using only one milling head for all chamfer angles seamlessly from 0 - 90°

Front handle
for safe and uniform guidance when milling, adjustable without the need for tools

High surface quality, precise chamfer angles - optimum work results



Bevelling Tool KFM 16-15 F



5x more edges bevelled in the same period of time

2,600 Watt angle grinders



Material: construction steel (S235JR) chamfer 15 mm x 45°

Machine	Milling geometry	Maximum chamfer height			adjustable chamfer angle	Application
		at 15°	at 30°	at 45°		
KFM 9-3 RF	Chamfer and radius	–	–	4 mm	45°	■ Deburring of sheet metal with many contours ■ Chamfering of pipes ■ Chamfering and rounding of drilled and punched edges
KFM 18 LTX 3 RF	Chamfer and radius	–	–	4 mm	45°	
KFM 15-10 F / KFMPB 15-10 F	Chamfer	22.5 mm	15 mm	10 mm	0 - 90°	■ Weld seam preparation flat material ■ Weld seam preparation pipes
KFM 16-15 F	Chamfer	28 mm	23 mm	15 mm	0 - 90°	

18 V



RESTART PROTECTION · SOFT-START

Cordless Bevelling Tool KFM 18 LTX 3 RF

Technical data	
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
No-load speed	7,000 /min
Type of edges	Chamfer and radius
Max. chamfer width 45°	6 mm
Max. chamfer height at 45°	4 mm
Possible radii	R2 / R3
Grading of cutting depth setting	0.1 mm
Curves smallest internal Ø	13 mm
Weight (including battery pack)	3.1 kg

Scope of delivery

Order no.	601754 [1]
2 Carbide indexable inserts 45° chamfer	■
2 Carbide indexable inserts radius R2	■
2 Carbide indexable inserts radius R3	■
Guide stop	■
Screwdriver Torx 15	■
Front handle	■
Dust filter	■
2 LiHD battery packs (18 V/5.5 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■
MetaLoc case	■

[1] also available in 120 V (North/Latin America)

Product advantages

- The most powerful cordless metal bevelling tool for 45° chamfers up to 4 mm and radii of 2 and 3 mm
- Surfaces free from oxide and burrs as ideal preparation for the application of powder or paint coatings for maximum protection from corrosion
- One-touch controller: Patented, tool-free setting of the cutting depth in 0.1 steps; stop points for short setting times, and protection against unintentional adjustment of the cutting depth when working
- Slim milling head for working on tubes, on bores from Ø 13 mm, and on exterior contours
- Parallel guide / rip fence for a uniform finish when processing straight edges
- Battery pack can be swivelled for better access in hard to reach places
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Detachable dust protection filter protects motor from coarse particles



MARATHON MOTOR · VARIO CONSTAMATIC · RESTART PROTECTION · SOFT-START

Bevelling Tool KFM 9-3 RF

Technical data	
No-load speed	4,500 - 11,500 /min
Rated input power	900 W
Output power	470 W
Type of edges	Chamfer and radius
Max. chamfer width 45°	6 mm
Max. chamfer height at 45°	4 mm
Possible radii	R2 / R3
Grading of cutting depth setting	0.1 mm
Curves smallest internal Ø	13 mm
Weight (without mains cable)	2.5 kg
Cable length	4 m

Scope of delivery

Order no.	601751 [1] [2]
2 carbide indexable inserts 45° chamfer (ISO: DCMT 11 T 304)	■
2 Carbide indexable inserts radius R2	■
2 Carbide indexable inserts radius R3	■
Guide stop	■
Screwdriver Torx 15	■
Front handle	■
MetaLoc case	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Compact metal bevelling tool for 45° chamfers and radii of 2 to 3 mm at visible edges
- Surfaces free from oxide and burrs as ideal preparation for the application of powder or paint coatings for maximum protection from corrosion
- One-touch controller: Patented, tool-free setting of the cutting depth in 0.1 steps; stop points for short setting times, and protection against unintentional adjustment of the cutting depth when working
- Slim milling head with standard carbide indexable inserts and ball bearing stationary seal ring for working in pipes and on curves
- Guide stop for a uniform finish and high quality surface finish when processing straight sheets
- Metabo Marathon-motor with patented dust protection for long service life
- Thumbwheel controlled Vario-Constamatic (VC)-Full wave electronics ideal for working on materials requiring customised speeds, and at speeds which remain almost constant under load
- Electronic safety shutdown of the motor for safe working in case the tool stops unexpectedly
- Electronic overload protection, soft start and restart protection

System components

Accessories → 214 | Battery packs → 72



MARATHON MOTOR · VARIO CONSTAMATIC · RESTART PROTECTION · SOFT-START



MARATHON MOTOR · RESTART PROTECTION · SOFT-START · PADDLE-SWITCH



MARATHON MOTOR · RESTART PROTECTION · SOFT-START

Technical data	KFM 15-10 F	KFMPB 15-10 F	KFM 16-15 F
No-load speed	7,800 - 12,200 /min	12,500 /min	12,000 /min
Rated input power	1,550 W	1,550 W	1,600 W
Output power	840 W	810 W	900 W
Type of edges	Chamfer	Chamfer	Chamfer
Max. chamfer width 45°	14 mm	14 mm	21 mm
Max. chamfer height 15° / 30° / 45°	22.5 mm / 15 mm / 10 mm	22.5 mm / 15 mm / 10 mm	28 mm / 23 mm / 15 mm
Grading of cutting depth setting	0.1 mm	0.1 mm	0.1 mm
Curves smallest outer Ø	75 mm	75 mm	100 mm
Weight (without mains cable)	4.9 kg	5.1 kg	6.9 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	601752 [1] [2]	601755 [1] [2]	601753 [1] [2]
3 Carbide indexable inserts Universal	■	■	■
Stop roller	■	■	■
Screwdriver Torx 15	■	■	■
Screwdriver SW 4 with T-handle	■	■	■
Open-jawed spanner SW 10	■	■	■
Side handle	■	■	
Metal carry case	■	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Metal bevelling tool for chamfer heights up to 10 mm for weld seam preparation
- Thumbwheel controlled Vario-Constamatic (VC)-Full wave electronics ideal for working on materials requiring customised speeds, and at speeds which remain almost constant under load

- Metal bevelling tool for chamfer heights up to 10 mm for weld seam preparation with maximum user safety by virtue of a dead-man switch and brake system
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Patented, mechanical brake system stops the router bit within 2 seconds after switching off

- Metal bevelling tool for chamfer heights up to 15 mm for weld seam preparation

- One-touch controller: Patented, tool-free setting of the cutting depth in 0.1 steps; stop points for short setting times, and protection against unintentional adjustment of the cutting depth when working
- Precise setting of the chamfer angle directly via the guide plates
- Universal milling head with three carbide indexable inserts for all chamfer angles from 0-90°
- Controlled working by virtue of large-scale guide plates
- Stop roller to guide along pipes for easy preparation of weld seams
- Front handle for safe and uniform guidance, adjustable without the need for tools
- Metabo Marathon-motor with patented dust protection for long service life
- Electronic overload protection, soft start and restart protection
- Protection of the user by virtue of lateral plates for conveying the chips

System components

Accessories → 214

Carbide indexable inserts for deburring and rounding

- For deburring of sheet metal with many contours
- For chamfering of pipes
- For chamfering and rounding of drilled and punched edges
- Suitable for KFM 9-3 RF, KFM 18 LTX 3 RF

	Order no.
 **10 Carbide indexable inserts R2, radius 2**	623561000
 **10 Carbide indexable inserts R3, radius 3**	623562000
 **10 Carbide indexable inserts chamfer 45°**	623560000

Carbide indexable inserts for weld seam preparation

- For weld seam preparation of flat material and pipes
- Suitable for KFM 15-10 F, KFM 16-15 F, KFMPB 15-10 F

	Order no.
 **10 Carbide indexable inserts Universal** For chamfering of production and in fine-grained steel, as well as stainless steel	623564000
 **10 Carbide Indexable Inserts** For chamfering stainless steel	623565000
 **10 Carbide Indexable Inserts** For chamfering aluminium and plastics NEW	623559000

Fixing screws for indexable inserts

	Order no.
 ■ To fix the indexable inserts for the bevelling tools ■ The screws have a hexagon recess on the thread side so that the indexable inserts can also be exchanged with a damaged screw and the screws can be replaced. ■ Suitable for KFM 15-10 F, KFM 16-15 F, KFMPB 15-10 F, KFM 9-3 RF, KFM 18 LTX 3 RF	623566000

Accessories for Shears

	Order no.
 **Reversible blade** ■ Same blade for tappet and cutting bench For the curve shears Ku 6870	630201000
 **Reversible blade** ■ Same blade for tappet and cutting bench For the curve shears Ku 6872	631042000
 **Tappet blade** Suitable for Ku 6872 and Ku 6870	631041000

Accessories for Nibblers

	Order no.
 **Punch** For the nibbler Kn 6875 (as spare)	630202000
 **Die** For the nibbler Kn 6875 (as spare)	630203000



Technical data	Metal Chop Saw CS 23-355
Grinding wheels (Ø x bore)	355 x 25.4 mm
Torque	18 Nm
No-load speed	4,000 /min
Rated input power	2,300 W
Cutting capacity steel bars	65 mm
Cutting capacity pipes	125 mm
Cutting capacity steel sections	115 x 130 mm
Maximum opening of vice jaws	238 mm
Dimensions of the base plate	468 x 282 mm
Transport height	400 mm
Weight	16.9 kg
Cable length	2.7 m

Scope of delivery

Order no.	602335 [1] [2]
Open-ended ring spanner	■
Inner support flange	■
Flange nut	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- For single phase alternating current
- Powerful and fast cutting for profiles, pipes and rods made of steel, cast iron, aluminium and other non-ferrous metals.
- Motor and gear with ball bearing for high loads
- Spindle lock for easy disc change
- Quick clamping device with variable mitre conversion from -15° up to 45°
- Easy to transport due to built-in handle and locking device
- High safety thanks to swivelling cutting guard
- Storage for double-ended wrench at the machine table
- Safe working thanks to adjustable spark guide plate
- Adjustable cutting depth limiter

System components

Accessories → 216

Quality class A 30-R / A 36-S »Flexiamant Super« steel



- Good cutting output with good tool life in steel
- Tough version for powerful machines (machine load > 3 KW)
- A 36-S: with an inside gauze for quick cuts
- Maximum working speed 80 m/s

Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
A 30-R	350 x 3 x 25.4	—	4,365	1/10	**616327000**
A 36-S	350 x 3 x 25.4	—	4,365	1/10	**616339000**

Quality class A 24-M »Flexiamant Super« steel



- High cutting output with good tool life in steel
- Soft version for less powerful machines (machine load <3 KW)
- Maximum working speed 80 m/s

Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
A 24-M	350 x 3 x 25.4	—	4,365	1/10	**616338000**

Quality class A 36-R »Flexiamant Super« Inox



- Medium-hard special cutting disc for stainless steel
- High cutting output with good tool life
- Low in iron and sulphur <0.1%
- Maximum working speed 80 m/s
- Medium hard version for less powerful machines (machine load <3 KW)

Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
A 36-R	350 x 3 x 25.4	—	4,365	1/10	**616343000**





Technical data	Bench Grinder DS 125	Bench Grinder DS 150
Grinding wheels (Ø x thickness x bore)	125 x 20 x 20 mm	150 x 20 x 20 mm
No-load speed	2,980 /min	2,980 /min
Rated input power	200 W	350 W
Output power	130 W	200 W
Breakdown torque	0.9 Nm	1.1 Nm
Weight	7.5 kg	9.5 kg
Cable length	2 m	2 m

Scope of delivery

Order no.	619125	619150 [1]
Aluminium oxide grinding wheels 36 P and 60 N	■	■
Spark protection glasses	■	■
Work piece support	■	■
Hexagonal wrench	■	■

[1] also available in 120 V (North/Latin America)

Product advantages

- Small and space-saving workshop machine
- Low-noise and low-vibration, maintenance-free induction motor
- Motor for single phase alternating current
- Protective guard bayonet lock for quick and simple wheel change
- Large spark protection guards for eye protection
- Vibration-dampening rubber feet for safe support

System components

Accessories → 220







Technical data	Bench Grinder DS 175	Combo Bench Grinder BS 175	Combo Dry-Wet Grinder TNS 175
Grinding wheels (Ø x thickness x bore)	175 x 25 x 32 mm	175 x 25 x 32 mm	175 x 25 x 32 mm
Wet grinding wheel (Ø x thickness x bore)	–	–	200 x 40 x 20 mm
No-load speed	2,980 /min	2,980 /min	2,980/132 /min
Rated input power	500 W	500 W	500 W
Output power	310 W	310 W	310 W
Breakdown torque	2.3 Nm	2.3 Nm	2.3 Nm
Length of belt grinding arm	–	285 mm	–
Sanding belt (width x length)	–	50 x 1,020 mm	–
Belt speed	–	18 m/s	–
Extraction nozzle, internal Ø	35 mm	35 mm	35 mm
Weight	14.9 kg	14.9 kg	15.2 kg
Cable length	2 m	2 m	2 m

Scope of delivery

Order no.	619175 [1]	601750	611750
Regular aluminium oxide grinding wheels 36 P and 60 N	■		
Spark protection glasses	■	■	■
Work piece support	■	■	■
Hexagonal wrench	■	■	■
Regular aluminium oxide grinding wheel 60 N		■	■
Cloth Sanding Belt K 60		■	
Wet grinding wheel			■

[1] also available in 120 V (North/Latin America)

Product advantages

- Large belt sanding arm which can be continuously tilted by 90° for processing wood and metal work pieces
- Varied application by means of combination of wet and dry grinding disc
- Corrosion-proof water bath container

- Sturdy machine for sophisticated sharpening, grinding and deburring tasks
- Low-noise and low-vibration, maintenance-free induction motor
- Motor for single phase alternating current
- Guards closed on the sides with extraction nozzle
- Protective guard bayonet lock for quick and simple wheel change
- Dust-protected emergency stop switch
- Restart protection: prevents unintentional start-up after power supply interruption
- Workpiece support adjustable without tools
- Large spark protection guards for eye protection
- Vibration-dampening rubber feet for safe support

System components

Accessories → 220







Technical data	Bench Grinder DS 200	Bench Grinder DSD 200	Bench Grinder DSD 250
Grinding wheels (Ø x thickness x bore)	200 x 25 x 32 mm	200 x 25 x 32 mm	250 x 40 x 51 mm
No-load speed	2,980 /min	2,980 /min	1,490 /min
Rated input power	600 W	750 W	650 W
Output power	420 W	550 W	490 W
Breakdown torque	2.6 Nm	7.2 Nm	10 Nm
Extraction nozzle, internal Ø	35 mm	35 mm	35 mm
Weight	16.6 kg	17.2 kg	33.8 kg
Cable length	2 m	2 m	2 m

Scope of delivery

Order no.	619200 [1]	619201	619250 [1]
Regular aluminium oxide grinding wheels 36 P and 60 N	■	■	■
Spark protection glasses	■	■	■
Work piece support	■	■	■
Hexagonal wrench	■	■	■

[1] also available in 120 V (North/Latin America)

Product advantages

- Motor for single phase alternating current
- Powerful three-phase motor with high torque
- Powerful three-phase motor with high torque

- Particularly powerful machine for high requirements
- Low-noise and low-vibration, maintenance-free induction motor
- Robust die-cast aluminium guards
- Protective guard bayonet lock for quick and simple wheel change
- Dust-protected emergency stop switch
- Restart protection: prevents unintentional start-up after power supply interruption
- Workpiece support adjustable without tools
- Large spark protection guards for eye protection
- Vibration-dampening rubber feet for safe support

System components

Accessories → 220

Grinding Wheels

Grinding wheels, aluminium oxide



- For sanding/grinding tool steel
- Fine grit (60N): suitable for fine grinding of hardened and unhardened steels, for example spiral drills, screwdrivers, chisels, turning chisels, splitting tools, bevelled-edge chisels, carving knives
- Coarse grit (36P): suitable for pre-grinding of hardened and unhardened steels, for example chisels, splitting tools

Diameter x thickness x bore mm	Grit and hardness	Suitable for	Order no.
120 x 20 x 20	36 P	DS 125, Ds W 3150	629088000
120 x 20 x 20	60 N	DS 125, Ds W 3150	629089000
120 x 20 x 12	60 N	DS 125 W, Ds W 3150	629090000
150 x 20 x 20	36 P	DS 150, Ds W 3150	630632000
150 x 20 x 20	60 N	DS 150, Ds W 3150	630633000
150 x 20 x 32	36 P	Ds 7202	630777000
150 x 20 x 32	60 N	Ds 7202, Ds 7203	630778000
175 x 25 x 20	36 P	DS 175 W / DS 175 D	629091000
175 x 25 x 20	60 N	DS 175 W / DS 175 D	629092000
175 x 25 x 32	36 P	DS 175, BS 175, TNS 175, Ds W 5175 / Ds D 6175	630657000
175 x 25 x 32	60 N	DS 175, BS 175, TNS 175, Ds W 5175 / Ds D 6175	630656000
200 x 25 x 20	36 P	DS 200/25 W / DS 200/25 D	629093000
200 x 25 x 20	60 N	DS 200/25 W / DS 200/25 D	629094000
200 x 25 x 32	36 P	DS 200, DSD 200, Ds 7211, Ds W 9200 / Ds D 9201	630784000
200 x 25 x 32	60 N	DS 200, DSD 200, Ds 7211, Ds W 9200 / Ds D 9201	630785000
200 x 32 x 32	36 P	Ds W 9200 / Ds D 9201	630634000
200 x 32 x 32	60 N	Ds W 9200 / Ds D 9201	630635000
250 x 32 x 32	24 Q	Ds 7226	630788000
250 x 32 x 32	60 N	Ds 7226	630789000
250 x 40 x 51	36 P	DSD 250, Ds D 9250	630636000
250 x 40 x 51	60 N	DSD 250, Ds D 9250	630637000

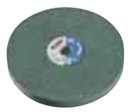
Pink aluminium oxide grinding wheels



- For sanding/grinding HSS tools

Diameter x thickness x bore mm	Grit and hardness	Suitable for	Order no.
150 x 20 x 20	80 J	Ds W 3150	630638000
150 x 50 x 13	80 I	Ds 7203	630779000

Silicone carbide grinding wheels



- Suitable for fine ground finish on hard metals and carbide-coated tools, grey cast iron, copper, aluminium, glass, ceramic

Diameter x thickness x bore mm	Grit and hardness	Suitable for	Order no.
120 x 20 x 20	80 J	DS 125	629102000
150 x 20 x 20	80 J	DS 150, Ds W 3150	629103000
175 x 25 x 20	80 J	DS 175 W / DS 175 D, TNS 175	629095000
175 x 25 x 32	80 J	DS 175, BS 175, TNS 175	629104000
200 x 25 x 20	80 J	DS 200/25 W / DS 200/25 D, TNS 175	629096000
200 x 25 x 32	80 J	DS 200, DSD 200, Ds W 9200 / Ds D 9201	629105000
250 x 40 x 51	80 J	DSD 250, Ds D 9250	629106000

Wet grinding wheels



- Suitable for fine grinding of unhardened steels, for example knives, bevelled-edge chisels, turning chisels, splitting tools, shears.

Diameter x thickness x bore mm	Grit and hardness	Suitable for	Order no.
150 x 30 x 20	220 K	TNS 150 W	629097000
200 x 40 x 20	220 K	TNS 175	629098000

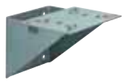
Sanding Belts



- High-quality sanding paper (aluminium oxide) with dense distribution, high removal of material and long durability. Universal use: For grinding and deburring metals, non-alloyed and low-alloyed steels, cast iron, aluminium alloys, brass, bronze, hard metal coatings, rubber, plastics etc.
- Recommended circumferential speed: 25-35 m/s

Dimensions mm	Grit	Sales unit	Order no.
50 x 650	P 60	3	629060000*
50 x 650	P 100	3	629061000*
50 x 650	P 150	3	629062000*
50 x 1,020	P 60	3	629063000*
50 x 1,020	P 80	3	629064000*
50 x 1,020	P 100	3	629065000*
50 x 1,020	P 120	3	629066000*
50 x 1,020	P 180	3	629067000*
50 x 1,020	P 240	3	629068000*
50 x 1,020	P 400	3	629069000*

Further Accessories for Bench Grinders

		Order no.
	**Dressing stick** Dressing stick made of silicone carbide. For dressing grinding wheels; blunt grinding abrasives are removed.	629099000
	**Stands** Suitable for all Metabo bench grinders (from YOM 2005). With pull out container for cooling water or handy tool storage. A double vertical slit for storage of grinding wheels, tools etc. Height 835 mm, dimension of plate: 200 x 280 mm; Ø-Base plate: 340 mm	623867000
	**Wall panel** Suitable for all Metabo bench grinders up to disc -Ø 200 mm (built after 2005), except BS 175, DS 250 D. Dimensions: 280 mm x 90 mm x 204 mm	623862000

* Self-service packaging

M+ System: Machine and accessories perfectly synchronised for maximum performance.

Even during the development phase at Metabo, machines and accessories are optimally adjusted and tested to complement one another. Your added benefit: Maximum performance for screwdriving, drilling, chiselling or stirring thanks to Metabo + System effect.







05







Drilling
Chiselling
Screwdriving
Stirring

Drills

Which drill for which application?

														
Comparative technical values	**BE 6**	**BE 10**	**BE 500/6**	**BE 500/10**	**BE 600/13-2**	**BE 650**		**BE 75-16**	**BE 75 Quick***	**BE 850-2**	**BEV 1300-2**	**BDE 1100**	**B 32/3**	**WBE 700**	**MAG 32**	**MAG 50**	**B 32/3 + M 100****
Rated input power	450 Watt	450 Watt	500 Watt	500 Watt	600 Watt	650 Watt		750 Watt	750 Watt	850 Watt	1,300 Watt	1,100 Watt	1,800 Watt	700 Watt	1,000 Watt	1,200 Watt	1,800 Watt
Drill Ø in steel	6 mm	10 mm	6 mm	10 mm	13 / 8 mm	13 mm		16 mm	16 mm	13 / 8 mm	16 / 10 mm	16 / 10 mm	32 mm	10 mm	32 mm	50 mm	100 mm
Drill Ø in soft wood	12 mm	20 mm	20 mm	30 mm	37 / 27 mm	30 mm		50 mm	50 mm	40 / 25 mm	40 / 25 mm	40 / 25 mm	70 mm	25 mm			
No-load speed	0-4,000 /min	0-2,400 /min	0-4,500 /min	0-1,600 /min	0-750 / 0-2,500 /min	0-2,800 /min		0-660 /min	0-660 /min	0-1,100/ 0-3,100 /min	0-1,100/ 0-3,100 /min	0-640 / 0-1,200 /min	0-170 / 0-320 / 0-470 /min	850-2,600 /min	700 /min	100-250 / 200-450 /min	0-170 / 0-320 / 0-470 /min
Chuck capacity	0-10 mm	0-10 mm	0-10 mm	1-13 mm	1-13 mm	1.5-13 mm		1.5-13 mm	1.5-13 mm	1.5-13 mm	1.5-13 mm	3-16 mm	-	1-10 mm	depending on drill chuck	depending on drill chuck	depending on drill chuck
Weight (without mains cable)	1.3 kg	1.3 kg	1.5 kg	1.8 kg	1.9 kg	1.8 kg		2.6 kg	2.6 kg	2.6 kg	2.7 kg	4.3 kg	7.8 kg	2.0 kg	11.9 kg	12.7 kg	29.5 kg
Bit retainer	1/2" - 20 UNF	1/2" - 20 UNF	1/2" - 20 UNF	1/2" - 20 UNF	1/2" - 20 UNF	1/2 " - 20 UNF		1/2" - 20 UNF	-	1/2 " - 20 UNF	1/2 " - 20 UNF	5/8" - 16 UN	MK 3	1/2" - 20 UNF	Weldon	MK 2 + Weldon	MK 3
Maximum torque soft	7 Nm	10 Nm	8 Nm	16 Nm	31 / 9 Nm	9 Nm		75 Nm	75 Nm	36 / 14 Nm	44 / 16 mm	55 / 22 Nm	190 / 120 / 90 Nm	8 Nm			
Application																	
Small drill Ø wood	■■	■■■	■■■	■■■	■■■	■■■		■■	■■	■■■	■■■	■		■■			
Large drill Ø wood				■	■■			■■■	■■■	■■	■■	■■	■■■				
Small drill Ø metal	■■■	■■	■■■	■■■	■■■	■■■		■	■	■■■	■■■	■		■■	■■	■	■
Large drill Ø metal					■■			■■	■■	■	■■	■■	■■■		■■■	■■■	■■■
Light screwing applications		■		■■	■■■	■		■■■	■■■	■■	■■	■■	■■				
Heavy screwing applications								■■	■■	■	■■	■■	■■■				
Equipment																	
Metabo S-automatic safety clutch								●	●	●	●	●	●				●
Vario-Tacho-Constamatic (VTC)											●					●	
Vario-Constamatic (VC)														●			
Overload protection											●						
Restart protection											●				●	●	
Metabo Marathon-motor										●	●				●	●	
Metabo »Quick« tool quick change																	

* also available with torque setting adapter PowerX3: triples the power of the machine for extreme applications
** combination of drill B 32/3 and electromagnetic drill stand M 100, can be ordered only individually

Application: ■ suitable ■■ very suitable ■■■ optimum **Equipment:** ● present





Technical data	Drill BE 6	Drill BE 10	Drill BE 650
Rated input power	450 W	450 W	650 W
Output power	240 W	240 W	320 W
Drill Ø steel	6 mm	10 mm	13 mm
Drill-Ø soft wood	12 mm	20 mm	30 mm
No-load speed	0 - 4,000 /min	0 - 2,400 /min	0 - 2,800 /min
Revolutions at rated load	2,200 /min	1,500 /min	1,500 /min
Gears	1	1	1
Maximum torque	7 Nm	10 Nm	9 Nm
Collar diameter	–	–	43 mm
Chuck capacity	1 - 10 mm	1 - 10 mm	1.5 - 13 mm
Drill spindle with hexagonal recess	–	–	1/4" (6.35 mm)
Drill spindle thread	1/2 " - 20 UNF	1/2 " - 20 UNF	1/2 " - 20 UNF
Weight (without mains cable)	1.3 kg	1.3 kg	1.8 kg
Cable length	2.5 m	2.5 m	2.5 m

Scope of delivery

Order no.	600132	600133	600360
Geared chucks	■	■	■
Chuck keys	■	■	■

Product advantages

- ■ Small, handy bench machine
- ■ Small, handy bench machine
- ■ Thumbwheel for speed preselection
- ■ Spindle with hexagonal recess for screwdriver bits for working without chuck

- ■ Variospeed (V) Electronics for working at customised speeds to suit various application materials
- ■ Forward and reverse rotation
- ■ Handle with non-slip soft-grip surface

System components

Accessories → 245





Technical data	Drill BE 500/6	Drill BE 500/10	Drill BE 600/13-2
Rated input power	500 W	500 W	600 W
Output power	250 W	250 W	290 W
Drill Ø steel	6 mm	10 mm	13 mm/8 mm
Drill-Ø soft wood	20 mm	30 mm	37 mm/27 mm
No-load speed	0 - 4,500 /min	0 - 1,600 /min	0 - 750 / 0 - 2,500 /min
Revolutions at rated load	2,600 /min	1,000 /min	450/1,500 /min
Gears	1	1	2
Maximum torque	8 Nm	16 Nm	31 Nm/9 Nm
Collar diameter	43 mm	43 mm	43 mm
Chuck capacity	1 - 10 mm	1 - 13 mm	1 - 13 mm
Drill spindle with hexagonal recess	1/4" (6.35 mm)	1/4" (6.35 mm)	1/4" (6.35 mm)
Drill spindle thread	1/2 " - 20 UNF	1/2 " - 20 UNF	1/2 " - 20 UNF
Weight (without mains cable)	1.5 kg	1.8 kg	1.9 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	600343	600353[1]	600383
Futuro Top keyless chuck	■	■	■
Side handle	■	■	■
Open-jawed spanner	■	■	■

Product advantages

- ■ Optimal speed range for precise drilling into steel up to Ø 6 mm
- ■ Optimal speed range for precise drilling into steel up to Ø 10 mm
- ■ Two-speed gearbox with wide speed range for verstatile drilling work up to Ø 13 mm in steel
- ■ Thumbwheel for speed preselection

- ■ Handy drill especially for demanding metal processing
- ■ Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- ■ Particularly compact design with small dimension across corners
- ■ Variospeed (V) Electronics for working at customised speeds to suit various application materials
- ■ Forward and reverse rotation
- ■ Keyless chuck and spindle stop for convenient one-handed tool change
- ■ Futuro top keyless chuck: automatic retightening when drilling for precise drilling results
- ■ Handle with non-slip soft-grip surface

System components

Accessories → 245







Technical data	Drill BE 75-16	Drill BE 75 Quick	Drill BE 75-X3 Quick
Rated input power	750 W	750 W	750 W
Output power	470 W	470 W	470 W
Drill Ø steel	16 mm	16 mm	16 mm
Drill-Ø soft wood	50 mm	50 mm	50 mm
No-load speed	0 - 660 /min	0 - 660 /min	0 - 660 /min
Revolutions at rated load	350 /min	350 /min	350 /min
Gears	1	1	1
Maximum torque	75 Nm	75 Nm	75 Nm
Collar diameter	43 mm	43 mm	43 mm
Chuck capacity	1.5 - 13 mm	1.5 - 13 mm	1.5 - 13 mm
Drill spindle with hexagonal recess	1/4" (6.35 mm)	1/4" (6.35 mm)	1/4" (6.35 mm)
Drill spindle thread	1/2 " - 20 UNF	–	–
Weight (without mains cable)	2.6 kg	2.6 kg	2.6 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	600580 [1) 2)]	600585700	600585800
PowerX 3 torque setting adapter with long side handle			■
Geared chucks	■		
Geared quick change drill chuck		■	■
Quick-change bit holder		■	■
Quick-change angle adapter		■	■
Chuck keys	■	■	■
Long side handle	■	■	■
MetaLoc case		■	■

Equipment variants can be found in the Metabo price list and on the internet

[1)] also available in 120 V (North/Latin America)

[2)] also available in 110 V (UK)

Product advantages

- Suitable for powerful drilling of larger diameters and for stirring thick, liquid-like materials

- The torque setting adapter PowerX3 triples the power of the tool for extreme applications

- Suitable for drilling with large diameters and for heavy screw jointing in wood without pre-drilling
- Metabo Quick System: quick change of bit retainer and bits, for flexible working
- Forward and reverse rotation

- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Rotating carbon brush bridge for maximum performance even in anti-clockwise operation, e.g. for the removal of stubborn screws
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly
- Spindle with hexagonal recess for screwdriver bits for working without chuck

System components

Accessories → 245, 250

Quick-System → 18





Technical data	Drill BE 850-2	Drill BEV 1300-2
Rated input power	850 W	1,300 W
Output power	490 W	730 W
Drill Ø steel	13 mm/8 mm	16 mm/10 mm
Drill-Ø soft wood	40 mm/25 mm	40 mm/25 mm
No-load speed	0 - 1,100 / 0 - 3,100 /min	0 - 1,100 / 0 - 3,100 /min
Revolutions at rated load	640/1,800 /min	1,100/3,100 /min
Gears	2	2
Maximum torque	36 Nm/14 Nm	44 Nm/16 Nm
Collar diameter	43 mm	43 mm
Chuck capacity	1.5 - 13 mm	1.5 - 13 mm
Drill spindle with hexagonal recess	1/4" (6.35 mm)	1/4" (6.35 mm)
Drill spindle thread	1/2 " - 20 UNF	1/2 " - 20 UNF
Weight (without mains cable)	2.6 kg	2.7 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600573 [1)]	600574 [1)]
Geared chucks	■	■
Chuck keys	■	■
Side handle	■	■

[1)] also available in 120 V (North/Latin America)

Product advantages

- Variospeed (V) Electronics for working at customised speeds to suit various application materials

- Selectable "impuls" mode for removal of stubborn screws and for spot-drilling on smooth surfaces
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for work with materials requiring customised speeds, which remain constant under load
- Overload protection: protects the motor from overheating
- Restart protection: prevents unintentional start-up after power supply interruption
- Wear Indication for Carbon Brush

- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Rotating carbon brush bridge for maximum performance even in anti-clockwise operation, e.g. for the removal of stubborn screws
- Thumbwheel for speed preselection
- Two-speed gearbox
- Metabo Marathon-motor with patented dust protection for long service life
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly
- Forward and reverse rotation
- Spindle with hexagonal recess for screwdriver bits for working without chuck
- Handle with non-slip soft-grip surface
- Cable-protecting ball joint for optimal freedom of motion when working

System components

Accessories → 245



Technical data	Drill BDE 1100
Rated input power	1,100 W
Output power	620 W
Drill diameter in	
- Steel	16 mm/10 mm
- Soft wood	40 mm/25 mm
No-load speed	0 - 640 / 0 - 1,200 /min
Revolutions at rated load	430/800 /min
Maximum torque - soft	55 Nm/22 Nm
Collar diameter	43 mm
Chuck capacity	3 - 16 mm
Drill spindle thread	5/8 " - 16 UN
Weight (without mains cable)	4.3 kg
Cable length	3 m

Scope of delivery

Order no.	600806 [2]
Geared chucks	■
Chuck keys	■
Long side handle	■
Drilling depth guide	■

[2] also available in 110 V (UK)

Product advantages

- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Two-speed gearbox
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly
- Forward and reverse rotation
- Suitable for powerful drilling of larger diameters and for stirring thick, liquid-like materials
- Comfortable operation and safety through auxiliary handle



Technical data	Angle Drill WBE 700
Rated input power	700 W
Output power	305 W
Drill diameter in	
- Steel	10 mm
- Soft wood	25 mm
No-load speed	850 - 2,600 /min
Revolutions at rated load	2,300 /min
Maximum torque - soft	8 Nm
Chuck capacity	1 - 10 mm
Drill spindle thread	1/2 " - 20 UNF
Weight (without mains cable)	2 kg
Cable length	4 m

Scope of delivery

Order no.	600512
Geared chucks	■
Chuck keys	■
Side handle	■

Product advantages

- Powerful angle drill for drilling in difficult to access areas
- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Vario Constamatic (VC) Electronics for work with materials requiring customised speeds, which remain almost constant under load
- Thumbwheel for speed preselection

System components

Accessories → 245



Technical data	Drill B 32/3
Rated input power	1,800 W
Output power	1,200 W
Drill Ø steel	32 mm
Drill-Ø soft wood	70 mm
No-load speed	0 - 170 / 0 - 320 / 0 - 470 /min
Revolutions at rated load	110/190/280 /min
Gears	3
Maximum torque	190 Nm/120 Nm/90 Nm
Collar diameter	65 mm
Drill spindle with inside taper	MK 3
Weight (without mains cable)	7.8 kg
Cable length	5 m

Scope of delivery

Order no.	600323
Drift key	■
Long side handle	■

Product advantages

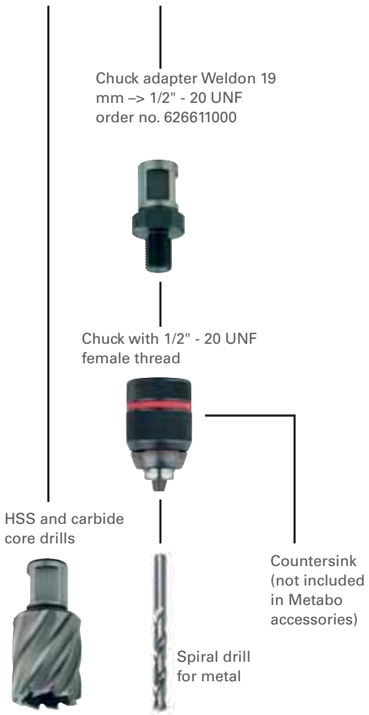
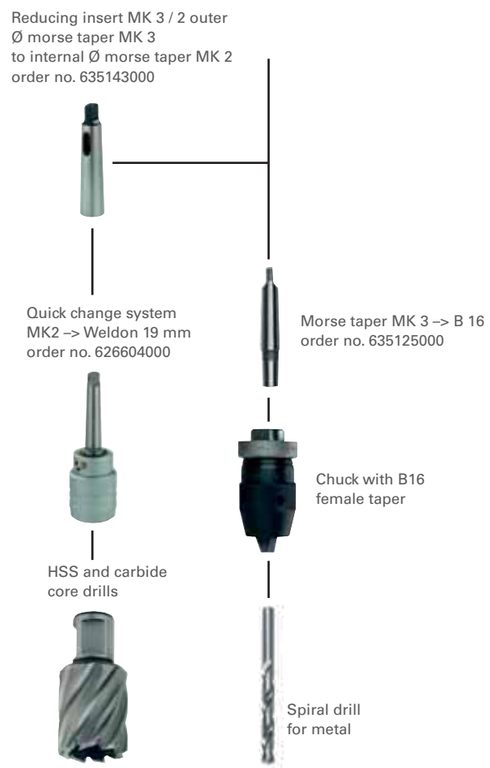
- Powerful three-speed drill with extra high torque
- Robust mechanical gearbox with oil bath lubrication
- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly
- For easy drilling of larger diameters and driving in of very long screws

System components

Accessories → 249, 273

Magnetic Core Drills

Which magnetic core drill for which application?

				 + 	
Bit retainer	MAG 32		MAG 50	B 32/3	M100
Weldon direct chuck 19 mm (3/4") with automatic internal cooling	•		•		
MK 2 chuck			•		
MK 3 chuck				•	
Application					
Drilling with core drills	■■■		■■■		■■■
Drilling with spiral drills	■■■		■■■		■■■
Working with countersinks	■		■■■		■
Threaded drill	–		■■■		–
					

Application: ■ suitable ■■ very suitable ■■■ optimum **Equipment:** • present ○ optional





MARATHON MOTOR | RESTART PROTECTION

MARATHON MOTOR | VARIO TACHO CONSTAMATIC | STOP | RESTART PROTECTION

Technical data	Magnetic Core Drill MAG 32	Magnetic Core Drill MAG 50
Rated input power	1,000 W	1,200 W
Output power	520 W	620 W
Max. drill-Ø with core drill	32 mm	50 mm
Max. drill-Ø with spiral drill	13 mm	20 mm
Maximum drilling depth	50 mm	50 mm
Thread cutting	–	M 16
No-load speeds	700 /min	100 - 250 / 200 - 450 /min
Revolutions at rated load	450 /min	250/450 /min
Bit retainer	Weldon shaft 19 mm (3/4")	Morse taper MK 2, Weldon shaft 19 mm (3/4")
Weight	11.9 kg	12.7 kg
Cable length	5 m	5 m
Torque	50 Nm	90 Nm/50 Nm
Max. depth of feed	160 mm	160 mm
Max. magnetic holding force	12,250 N	12,250 N
Dimensions of the magnet base	90 x 189 mm	90 x 190 mm
Height carriage lowest position	343 mm	457 mm
Height carriage topmost position	490 mm	610 mm

Scope of delivery

Order no.	600635 [1]	600636 [1]
Industrial holder for Weldon shank 19 mm		■
Ejector pins 75 and 100 mm		■
Ejector pin 75 mm	■	
MK 2 drift key		■
Safety strap	■	■
Allen key	■	■
Swarf protection guard	■	■
Transport case	■	■

[1] also available in 120 V (North/Latin America)

Product advantages

- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for work with materials requiring customised speeds, which remain constant under load
- Clockwise/anti-clockwise rotation with thread cutter
- Durable two-speed gearbox with oil bath lubrication for ideal speeds
- Overload protection
- Magnetic base with high holding power permits working on vertical surfaces and overhead
- Robust Metabo Marathon-motor with internal wiring for long service life
- Integrated coolant container for easy to dose internal cooling of the core drill
- Bright LED light for easy alignment in poor light conditions
- Swarf protection guard can be fixed without tools and protects the user from metal shavings and tool contact
- Protective circuit starts motor only if the magnet is activated
- Restart protection: prevents unintentional start-up after power supply interruption
- Lockable slide for comfortable tool change

System components

Accessories → 235

HSS core drills, short



- With Weldon shank 19 mm (3/4")
- Insert only with suitable centering pin
- Suitable for steel, cast steel, coloured and light metals

Diameter mm	Overall length mm	Working length mm	Order no.
12	64	30	626500000*
13	64	30	626501000*
14	64	30	626502000*
15	64	30	626503000*
16	64	30	626504000*
17	64	30	626505000*
18	64	30	626506000*
19	64	30	626507000*
20	64	30	626508000*
21	64	30	626509000*
22	64	30	626510000*
23	64	30	626511000*
24	64	30	626512000*
25	64	30	626513000*
26	64	30	626514000*
27	64	30	626515000*
28	64	30	626516000*
29	64	30	626517000*
30	64	30	626518000*
31	64	30	626519000*
32	64	30	626520000*

HSS core drills, long



- With Weldon shank 19 mm (3/4")
- Insert only with suitable centering pin
- Suitable for steel, cast steel, coloured and light metals

Diameter mm	Overall length mm	Working length mm	Order no.
12	90	55	626521000*
13	90	55	626522000*
14	90	55	626523000*
15	90	55	626524000*
16	90	55	626525000*
17	90	55	626526000*
18	90	55	626527000*
19	90	55	626528000*
20	90	55	626529000*
21	90	55	626530000*
22	90	55	626531000*
23	90	55	626532000*
24	90	55	626533000*
25	90	55	626534000*
26	90	55	626535000*
27	90	55	626536000*
28	90	55	626537000*
29	90	55	626538000*
30	90	55	626539000*
31	90	55	626540000*
32	90	55	626541000*

*Self-service packaging

Carbide core drills



- Core drill Ø 14 - 60 mm with Weldon shank 19 mm (3/4")
- Core drill as of Ø 70 mm with Weldon shank 32 mm (1 1/4")
- Insert only with suitable centering pin
- Also suitable for higher alloyed steels

Diameter mm	Overall length mm	Working length mm	Order no.
14	90	55	626571000*
15	90	55	626572000*
16	90	55	626573000*
17	90	55	626574000*
18	90	55	626575000*
19	90	55	626576000*
20	90	55	626577000*
21	90	55	626578000*
22	90	55	626579000*
23	90	55	626580000*
24	90	55	626581000*
25	90	55	626582000*
26	90	55	626583000*
27	90	55	626584000*
28	90	55	626585000*
29	90	55	626586000*
30	90	55	626587000*
31	90	55	626588000*
32	90	55	626589000*
33	90	55	626590000*
34	90	55	626591000*
35	90	55	626592000*
36	90	55	626593000*
37	90	55	626594000*
38	90	55	626595000*
39	90	55	626596000*
40	90	55	626597000*
45	90	55	626598000*
50	90	55	626599000*
60	90	55	626614000
70	90	55	626616000
80	90	55	626618000
90	90	55	626620000
100	90	55	626622000

Core drill bit assortments

		Order no.
	**HSS core drill set 3 pieces** ■ Suitable for steel, cast steel, coloured and light metals Core bits Ø 14/18/22 mm 30 mm working length, Weldon shank 19 mm (3/4") including centering pin	626623000
	**HSS core drill set 6 pieces** ■ Suitable for steel, cast steel, coloured and light metals Core drill bits Ø 14/16/18/20/22/26 mm 30 mm working length, Weldon shank 19 mm (3/4") including centering pin	626624000

Centering pins

		Order no.
	**Centering pin for HSS short** For HSS core drill bits with a 30 mm working length Diameter: 6.35 mm Overall length: 75 mm	626608000*
	**Centering pin for HSS long and carbide** For HSS core drill bits with a 55 mm working length For carbide core drill bits up to Ø 60 mm Diameter: 6.35 mm Overall length: 100 mm	626609000*
	Centering pin for carbide For carbide core drill bits Ø 70 - 100 mm Diameter: 8 mm Overall length: 120 mm	626610000*

Industrial holders

		Order no.
	**Industrial holder MK2** With automatic interior cooling For the MAG 50 For the B 32/3 only in conjunction with the reducing sleeve MK 3 / MK 2 (635143000) Drill spindle holder: Morse arbor MK 2 Tool holder: Weldon shaft 19 mm (3/4")	626602000
	**Industrial holder MK3** With manual interior cooling For the B 32/3 and carbide core drill Ø 70-100 mm Drill spindle holder: Morse arbor MK 3 Tool holder: Weldon shaft 32 mm (1 1/4")	626603000
	**Quick Change System** Simple and fast change of core drill without additional tools With automatic interior cooling For the MAG 50 For the B 32/3 only in conjunction with the reducing sleeve MK 3 / MK 2 (635143000) Drill spindle holder: Morse arbor MK 2 Tool holder: Weldon shaft 19 mm (3/4")	626604000

Adapters

		Order no.
	**Adapter for Weldon to Fine Quick IN** Incl. centering pin (overall length: 120 mm; Ø 6.35 mm) Drill spindle holder: Weldon shaft 19 mm (3/4") Tool holder: Fine QuickIN	626600000
	**Chuck adapter** Weldon 19 mm (3/4") to 1/2" - 20 UNF Drill spindle holder: Weldon shaft 19 mm (3/4") Tool holder: 1/2" - 20 UNF	626611000*

Cooling lubricants

		Order no.
	**Universal cutting paste** ■ Increase of durability with tools, for example, core drills, metal drill bits, BiM hole saws, router bits or saw blades ■ Greater cutting speeds thanks to optimum cooling properties ■ Core drilling: use of cutting paste with overhead work, in horizontal position of MAG or when using the B 32/3 without automatic interior cooling	626605000*
	**Universal cutting spray** ■ Extended service life for tools like e.g. core drill ■ Greater cutting speeds thanks to optimum cooling properties ■ Core drilling: use of cutting spray with overhead work, in horizontal position of MAG or when using the B 32/3 without automatic interior cooling	626606000

*Self-service packaging

Impact drills from Metabo: Quality and experience for over 60 years.

Since the large-scale production of the first impact drill, which, in 1957, cost a month's wage, we have continuously been setting new standards when it comes to drilling and impact drilling. Our high quality standards guarantee optimal work results and precisely drilled holes. Whether in wood, metal, masonry or concrete - each material has different demands for drill speed, torque, speed and accessories. We offer you the right impact drill including accessories for any challenge.

Robust die-cast aluminium gear housing
for optimal heat dissipation and long service life

S-AUTOMATIC MECHANICAL SAFETY CLUTCH

Metabo S-automatic safety clutch
mechanical decoupling of the drive when the tool stops unexpectedly for safe working

Keyless chuck and spindle-stop gear
for comfortable, single-handed tool change



MARATHON MOTOR

Metabo Marathon-motor
with dust protection for long service life

VARIO TACHO CONSTAMATIC

Vario Tacho Constamatic (VTC) Full-wave Electronics
for working at customised speeds, which remain constant under load, to suit various application materials

IMPULS

Selectable »Impuls« mode
for the removal of tight-fitting screws and spot-drilling on smooth surfaces

STOP

RESTART PROTECTION

Overload protection and restart protection
to protect the user and machine

SBEV 1300-2 S



When impact drilling in masonry, the VTC constant electronics, the high impact rate and consistent power delivery ensures excellent drilling progress even under the highest load



The high torque and constant speeds develop plenty of power and endurance when drilling into wood, even for large diameters.



The highly accurate keyless chuck and adjustable speeds to suit any material guarantee best work results even in metal.

Which impact drill for which application?

		Impact drilling in masonry max. Ø	Drilling in metal / wood max. Ø	Output	Safety clutch	Marathon motor	Constant electronics	Restart protection	Overload protection	Impuls function	Speed selection	Spindle stop
1-speed Impact Drills												
	**SB 650 / SBE 650 / SBE 650 Impuls**	16 mm	13/30 mm	650 W						– / – / ●	– / ● / ●	
2-speed Impact Drills												
	**SB 760 / SBE 760**	18 mm	13/40 mm	760 W	●						– / ●	
	**SBE 780-2**	20 mm	13/40 mm	780 W	●	●					●	
	**SB 850-2**	20 mm	13/40 mm	850 W	●	●						
	**SBE 850-2 / SBE 850-2 S**	20 mm	13/40 mm	850 W	●	●					●	– / ●
	**SBEV 1000-2**	22 mm	16/40 mm	1,010 W	●	●	●	●			●	
	**SBEV 1100-2 S**	24 mm	16/40 mm	1,100 W	●	●	●	●	●	●	●	●
	**SBEV 1300-2 / SBEV 1300-2 S**	24 mm	16/40 mm	1,300 W	●	●	●	●	●	●	●	– / ●

ideal range

possible range

For even larger diameters when drilling in hard materials we recommend to use a Metabo drill, combination or multi hammer.

Equipment: ● present







Technical data	Impact Drill SB 650	Impact Drill SBE 650	Impact Drill SBE 650 Impuls
Rated input power	650 W	650 W	650 W
Output power	320 W	320 W	320 W
Maximum torque	9 Nm	9 Nm	9 Nm
Drill-Ø masonry	16 mm	16 mm	16 mm
Drill-Ø concrete	14 mm	14 mm	14 mm
Drill Ø steel	13 mm	13 mm	13 mm
Drill-Ø soft wood	30 mm	30 mm	30 mm
No-load speed	2,800 /min	0 - 2,800 /min	0 - 2,800 /min
Revolutions at rated load	1,500 /min	1,500 /min	1,500 /min
Maximum impact rate	44,800 /min	44,800 /min	44,800 /min
Gears	1	1	1
Chuck capacity	1.5 - 13 mm	1.5 - 13 mm	1.5 - 13 mm
Collar diameter	43 mm	43 mm	43 mm
Drill spindle with hexagonal recess	1/4" (6.35 mm)	1/4" (6.35 mm)	1/4" (6.35 mm)
Drill spindle thread	1/2 " - 20 UNF	1/2 " - 20 UNF	1/2 " - 20 UNF
Weight (without mains cable)	1.8 kg	1.8 kg	1.8 kg
Cable length	2.5 m	2.5 m	2.5 m

Scope of delivery

Order no.	600670	600671 [1) 2)]	600672
Geared chucks	■		
Chuck keys	■		
Futuro Plus keyless chuck		■	■
Side handle	■	■	■
Drilling depth guide	■	■	■
Plastic carry case		■	■

[1)] also available in 120 V (North/Latin America)
[2)] also available in 110 V (UK)

Product advantages

- Selectable "impuls" mode for removal of stubborn screws and for spot-drilling on smooth surfaces
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Thumbwheel for speed preselection
- Forward and reverse rotation
- Spindle with hexagonal recess for screwdriver bits for working without chuck

System components

Accessories → 245







Technical data	Impact Drill SB 760	Impact Drill SBE 760	Impact Drill SBE 780-2
Rated input power	760 W	760 W	780 W
Output power	370 W	370 W	470 W
Maximum torque	24 Nm/9 Nm	24 Nm/9 Nm	32 Nm/13 Nm
Drill-Ø masonry	18 mm	18 mm	20 mm
Drill-Ø concrete	16 mm	16 mm	18 mm
Drill Ø steel	13 mm/8 mm	13 mm/8 mm	13 mm/8 mm
Drill-Ø soft wood	40 mm/25 mm	40 mm/25 mm	40 mm/25 mm
No-load speed	1,200/3,200 /min	0 - 1,200 / 0 - 3,200 /min	0 - 1,100 / 0 - 3,100 /min
Revolutions at rated load	800/2,300 /min	800/2,300 /min	680/1,900 /min
Maximum impact rate	58,000 /min	58,000 /min	58,900 /min
Gears	2	2	2
Chuck capacity	1.5 - 13 mm	1.5 - 13 mm	1.5 - 13
Collar diameter	43 mm	43 mm	43 mm
Drill spindle with hexagonal recess	1/4" (6.35 mm)	1/4" (6.35 mm)	1/4" (6.35 mm)
Drill spindle thread	1/2 " - 20 UNF	1/2 " - 20 UNF	1/2 " - 20 UNF
Weight (without mains cable)	2.3 kg	2.3 kg	2.6 kg
Cable length	2.5 m	2.5 m	4 m

Scope of delivery

Order no.	600840	600841 [1) 2)]	600781 [1)]
Geared chucks	■		
Chuck keys	■		
Futuro Plus keyless chuck		■	■
Side handle	■	■	
Rubber-coated side handle			■
Drilling depth guide	■	■	■
Plastic carry case		■	

[1)] also available in 120 V (North/Latin America)
[2)] also available in 110 V (UK)

Product advantages

- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Rotating carbon brush bridge for maximum performance even in anti-clockwise operation, e.g. for the removal of stubborn screws
- Metabo Marathon-motor with dust protection for long service life
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Thumbwheel for speed preselection
- Forward and reverse rotation
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the tool stop unexpectedly

System components

Accessories → 245



MARATHON MOTOR | S-AUTOMATIC MECHANICAL SAFETY CLUTCH



MARATHON MOTOR | S-AUTOMATIC MECHANICAL SAFETY CLUTCH



MARATHON MOTOR | S-AUTOMATIC MECHANICAL SAFETY CLUTCH

Technical data	Impact Drill SB 850-2	Impact Drill SBE 850-2	Impact Drill SBE 850-2 S
Rated input power	850 W	850 W	850 W
Output power	490 W	490 W	490 W
Maximum torque	36 Nm/14 Nm	36 Nm/14 Nm	36 Nm/14 Nm
Drill-Ø masonry	20 mm	20 mm	20 mm
Drill-Ø concrete	18 mm	18 mm	18 mm
Drill Ø steel	13 mm/8 mm	13 mm/8 mm	13 mm/8 mm
Drill-Ø soft wood	40 mm/25 mm	40 mm/25 mm	40 mm/25 mm
No-load speed	1100 / 3100 /min	0 - 1,100 / 0 - 3,100 /min	0 - 1,100 / 0 - 3,100 /min
Revolutions at rated load	640/1,800 /min	640/1,800 /min	640/1,800 /min
Maximum impact rate	58,900 /min	58,900 /min	58,900 /min
Gears	2	2	2
Chuck capacity	1.5 - 13 mm	1.5 - 13 mm	1.5 - 13 mm
Collar diameter	43 mm	43 mm	43 mm
Drill spindle with hexagonal recess	1/4" (6.35 mm)	1/4" (6.35 mm)	1/4" (6.35 mm)
Drill spindle thread	1/2 " - 20 UNF	1/2 " - 20 UNF	1/2 " - 20 UNF
Weight (without mains cable)	2.6 kg	2.6 kg	2.6 kg
Cable length	4 m	4 m	4 m
Scope of delivery			
Order no.	**600780**	**600782** [1) 2)]	**600787**
Geared chucks	■		
Chuck keys	■		
Futuro Plus keyless chuck		■	■
Rubber-coated side handle	■	■	■
Drilling depth guide	■	■	■
Plastic carry case		■	■

[1)] also available in 120 V (North/Latin America)
[2)] also available in 110 V (UK)

Product advantages

- Keyless chuck and spindle stop gear for convenient one-handed tool change

- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Thumbwheel for speed preselection

- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Rotating carbon brush bridge for maximum performance even in anti-clockwise operation, e.g. for the removal of stubborn screws
- Metabo Marathon-motor with dust protection for long service life
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the tool stop unexpectedly
- Spindle with hexagonal recess for screwdriver bits for working without chuck

System components

Accessories → 245



MARATHON MOTOR | S-AUTOMATIC MECHANICAL SAFETY CLUTCH | VARIO TACHO CONSTAMATIC | RESTART PROTECTION



MARATHON MOTOR | S-AUTOMATIC MECHANICAL SAFETY CLUTCH | IMPULS | VARIO TACHO CONSTAMATIC | RESTART PROTECTION

Technical data	Impact Drill SBEV 1000-2	Impact Drill SBEV 1100-2 S
Rated input power	1,010 W	1,100 W
Output power	540 W	580 W
Maximum torque	40 Nm/14 Nm	42 Nm/15 Nm
Drill-Ø masonry	22 mm	24 mm
Drill-Ø concrete	20 mm	22 mm
Drill Ø steel	16 mm/10 mm	16 mm/10 mm
Drill-Ø soft wood	40 mm/25 mm	40 mm/25 mm
No-load speed	0 - 1,000 / 0 - 2,800 /min	0 - 1,100 / 0 - 3,100 /min
Revolutions at rated load	1,000/2,800 /min	1,100/3,100 /min
Maximum impact rate	53,200 /min	58,900 /min
Gears	2	2
Chuck capacity	1.5 - 13 mm	1.5 - 13 mm
Collar diameter	43 mm	43 mm
Drill spindle with hexagonal recess	1/4" (6.35 mm)	1/4" (6.35 mm)
Drill spindle thread	1/2 " - 20 UNF	1/2 " - 20 UNF
Chuck clamping type	Geared chucks	Keyless chuck
Weight (without mains cable)	2.7 kg	2.8 kg
Cable length	4 m	4 m
Scope of delivery		
Order no.	**600783** [1)]	**600784** [2)]
Geared chucks	■	
Chuck keys	■	
Futuro Plus keyless chuck		■
Rubber-coated side handle	■	■
Drilling depth guide	■	■
Plastic carry case		■

[1)] also available in 120 V (North/Latin America)
[2)] also available in 110 V (UK)

Product advantages

- Selectable "impuls" mode for removal of stubborn screws and for spot-drilling on smooth surfaces
- Keyless chuck and spindle stop gear for convenient one-handed tool change
- Overload protection: protects the motor from overheating
- Wear Indication for Carbon Brush

- Restart protection: prevents unintentional start-up after power supply interruption
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for work with materials requiring customised speeds, which remain constant under load
- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Rotating carbon brush bridge for maximum performance even in anti-clockwise operation, e.g. for the removal of stubborn screws
- Metabo Marathon-motor with dust protection for long service life
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the tool stop unexpectedly

System components

Accessories → 245





Technical data	Impact Drill SBEV 1300-2	Impact Drill SBEV 1300-2 S
Rated input power	1,300 W	1,300 W
Output power	730 W	730 W
Maximum torque	44 Nm/16 Nm	44 Nm/16 Nm
Drill-Ø masonry	24 mm	24 mm
Drill-Ø concrete	22 mm	22 mm
Drill Ø steel	16 mm/10 mm	16 mm/10 mm
Drill-Ø soft wood	40 mm/25 mm	40 mm/25 mm
No-load speed	0 - 1,100 / 0 - 3,100 /min	0 - 1,100 / 0 - 3,100 /min
Revolutions at rated load	1,100/3,100 /min	1,100/3,100 /min
Maximum impact rate	58,900 /min	58,900 /min
Gears	2	2
Chuck capacity	1.5 - 13 mm	1.5 - 13 mm
Collar diameter	43 mm	43 mm
Drill spindle with hexagonal recess	1/4" (6.35 mm)	1/4" (6.35 mm)
Drill spindle thread	1/2 " - 20 UNF	1/2 " - 20 UNF
Chuck clamping type	Geared chucks	Keyless chuck
Weight (without mains cable)	2.8 kg	2.8 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600785	600786
Geared chucks	■	
Chuck keys	■	
Futuro Plus keyless chuck		■
Rubber-coated side handle	■	■
Drilling depth guide	■	■
Plastic carry case		■

Product advantages

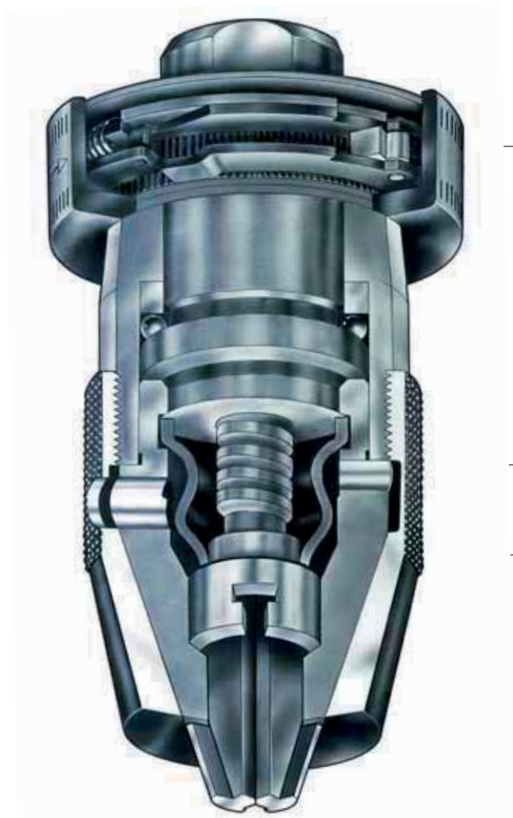
- Keyless chuck and spindle stop gear for convenient one-handed tool change
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for work with materials requiring customised speeds, which remain constant under load
- Thumbwheel for speed preselection
- Selectable "impuls" mode for removal of stubborn screws and for spot-drilling on smooth surfaces
- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Rotating carbon brush bridge for maximum performance even in anti-clockwise operation, e.g. for the removal of stubborn screws
- Metabo Marathon-motor with dust protection for long service life
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the tool stop unexpectedly
- Overload protection: protects the motor from overheating
- Restart protection: prevents unintentional start-up after power supply interruption
- Wear Indication for Carbon Brush

System components

Accessories → 245

Chucks: Precise fitting parts and a long service life.

Simple handling, secure fit and long service life are the quality factors of a quality chuck. The Metabo Futuro Top chucks have a spring-loaded bit clamping mechanism for precise fit, and the hardened and ground components (clamping jaws, guide sleeve and the chuck body) of the chuck ensure a long service life and precise working.



Metabo Futuro Top keyless chuck

Spring-loaded safety feature
To ensure secure grip of the drill bit, even under the toughest possible continuous operating conditions of 62,000 strokes/min.

Dual dust protection
Any dust that gets between the jaw guide and the rubber bellow is ejected through the openings in the chuck sleeve.

A hard-wearing, oil-resistant rubber bellows system protects the thread and the precision press fit from contamination.

Precise fitting parts and a long service life
All of the heavily used parts of the chuck are hardened. The clamping jaws, the guide sleeves and the chuck body have a ground finish.



Easy to use
The chuck can be opened easily and conveniently even after it has been used for tough drilling or impact drilling jobs.



Warranty for optimal quality
The individual parts of the chucks pass through in excess of 30 inspection points during the course of manufacture.



After assembly, each chuck is checked thoroughly for concentric operation and and functional safety.

Chucks

Keyless chucks, impact-proof



Futuro Top keyless chucks, R
- The first impact-proof keyless chuck, with integrated spring-loaded bit clamping mechanism and dual dust protection
- Keyless for quick tool change
- Firm grip of clamped tools even under the toughest loads
- The oil-resistant, hard-wearing rubber bellows system protects the thread and the precision press fit from dust and dirt
- For clockwise rotating drills only

Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Order no.
1 - 10	3/8"-24 UNF	42.8	77	0.35	636215000
1 - 10	1/2"-20 UNF	42.8	77	0.35	636216000
1 - 10	B12	42.8	77	0.35	636217000
1 - 13	3/8"-24 UNF	42.8	89	0.5	636225000
1 - 13	1/2"-20 UNF	42.8	89	0.5	636226000
1 - 13	B16	42.8	103	0.6	636227000
3 - 16	5/8" - 16 UN	50	113	1	636241000
3 - 16	B16	50	113	1	636242000
3 - 16	B18	50	113	1	636243000
1 - 10	1/2"-20 UNF	42.8	77	0.35	636601000*
1 - 13	1/2"-20 UNF	42.8	89	0.5	636602000*



Futuro Plus keyless chucks S1 M, R+L
- Special design for impact drills with spindle stop
- Sturdy design with metal sleeve
- Single sleeve (without supporting ring)
- Keyless for quick tool change
- Impact-proof design
- Drills through using locking screw for clockwise and anti-clockwise operating machines
- With spanner flat for assembly and disassembly



1.5 - 13	1/2"-20 UNF	42.9	72.4	0.3	636621000*
Chuck display ■ Contents: 6 pieces Futuro Plus S1M (636621000) 13 mm, 1/2" in counter display					636625000*



Futuro Plus keyless chucks S1, R + L
- Specially developed for lightweight impact drills with spindle stop
- Plastic sleeve
- Single sleeve (without supporting ring)
- Keyless for quick tool change
- Impact-proof design
- Drills through using locking screw for clockwise and anti-clockwise operating machines
- With spanner flat for assembly and disassembly

1 - 10	3/8"-24 UNF	42.7	61	0.2	636615000*
1 - 10	1/2"-20 UNF	42.7	61	0.2	636616000*
1.5 - 13	1/2"-20 UNF	42.7	72.4	0.2	636617000*



Futuro Plus keyless chucks S2 M, R + L
- Specially developed for impact drills
- Sturdy design with metal sleeve. Version 636619000 with hardened carbide jaws
- Double sleeve with radial locking for secure tool clamping
- Keyless for quick tool change
- Impact-proof design
- Drills through using locking screw for clockwise and anti-clockwise operating machines
- With spanner flat for assembly and disassembly



1.5 - 13	1/2"-20 UNF	42.9	72.4	0.3	636620000*
1.5 - 13	1/2"-20 UNF	42.9	72.4	0.3	636619000*
Chuck display ■ Contents: 6 pieces Futuro Plus S2M (636620000) 13 mm, 1/2" in counter display					636624000*

*Self-service packaging



Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Order no.

Futuro Plus keyless chucks S2, R + L
- Specially developed for lightweight impact drills
- Plastic sleeve
- Double sleeve with radial locking for secure tool clamping
- Keyless for quick tool change
- Impact-proof design
- Drills through using locking screw for clockwise and anti-clockwise operating machines
- With spanner flat for assembly and disassembly

1 - 10	3/8"-24 UNF	42.8	61	0.2	636612000*
1 - 10	1/2"-20 UNF	42.8	61	0.2	636613000*
1.5 - 13	1/2"-20 UNF	42.8	72.4	0.2	636614000*

Keyless chucks, not impact-proof

Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Order no.



Futuro R keyless chucks
- Keyless clamping of insertion tools to hand-held and fixed drills
- The chuck readjusts its tension to match the increasing cutting pressure on the cutting bit
- The chuck can be opened easily by hand even after the toughest drilling jobs
- For maximum load
- For clockwise rotating drills only
- Not impact-proof

1 - 10	3/8"-24 UNF	37.5	77	0.35	636321000
1 - 10	1/2"-20 UNF	37.5	77	0.35	636322000
1 - 10	B12	37.5	77	0.35	636323000
1 - 10	B16	40.5	103	0.6	636333000
1 - 13	3/8"-24 UNF	40.5	89	0.6	636341000
1 - 13	1/2"-20 UNF	40.5	89	0.6	636342000
1 - 13	B16	40.5	103	0.6	636343000
1 - 13	1/2"-20 UNF	47.5	111	0.8	636351000
1 - 13	B16	47.5	111	0.8	636353000
1 - 13	J6	47.5	111	0.8	636356000
3 - 16	5/8"-16 UN	50	113	1	636361000
3 - 16	B16	50	113	1	636362000
3 - 16	B18	50	113	1	636363000
3 - 16	J6	50	113	1	636364000



Futuro Plus keyless chucks H2, R + L
- Specially developed for cordless and lightweight drills
- Plastic sleeve
- Double sleeve with supporting ring for firm grip of tools
- Keyless for quick tool change
- Not impact-proof
- Drills through using locking screw for clockwise and anti-clockwise operating machines
- With spanner flat for assembly and disassembly

1 - 10	3/8"-24 UNF	42.7	61	0.2	636518000*
1 - 10	1/2"-20 UNF	42.7	61	0.2	636519000*
1.5 - 13	1/2"-20 UNF	42.7	72.4	0.2	636520000*

Guide for chuck designations:

B = conical
J = Jacobs
S = impact-proof
1 or 2 = number of sleeves
M = metal version
R = for clockwise rotation
R+L = for clockwise and anticlockwise rotation

Accessories for Drills and Impact Drills

	Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Order no.



Futuro Plus keyless chucks H1, R + L

- Special design for drills with spindle stop
- Plastic sleeve
- Single sleeve without supporting ring
- Keyless for quick tool change
- Not impact-proof
- Drills through using locking screw for clockwise and anti-clockwise operating machines
- With spanner flat for assembly and disassembly

	1 - 10	1/2"-20 UNF	40	49	0.15	636219000*
	1 - 10	3/8"-24 UNF	42.7	61	0.2	636515000*
	1 - 10	1/2"-20 UNF	42.7	61	0.2	636516000*
	1.5 - 13	1/2"-20 UNF	42.7	72.4	0.2	636517000*
	1.5 - 13	1/2"-20 UNF	42.7	61	0.2	636609000*



Futuro Plus keyless chucks H1 M, R+L

- Special design for drills with spindle stop
- Single sleeve (without supporting ring)
- Keyless for quick tool change
- Not impact-proof
- With spanner flat for assembly and disassembly

	0.8 - 6.5	1/2"-20 UNF	34	57	0.14	636623000*

Geared chucks, impact-proof

	Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Key size	Order no.



Geared chucks with key, clockwise rotation

- Tried and tested 1000 times
- The chuck for every type of job
- With female thread or female taper for hand-held or fixed drills as well as for hand-held impact drills
- The clamping force remains constant during drilling and impact drilling
- For clockwise rotating drills only

	0.5 - 6.5	3/8"-24 UNF	30	53	0.17	1	635008000
	1 - 10	3/8"-24 UNF	33.3	61	0.21	2	635019000
	1 - 10	1/2"-20 UNF	33.3	61	0.2	2	635072000
	1.5 - 13	3/8"-24 UNF	42.5	74	0.32	2	635033000
	1.5 - 13	1/2"-20 UNF	42.5	74	0.31	2	635035000
	1.5 - 13	1/2"-20 UNF	42.5	74	0.31	2	635302000*
	1.5 - 13	B16	42.5	78	0.35	2	635036000
	3 - 16	1/2"-20 UNF	50	87.5	0.6	3	635054000
	3 - 16	5/8"-16 UN	50	87.5	0.59	3	635056000
	3 - 16	B16	50	86	0.64	3	635050000
	3 - 16	B18	50	94.5	0.63	3	635049000
	5 - 20	B22	65	113	0.75	4	635058000



Geared chucks with key, R + L

- Tried and tested 1000 times
- The chuck for every type of job
- With female thread or female taper for hand-held or fixed drills as well as for hand-held impact drills
- The clamping force remains constant during drilling and impact drilling
- Drills through using locking screw for clockwise and anti-clockwise operating machines

	1 - 10	3/8"-24 UNF	33.3	61	0.17	2	635254000
	1 - 10	1/2"-20 UNF	33.3	61	0.17	2	635252000
	1.5 - 13	3/8"-24 UNF	42.5	74	0.31	2	635255000
	1.5 - 13	1/2"-20 UNF	42.5	74	0.31	2	635250000
	3 - 16	5/8"-16 UN	50	87.5	0.6	2	635253000
	1.5 - 13	1/2"-20 UNF	42.5	74	0.32	2	635304000*

Chuck Accessories

Spare chuck keys



- Gearing according to DIN
- For all geared chucks

Key size	Spigot Ø D mm	Shaft length L mm	Order no.
1	4	30	635165000*
2	6	42	635167000*
3	8	50	635168000*
4	9	55	635169000*

Morse tapers for chucks



- Hardened and ground
- For chuck with female taper
- According to DIN 238

Outer morse taper Ø	Chuck cone	Overall morse taper length mm	Weight kg	Order no.
MK 1	B 12	89	0.065	635104000
MK 1	B 16	97	0.09	635105000
MK 2	B 12	106.5	0.135	635114000
MK 2	B 16	110.5	0.16	635115000
MK 2	B 18	117.5	0.18	635116000
MK 3	B 16	134	0.31	635125000
MK 3	B 18	141	0.32	635126000
MK 3	B 22	147	0.39	635128000
MK 4	B 16	159	0.625	635132000
MK 4	B 18	168	0.66	635133000

Reducing Inserts



- Standard type
- Similar to DIN 2185
- Ground male taper

Outer morse taper Ø	Internal morse taper Ø	Overall length mm	Weight kg	Order no.
MK 3	MK 2	112	0.19	635143000
MK 4	MK 2	124	0.48	635144000
MK 4	MK 3	140	0.36	635146000

Drift keys

- Hardened industrial version
- for separation of morse taper and tool

Suitable for machine with morse taper	Overall length mm	Weight kg	Order no.
MK 1, MK 2	140	0.07	642395000
MK 3	190	0.15	642396000

*Self-service packaging

Accessories for »Quick« drills and drills/screwdrivers

		Order no.
	**PowerX3 torque setting adapter** ■ The torque setting adapter enables the power of the tool (torque) to be tripled to handle tough jobs ■ Suitable for all Metabo cordless drills/screwdrivers, cordless hammer drills and drills with Metabo »Quick«- quick change system in combination with 43 mm collet ■ Standard equipment incl. bit (1 x TX 50) and adapter for adjusting the handle length ■ Bit retainer with 1/2" male square and 1/4" (6.35 mm) female hexagon socket Attention: Use the PowerX3 in conjunction with the following tools only and using the stipulated length of the handle depending on the torque: all cordless drill/screwdrivers and LTX "Quick " impact drills as well as BE 75 Quick drill: 640 mm handle length; BE 1300 Quick drill: 380 mm handle length.	627256000
	**Quick-change geared chuck »Quick«** ■ Simple, fast and convenient chuck change thanks to the Metabo Quick change system ■ Impact-proof version; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5 - 13 mm ■ Suitable for all Metabo »Quick« machines	627238000*
	**Quick-change chuck Futuro Plus S 1 M, »Quick«** ■ Simple, fast and convenient chuck change thanks to the Metabo Quick change system ■ Stable version with metal sleeve; 1 sleeve; impact-resistant version; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5 - 13 mm ■ Suitable for all Metabo »Quick« machines	627240000*
	**Quick-change chuck Futuro Plus H 1 R+L, »Quick«** ■ Simple, fast and convenient chuck change thanks to the Metabo Quick change system ■ Version with metal sleeve; 1 sleeve; impact-resistant model; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.0 - 10 mm ■ Suitable for all Metabo »Quick« machines	627259000*
	**Quick-change chuck Futuro Plus H 1 R+L, »Quick«** ■ Simple, fast and convenient chuck change thanks to the Metabo Quick change system ■ Compact version with plastic sleeve; 1 sleeve; impact-resistant model; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5 - 13 mm ■ Suitable for all Metabo »Quick« machines	636608000*
	**Quick change threaded chuck M4 - M6** ■ Keyless chuck for inserting taps with square and cylindrical shanks ■ Simple, fast and convenient chuck change thanks to the Metabo Quick change system ■ Version with metal sleeve; 1 sleeve; impact-resistant model; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5-8 mm; drill chuck with square holder 3.5 mm for M4 and 5.0 mm for M6 ■ Suitable for all Metabo »Quick« machines	627235000*
	**Quick change threaded chuck M8 - M12** ■ Keyless chuck for inserting taps with square and cylindrical shanks ■ Simple, fast and convenient chuck change thanks to the Metabo Quick change system ■ Version with metal sleeve; 1 sleeve; impact-resistant model; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5-13 mm; chuck with square holder 6.0 mm for M8 and 8.1 mm for M10 and M12 ■ Suitable for all Metabo »Quick« machines	627237000*
	**Quick-change bit holder »Quick«** ■ Easy, fast and comfortable change of the bit holder thanks to Metabo quick change system »Quick« ■ Bit holder suitable for bits with 1/4" external hexagonal drive according to DIN 3126- C 6.3 and E 6.3 ■ Suitable for all Metabo »Quick« machines	627241000*

		Order no.
	**Quick-change angle adapter »Quick«** ■ Quick and comfortable fixing of angle adapter without tools ■ Quick spindle for fixing the quick change angle adapter 627240000 and bit holder 627241000 ■ Magnetic bit holder with 1/4" (6.35 mm) hexagonal shank ■ Suitable for forward and reverse rotation ■ Suitable for cordless machines up to a maximum of 110 Nm ■ Suitable for all Metabo »Quick« machines with collet Ø 43 mm	627242000*
	**Quick-change angle adapter »Quick«** ■ Quick and comfortable fixing of angle adapter without tools ■ Quick spindle for fixing the quick change angle adapter 627240000 and bit holder 627241000 ■ Magnetic bit holder with 1/4" (6.35 mm) hexagonal shank ■ Suitable for forward and reverse rotation ■ Suitable for cordless machines up to a maximum of 100 Nm ■ Suitable for all Metabo LT »Quick« models (from year of construction 02/2013)	627077000*
	**Quick-change angle adapter »Quick«** ■ For drilling and fixing screws in hard to reach places ■ Magnetic bit holder with 1/4" (6.35 mm) hexagonal shank ■ Gears made of special steel ■ Suitable for forward and reverse rotation; up to max. 28 Nm ■ Especially for PowerMaxx BS Quick and BS 18 Quick	627261000*

*Self-service packaging

Metal Drill Bits









HSS-R Metal drill bits, DIN 338, roll-milled

Spiral drill bit made of high-grade high-speed steel according to DIN 338, roll-milled, cylindrical, right-hand cutting, type N, black surface
Application:
Suitable for drilling in the common metals such as steel, non-ferrous metals, alloyed and non-alloyed cast steel. Up to 900 N/mm² tensile strength.

HSS-G metal drill bits, DIN 338, ground

Precision spiral drill bit made of high-grade high-speed steel according to DIN 338, precision ground, cylindrical, right-hand cutting, type N, crosswise grinding 135° according to DIN 1412 C (from 3 mm), polished surface
Application:
For maximum load and precision in crafts and industry. For drilling in steel and cast steel, alloyed and unalloyed, grey cast iron, sintered iron, nickel silver, graphite etc. Up to 900 N/mm² tensile strength.

HSS-Co metal drill bits, DIN 338, ground

Precision spiral drill bit made of cobalt-alloyed high-grade high-speed steel according to DIN 338, precision-ground, cylindrical, type N, reinforced core thickness, with cross-wise grinding 135° (from 2 mm) according to DIN 1412 C, bronze surface
Application:
For maximum load and precision in crafts and industry. For drilling hard-to-machine materials such as heat, corro-sion and acid resistant steels, VA steel, special alloys, weld-ed seams, CrNi-steels. Up to 1100 N/mm² tensile strength.

HSS-TiN metal drill bits, DIN 338, ground

Precision spiral drill made of titanium coated high-grade high-speed steel according to DIN 338, precision ground, cylindrical, right-hand cutting, type N, crosswise ground 135° (from 3 mm upwards) to DIN 1412 C, gold colour surface finish.
Application:
For maximum load and precision in crafts and industry. For drilling steel and cast-steel, alloyed and non-alloyed, grey cast iron, annealed cast-iron, nickel silver, graphite, bronze and brass. Up to 900 N/mm² tensile strength. HSS-TiN drill bits are not suited for processing aluminium.

Metal Drill Bits

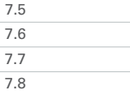
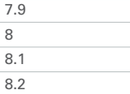
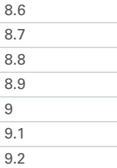
HSS-R metal drill bits, DIN 338, roll-milled



- Spiral drill bit made of high-grade high-speed steel according to DIN 338, roll-milled, cylindrical, right-hand cutting, type N
- Cone-shaped shell polished surface 118°, diameter tolerance h8
- Black surface
- Suitable for drilling in steel, non-ferrous metals, alloyed and non-alloyed cast steel. Up to 900 N/mm² tensile strength.

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
1	34	12	10	627700000*
1.1	36	14	10	627701000*
1.2	38	16	10	627702000*
1.3	38	16	10	627703000*
1.4	40	18	10	627704000*
1.5	40	18	10	627705000*
1.6	43	20	10	627706000*
1.7	43	20	10	627707000*
1.8	46	22	10	627708000*
1.9	46	22	10	627709000*
2	49	24	10	627710000*
2.1	49	24	10	627711000*
2.2	53	27	10	627712000*
2.3	53	27	10	627713000*
2.4	57	30	10	627714000*
2.5	57	30	10	627715000*
2.6	57	30	10	627716000*
2.7	61	33	10	627717000*
2.8	61	33	10	627718000*
2.9	61	33	10	627719000*
3	61	33	10	627720000*
3.1	65	36	10	627721000*
3.2	65	36	10	627722000*
3.3	65	36	10	627723000*
3.4	70	39	10	627724000*
3.5	70	39	10	627725000*
3.6	70	39	10	627726000*
3.7	70	39	10	627727000*
3.8	75	43	10	627728000*
3.9	75	43	10	627729000*
4	75	43	10	627730000*
4.1	75	43	10	627731000*
4.2	75	43	10	627732000*
4.3	80	47	10	627733000*
4.4	80	47	10	627734000*
4.5	80	47	10	627735000*
4.6	80	47	10	627736000*
4.7	80	47	10	627737000*
4.8	86	52	10	627738000*
4.9	86	52	10	627739000*
5	86	52	10	627740000*
5.1	86	52	10	627741000*
5.2	86	52	10	627742000*
5.3	93	57	10	627743000*
5.4	93	57	10	627744000*
5.5	93	57	10	627745000*
5.6	93	57	10	627746000*
5.7	93	57	10	627747000*
5.8	93	57	10	627748000*
5.9	93	57	10	627749000*
6	93	57	10	627750000*
6.1	101	63	10	627751000*
6.2	101	63	10	627752000*
6.3	101	63	10	627753000*

*Self-service packaging

	Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
	6.4	101	63	10	627754000*
	6.5	101	63	10	627755000*
	6.6	101	63	10	627756000*
	6.7	101	63	10	627757000*
	6.8	109	69	10	627758000*
	6.9	109	69	10	627759000*
	7	109	69	10	627760000*
	7.1	109	69	10	627761000*
	7.2	109	69	10	627762000*
	7.3	109	69	10	627763000*
	7.4	109	69	10	627764000*
	7.5	109	69	10	627765000*
	7.6	117	75	10	627766000*
	7.7	117	75	10	627767000*
	7.8	117	75	10	627768000*
	7.9	117	75	10	627769000*
	8	117	75	10	627770000*
	8.1	117	75	10	627771000*
	8.2	117	75	10	627772000*
	8.3	117	75	10	627773000*
	8.4	117	75	10	627774000*
	8.5	117	75	10	627775000*
	8.6	125	81	10	627776000*
	8.7	125	81	10	627777000*
	8.8	125	81	10	627778000*
	8.9	125	81	10	627779000*
	9	125	81	10	627780000*
	9.1	125	81	10	627781000*
	9.2	125	81	10	627782000*
	9.3	125	81	10	627783000*
	9.4	125	81	10	627784000*
	9.5	125	81	10	627785000*
	9.6	133	87	10	627786000*
	9.7	133	87	10	627787000*
	9.8	133	87	10	627788000*
	9.9	133	87	10	627789000*
	10	133	87	10	627790000*
	10.2	133	87	5	627792000*
	10.5	133	87	5	627795000*
	11	142	94	5	627800000*
	11.5	142	94	5	627805000*
	12	151	101	5	627810000*
	12.5	151	101	5	627815000*
	13	151	101	5	627820000*
		**HSS-R drill bit storage case** 6 pieces, in plastic storage case Ø 2 / 3 / 4 / 5 / 6 / 8 mm			627160000*
		**HSS-R drill bit storage case** 10 pieces, in plastic carry case Ø 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 mm			627158000*
		**HSS-R drill bit storage case** 13 pieces, in plastic storage case Ø 1.5 / 2 / 2.5 / 3 / 3.2 / 3.5 / 4 / 4.5 / 4.8 / 5 / 5.5 / 6 / 6.5 mm			627161000*
		**HSS-R drill bit storage case** 13 pieces, in plastic storage case Ø 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 mm			627162000*
		**HSS-R drill bit storage case** 19 pieces, in robust plastic storage case Ø 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 mm			627164000*

		Order no.
	 **HSS-R drill bit storage case** 25 pieces, in robust plastic storage case Ø 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 /7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 / 10.5 / 11 / 11.5 / 12 / 12.5 / 13 mm	627159000*
	 **HSS-R drill bit storage case** 36 pieces, in metal case 5x Ø 2 / 2.5 / 3 / 3.5 mm; 3x Ø 4 / 4.5 / 5 / 5.5 mm; 2x 6 / 6.5 mm	627174000*

HSS-R Metal drill bits, DIN 338, with offset shank



- Spiral drill bit made of high-grade high-speed steel according to DIN 338, roll-milled, cylindrical, right-hand cutting, type N
- Cone-shaped shell polished surface 118°, diameter tolerance h8
- Black surface
- Suitable for drilling in steel, non-ferrous metals, alloyed and non-alloyed cast steel. Up to 900 N/mm² tensile strength.

	Diameter mm	Overall length mm	Working length mm	Shaft Ø mm	Sales unit	Order no.
	13.5	160	108	10	1	625006000*
	14	160	108	10	1	625007000*
	15	169	114	10	1	625009000*
	16	178	120	10	1	625011000*
	17	184	125	13	1	625013000*
	18	191	130	13	1	625015000*
	19	198	135	13	1	625017000*
	20	205	140	13	1	625019000*

HSS-G metal drill bits, DIN 338, ground



- Precision spiral drill bit made of high-grade high-speed steel according to DIN 338, precision ground, cylindrical, right-hand cutting, type N, crosswise grinding 135° according to DIN 1412 C (from 3 mm), diameter tolerance h8
- Bare surface
- For highest demands and precision in industry and crafts.
- For drilling steels, cast steel, alloyed and unalloyed, grey cast iron, tempered cast iron, ductile cast iron, sintered iron, nickel silver, graphite, NF metals, plastic. Up to 900 N/mm² tensile strength.

	Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
	1	34	12	10	627852000*
	1.5	40	18	10	627857000*
	2	49	24	10	627862000*
	2.5	57	30	10	627867000*
	3	61	33	10	627872000*
	3.2	65	36	10	627874000*
	3.3	65	36	10	627875000*
	3.5	70	39	10	627877000*
	4	75	43	10	627882000*
	4.1	75	43	10	627883000*
	4.2	75	43	10	627884000*
	4.5	80	47	10	627887000*
	4.8	86	52	10	627890000*
	5	86	52	10	627892000*
	5.1	86	52	10	627893000*
	5.2	86	52	10	627894000*

*Self-service packaging

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
5.5	93	57	10	627897000*
6	93	57	10	627902000
6.5	101	63	10	627907000
6.8	109	69	5	627910000
7	109	69	5	627912000
7.5	109	69	5	627917000
8	117	75	5	627922000
8.2	117	75	5	627924000
8.5	117	75	5	627927000
9	125	81	5	627932000
9.5	125	81	5	627937000
10	133	87	5	627942000
10.2	133	87	5	627943000
10.5	133	87	5	627944000
11	142	94	5	627945000
11.5	142	94	5	627946000
12	151	101	5	627947000
12.5	151	101	5	627948000
13	151	101	5	627949000
1	34	12	2	627950000*
1.5	40	18	2	627951000*
2	49	24	2	627952000*
2.5	57	30	2	627953000*
3	61	33	2	627954000*
3.2	65	36	2	627955000*
3.5	70	39	2	627957000*
4	75	43	2	627958000*
4.2	80	47	1	627960000*
4.5	80	47	1	627961000*
4.8	86	52	1	627962000*
5	86	52	1	627963000*
5.5	93	57	1	627966000*
6	93	57	1	627967000*
6.5	101	63	1	627968000*
6.8	109	69	1	627969000*
7	109	69	1	627970000*
7.5	109	69	1	627971000*
8	117	75	1	627973000*
8.5	117	75	1	627975000*
9	125	81	1	627976000*
9.5	125	81	1	627977000*
10	133	87	1	627978000*
10.5	133	87	1	627980000*
11	142	94	1	627981000*
11.5	142	94	1	627982000*
12	151	101	1	627983000*
12.5	151	101	1	627984000*
13	151	101	1	627985000*

HSS-G Metal drill bits long, DIN 340

- Precision spiral drill bit made of high-grade high-speed steel according to DIN 340, ground from the solid, long, cylindrical, right-hand cutting, type N, crosswise grinding 135° according to DIN 1412 C (from 3 mm), diameter tolerance h8
- Bare surface
- For highest demands and precision in industry and handcraft
- For drilling steels, cast steel, alloyed and unalloyed, grey cast iron, ductile cast iron, sintered iron, nickel silver, graphite. Up to 900 N/mm² tensile strength.

	Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
	2	85	56	1	625031000*
	3	100	66	1	625033000*
	4	119	78	1	625038000*
	5	132	87	1	625043000*
	6	139	91	1	625050000*
	7	156	102	1	625053000*
	8	165	109	1	625055000*
	9	175	115	1	625057000*
	10	184	121	1	625059000*
	11	195	128	1	625062000*
	12	205	134	1	625064000*
	13	205	134	1	625066000*
	**HSS-G drill bit storage case** 6 pieces, in plastic storage case Ø 2 / 3 / 4 / 5 / 6 / 8 mm				627094000*
	**HSS-G drill bit storage case** 13 pieces, in plastic storage case Ø 1.5 / 2 / 2.5 / 3 / 3.2 / 3.5 / 4 / 4.5 / 4.8 / 5 / 5.5 / 6 / 6.5 mm				627096000*
	**HSS-G drill bit storage case** 19 pieces, in robust plastic carry case Ø 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 mm				627097000*
	**HSS-G drill bit storage case** 25 pieces, in robust plastic storage case Ø 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 / 10.5 / 11 / 11.5 / 12 / 12.5 / 13 mm				627098000*

HSS-G Metal drill bits, DIN 3126, with hexagonal shank



- High-quality precision tool made of the finest hardened steel
- Precision ground from one piece
- Ideal for the new generation of drills equipped with quick-change keyless chuck according to DIN 3126.
- Strict compliance with DIN 3126 E6.3 ensures that the chuck is not damaged.

	Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
	2	47	16	1	627514000*
	3	47	16	1	627515000*
	4	53	20	1	627516000*
	5	59	26	1	627517000*
	6	59	26	1	627518000*
	8	60	32	1	627519000*
	**HSS-G drill bit storage case** 5 pieces, with hexagonal shank (E 6.3), in plastic storage case Ø 3 / 4 / 5 / 6 / 8 mm				627112000*

*Self-service packaging

HSS-Co. metal drill bits DIN 338



- Precision spiral drill bit made of cobalt-alloyed high-grade high-speed steel according to DIN 338, precision-ground, cylindrical, type N, reinforced core thickness, with crosswise grinding 135° according to DIN 1412 C (from 2 mm), diameter tolerance h8
- Bronze surface
- For exceptional demands and precision work in handcraft and industry
- For drilling in steel, VA-steel, cast steel, non-ferrous metals, plastics, special alloys, chrome vanadium steel up to 1100 N/mm² tensile strength

	Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
	1	34	12	2	627430000*
	1.5	40	18	2	627431000*
	2	49	24	2	627432000*
	2.5	57	30	2	627433000*
	3	61	33	2	627435000*
	3.2	65	36	2	627436000*
	3.3	65	36	2	627437000*
	3.5	70	39	2	627438000*
	4	75	43	2	627439000*
	4.1	75	43	1	627440000*
	4.2	75	43	1	627441000*
	4.5	80	47	1	627442000*
	4.8	86	52	1	627443000*
	5	86	52	1	627444000*
	5.1	86	52	1	627445000*
	5.2	86	52	1	627446000*
	5.5	93	57	1	627447000*
	6	93	57	1	627448000*
	6.5	101	63	1	627449000*
	6.8	109	69	1	627450000*
	7	109	69	1	627451000*
	7.5	109	69	1	627452000*
	8	117	75	1	627454000*
	8.2	117	75	1	627455000*
	8.5	117	75	1	627456000*
	9	125	81	1	627457000*
	9.5	125	81	1	627458000*
	10	133	87	1	627459000*
	10.2	133	87	1	627460000*
	10.5	133	87	1	627461000*
	11	142	94	1	627462000*
	11.5	142	94	1	627463000*
	12	151	101	1	627464000*
	12.5	151	101	1	627465000*
	13	151	101	1	627466000*
	**HSS-Co drill bit storage case** 6 pieces, in plastic storage case Ø 2 / 3 / 4 / 5 / 6 / 8 mm				627119000*
	**HSS-Co drill bit storage case** 13 pieces, in plastic storage case Ø 1.5 / 2 / 2.5 / 3 / 3.2 / 3.5 / 4 / 4.5 / 4.8 / 5 / 5.5 / 6 / 6.5 mm				627120000*
	**HSS-Co drill bit storage case** 19 pieces, in robust plastic storage case Ø 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 mm				627121000*
	**HSS-Co drill bit storage case** 25 pieces, in robust plastic storage case Ø 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 / 10.5 / 11 / 11.5 / 12 / 12.5 / 13 mm				627122000*

HSS-TiN metal drill bits, DIN 338

- Precision spiral drill bit made from TiN-coated high-speed steel, precision-ground, cylindrical, type N
- Not suitable for processing aluminium

		Order no.
	**HSS-TiN drill bit storage case** 6 pieces, in plastic storage case Ø 2 / 3 / 4 / 5 / 6 / 8 mm	627171000*
	**HSS-TiN drill bit storage case** 13 pieces, in plastic storage case Ø 1.5 / 2 / 2.5 / 3 / 3.2 / 3.5 / 4 / 4.5 / 4.8 / 5 / 5.5 / 6 / 6.5 mm	627176000*
	**HSS-TiN drill bit storage case** 19 pieces, in robust plastic storage case Ø 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 mm	627173000*
	**HSS-TiN drill bit storage case** 25 pieces, in robust plastic storage case Ø 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 / 10.5 / 11 / 11.5 / 12 / 12.5 / 13 mm	627191000*

HSS Form work drill bits, DIN 7490

- Spiral drill bit made of HSS steel for extra long tool life
- Corresponds to the safety requirements of the Wood Professional Association according to DIN 7490
- No clamping in drill hole, good chip removal
- For drilling through formwork in the construction industry as well as boards, beams, planks and floor boards made of soft and hard wood. Also suitable as a facade and roofer's drill bit for metal, profile sheets etc.

Diameter mm	Overall length mm	Sales unit	Order no.
6	400	1	627330000*
8	400	1	627331000*
10	400	1	627332000*
12	400	1	627333000*
14	400	1	627334000*
16	400	1	627335000*
18	400	1	627336000*
20	400	1	627337000*
22	400	1	627338000*
8	600	1	627401000*
10	600	1	627402000*
12	600	1	627403000*
14	600	1	627404000*
16	600	1	627405000*

Router bit



- Router bit made of HSS steel with very efficient routing spirals, crosswise grinding 135° according to DIN 1412 C, titanium nitride coating
- Extremely suitable for drilling and moulding/routing any contours in sheet metal and other thin-walled materials

Diameter mm	Overall length mm	Sales unit	Order no.
6	90	1	625150000*

*Self-service packaging

Masonry Drill bits, Universal Drill Bits



Masonry drill bits, carbide-tipped

Very robust, high-grade masonry drill bits for rotary and impact drills, carbide insert 130°, milled angle groove, straight spiral intake, heat resistant, good durability and long service life.

Application:
For drilling in concrete, masonry, natural stone

Concrete drill bits, carbide-tipped, »classic« series

Concrete drill bit for rotary and impact drills, milled angle groove, straight spiral intake, long tool life, heat-resistant, carbide insert 130°, negative chamfer, robust version, surface shot peened

Application:
For drilling in concrete, masonry, natural stone

Concrete drill bits, carbide-tipped, »pro«

High-grade, robust concrete drill bit, carbide plate 130°, especially heat-resistant, very long tool life, with special groove for quick discharge of borehole cuttings, surface blank

Application:
For drilling in granite, concrete, masonry, natural and artificial stone. Suitable for light rotary hammers with a three-jaw chuck



Universal drill bits, carbide-tipped

Multi-purpose drill bit with cylindrical shaft for rotary, non-impact use, diamond ground carbide inserts and a positive aggressive cutting angle, ideally suited for use with cordless tools.

Application:
For drilling in wood, metal, plastic, brick, gypsum boards, aerated concrete, tiles, ceramic, etc.

Masonry Drill bits, Concrete Drill Bits

Masonry drill bits, carbide-tipped



- Masonry drill bit for rotary and impact drills, milled version, carbide insert 130°, robust version
- Suitable for drilling in bricks, masonry, natural stone etc.

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
3	60	30	1	627467000*
4	75	40	1	627468000*
5	85	50	1	627469000*
5.5	85	50	1	627470000*
6	100	60	1	627471000*
6	150	85	1	627487000*
6	200	135	1	627490000*
7	100	60	1	627473000*
8	120	80	1	627474000*
8	200	135	1	627491000*
10	120	80	1	627476000*
10	200	135	1	627492000*
12	150	85	1	627478000*
12	200	135	1	627493000*
14	150	85	1	627480000*
	**Masonry drill bit storage case** 5 pieces, in plastic storage case Ø 4 / 5 / 6 / 8 / 10 mm			627192000*
	**Masonry drill bit storage case** 8 pieces, in plastic storage case Ø 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 mm			627193000*

Concrete drill bits, carbide-tipped, »classic« series



- Concrete drill bit for rotary and impact drills according to DIN 8039, milled angle groove, straight spiral intake, long tool life, heat-resistant, carbide insert 130°, negative chamfer, robust version
- Surface: shot blasted
- Suitable for drilling in concrete, masonry, natural stone

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
4	85	50	1	627625000*
5	85	50	1	627626000*
5	150	90	1	627665000*
5.5	85	50	1	627627000*
6	100	55	1	627646000*
6	150	90	1	627675000*
6.5	100	55	1	627650000*
7	100	55	1	627651000*
8	120	70	1	627652000*
8	200	150	1	627679000*
9	120	70	1	627653000*
10	120	70	1	627654000*
10	200	150	1	627697000*
11	150	90	1	627655000*
12	150	90	1	627656000*
12	200	150	1	627698000*
13	150	90	1	627657000*
14	150	90	1	627658000*
14	200	150	1	627699000*
15	160	100	1	627659000*

*Self-service packaging

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
16	160	100	1	627661000*
18	160	100	1	627662000*
20	160	100	1	627664000*
	**Concrete drill bit storage case** 5 pieces, in plastic carry case Ø 4 / 5 / 6 / 8 / 10 mm			627180000*
	**Concrete drill bit storage case** 8 pieces, in plastic carry case Ø 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 mm			627182000*

Drill bits for concrete, carbide-tipped, »pro« series



- High-grade, robust concrete drill bit according to DIN 8039 with carbide insert 130°, especially heat-resistant, very long tool life, with special groove for quick discharge of drilling debris
- Also suitable for light rotary hammers with a three-jaw chuck
- Suitable for drilling in granite, concrete, masonry, natural and artificial stone

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
4	85	50	1	627224000*
5	85	50	1	627225000*
5	150	105	1	627421000*
5.5	85	50	1	627226000*
6	100	55	1	627227000*
6	150	105	1	627423000*
6.5	100	55	1	627228000*
7	100	55	1	627229000*
8	120	70	1	627230000*
8	200	135	1	627426000*
9	120	70	1	627389000*
10	120	70	1	627391000*
10	200	135	1	627427000*
11	150	90	1	627392000*
12	150	90	1	627393000*
12	200	135	1	627428000*
13	150	90	1	627394000*
14	150	90	1	627395000*
14	200	135	1	627429000*
15	150	90	1	627396000*
16	150	90	1	627399000*
18	160	95	1	627409000*
20	160	95	1	627410000*
	**Concrete drill bit storage case** 5 pieces, in plastic storage case Ø 4 / 5 / 6 / 8 / 10 mm			627181000*

Universal Drill bits, Glass Drill Bits

Universal drill bits, carbide-tipped



- Multi-purpose drill bit with straight shank, for rotary use
- With diamond-ground carbide insert and positive, aggressive cutting angle. Ideal also for use in cordless drills
- Suitable for drilling in wood, metal, plastic, brick, gypsum boards, aerated concrete, tiles, ceramic, etc.

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
3	70	40	1	627696000*
4	85	50	1	627680000*
5	85	50	1	627681000*
5.5	85	50	1	627682000*
6	100	60	1	627683000*
6	150	90	1	627684000*
7	100	60	1	627687000*
8	120	80	1	627688000*
8	250	200	1	627689000*
10	120	80	1	627691000*
10	250	200	1	627692000*
12	150	90	1	627693000*
12	250	200	1	627694000*
14	250	200	1	627695000*
	**Universal drill bit storage case** 4 pieces in plastic storage case Ø 5 / 6 / 8 / 10 mm			627185000*

Glass drill bits, carbide tipped



- Glass drill bit with special carbide insert
- For drilling in glass, mirror glass, bottles, tiles, etc.
- Attention: set low speeds and cool sufficiently!

Diameter mm	Overall length mm	Sales unit	Order no.
4	60	1	627243000*
5	70	1	627244000*
6	75	1	627245000*
8	80	1	627246000*
10	100	1	627247000*

Diamond drill bits



- High-performance diamond drill bit for all types of tiles up to a scratch hardness of class 8. Also suitable for glass, porcelain, marble, etc.
- The drill must be cooled continuously with water.

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
5	60	35	1	627534000*
6	60	35	1	627535000*
7	60	35	1	627536000*
8	60	35	1	627537000*
10	60	35	1	627538000*
12	60	35	1	627539000*
14	60	35	1	627544000*

*Self-service packaging

Wood Drill Bits



Wood Drill Bits CV

Wood spiral drill bit made of high-grade steel, similar to DIN 7487 hardened, with centering point

Application:
For drilling in hard and soft wood, plywood, chipboards, etc.

Auger Bits

Auger bit for timber with self centering thread point and pre-cutting action, with hexagonal shaft, especially fast drilling cycle, very good material removal.

Application:
Ideal for drilling deep holes in thick hard and soft wood, especially timber beams.

Forstner Drill Bits

Similar to DIN 7483, with centering point, 2 main cutters and 2 ring cutters

Application:
For use in hard and soft wood, veneered wooden boards. Suitable for drilling blind holes.

Wood Drill Bits

Wood drill made of high-quality steel with centering point for precise drilling and 2-sided cutting for splinter-free drilling. The 1/4“ (6.35 mm) hexagonal shaft fits into traditional chucks and E 6.3 holders.

Application:
For fast drilling soft wood, boards, chipboards, plywood, etc.

Wood Drill Bits

Wood drill bits CV, with centering point



- For use in hard and soft wood, plywood, chipboards, etc.
- Wood spiral drill bit made of high-grade steel, hardened, with centering point
- Similar to DIN 7487

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
3	61	33	1	627986000*
4	75	43	1	627987000*
5	86	52	1	627988000*
6	97	60	1	627989000*
7	109	69	1	627990000*
8	117	75	1	627991000*
9	125	80	1	627992000*
10	133	87	1	627993000*
11	142	89	1	627994000*
12	151	96	1	627995000*
13	151	96	1	627996000*
14	151	97	1	627997000*
15	151	97	1	627998000*
16	151	97	1	627999000*
18	180	120	1	627339000*
20	200	130	1	627340000*
	**Wood drill bit storage case** 5 pieces, in plastic storage case Ø 4 / 5 / 6 / 8 / 10 mm			627200000*
	**Wood drill bit storage case** 8 pieces, in plastic carry case Ø 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 mm			627202000*

Rose bits 90°



- 5-cut rose bit made of HSS steel for acute-angled countersinks, with Allen screw, for fitting on wood spiral bits
- Can also be used as depth guide, simply invert the countersink

Diameter mm	Overall length mm	Sales unit	Order no.
3	26	1	625020000*
4	26	1	625021000*
5	26	1	625022000*
6	26	1	625023000*
8	26	1	625024000*
10	26	1	625025000*

Countersinks



- 5-cut countersink made of HSS steel for acute-angled countersinks

Diameter mm	Overall length	Sales unit	Order no.
16	43	1	623521000*

*Self-service packaging

Wood drill bits with hexagonal shank, DIN 3126



- High-quality precision tool made of the finest hardened steel
- Precision ground from one piece (not a bolted or welded 2-piece product).
- Ideal for drills equipped with quick change keyless chuck according to DIN 3126.
- Our drill's strict compliance to DIN 3126 E6.3 ensures that the chuck is not damaged.
- With centering point for precise spot-drilling.

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
2	55	20	1	627522000*
3	65	35	1	627523000*
4	75	40	1	627524000*
5	85	50	1	627525000*
6	90	55	1	627526000*
8	90	55	1	627527000*
10	100	60	1	627528000*
	**Wood drill bit storage case** 5 pieces, with hexagonal shank (E 6.3), in plastic storage case Ø 3 / 4 / 5 / 6 / 8 mm			627111000*

Timber auger bits for wood with hexagonal shank



- Timber auger bit with self-centring thread tip and rough cutter
- Ideal for drilling deep holes in hard and soft wood, especially beams
- Auger bit Ø 6-12 mm: hexagonal shank SW 10; auger bit Ø 14-32 mm: hexagonal shank SW 11

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
6	230	155	1	627115000*
7	230	155	1	627116000*
8	230	155	1	627124000*
10	230	155	1	627125000*
12	230	155	1	627126000*
14	230	155	1	627127000*
16	230	155	1	627128000*
18	230	155	1	627129000*
20	230	155	1	627130000*
22	230	155	1	627131000*
24	230	155	1	627132000*
26	230	155	1	627133000*
28	230	155	1	627134000*
30	230	155	1	627135000*
32	230	155	1	627136000*
8	460	385	1	627137000*
10	460	385	1	627138000*
12	460	385	1	627139000*
14	460	385	1	627140000*
16	460	385	1	627141000*
18	460	385	1	627142000*
20	460	385	1	627143000*
22	460	385	1	627144000*
24	460	385	1	627145000*
26	460	385	1	627146000*
28	460	385	1	627147000*
30	460	385	1	627148000*
32	460	385	1	627150000*

*Self-service packaging

Forstner drill bits, similar to DIN 7483 G



- Forstner drill bit, similar to DIN 7483 G with centering point, 2 main cutters and 2 ring cutters
- For use in hard and soft wood, veneered wooden boards, etc.
- Suitable for drilling blind holes.

Diameter mm	Overall length mm	Shaft Ø mm	Sales unit	Order no.
10	90	8	1	627579000*
12	90	8	1	627580000*
14	90	8	1	627581000*
15	90	10	1	627582000*
16	90	10	1	627583000*
18	90	10	1	627584000*
20	90	10	1	627585000*
22	90	10	1	627586000*
24	90	10	1	627587000*
25	90	12	1	627588000*
26	90	12	1	627589000*
28	90	12	1	627590000*
30	90	12	1	627591000*
32	90	12	1	627592000*
34	90	12	1	627593000*
35	90	12	1	627594000*
36	90	12	1	627595000*
38	90	12	1	627596000*
40	90	15	1	627597000*
45	90	15	1	627598000*
50	90	15	1	627599000*

Carbide multi-spur machine bit



- Precision multi-spur machine bit, similar to DIN 7483 C with centering point, 2 sharp rough cutters and 2 main cutters made of carbide steel
- For professional use and non-splintering drilling in veneered wooden boards as well as all natural hard and soft wood types

Diameter mm	Overall length mm	Shaft Ø mm	Sales unit	Order no.
20	90	8	1	625123000*
25	90	8	1	625126000*
30	90	8	1	625128000*
35	90	10	1	625129000*
40	90	10	1	625130000*

Wood drill bits with 1/4" (6.35 mm) hexagonal shank



- Wood drill bit made of high-grade steel, with centering point for high-precision spot-drilling and two side cutters for quick and non-splintering drilling in soft wood, chipboard, plywood, light construction materials etc.
- The 1/4" (6.35 mm) hexagonal shank fits into standard chucks and E 6.3 holders.

Diameter mm	Overall length mm	Sales unit	Order no.
8	160	1	627311000*
10	160	1	627312000*
12	160	1	627313000*
13	160	1	627314000*
14	160	1	627315000*
16	160	1	627316000*
17	160	1	627347000*
18	160	1	627317000*

Diameter mm	Overall length mm	Sales unit	Order no.
19	160	1	627318000*
20	160	1	627319000*
22	160	1	627320000*
24	160	1	627321000*
25	160	1	627322000*
26	160	1	627323000*
28	160	1	627324000*
30	160	1	627325000*
32	160	1	627326000*
36	160	1	627327000*
38	160	1	627328000*

Extension for wood drill bit

	Working length mm	Sales unit	Order no.
	305	1	627329000*

Drill bit assortments for metal, stone, wood

		Order no.
	**Drill bit assortment** Stone, wood and HSS-R drill bit, 9 pieces, in plastic storage case each 3 x Ø 5 / 6 / 8 mm	627179000*
	**Drill bit assortment** Stone, wood and HSS-R drill bit, 18 pieces, in plastic storage case each 1 x Ø 3 / 4 / 5 / 6 / 8 / 10 mm	627190000

Hole Saws

Multipurpose hole saws »Pionier«, carbide tipped, with M 16 female thread



- Carbide teeth supported on both sides and enlarged brazed contact areas guarantee a secure fit and a high-strength connection of material.
- Improved vibration characteristics by means of the special curved geometry of the enlarged chip room and the clean-out slot.
- Ideal for electricians, tile layers, sanitation installers, heater contractors, cabinet makers, kitchen studios, artisans
- For solid wood, plywood, chipboard, plastics, acrylic glass, tiles (up to scratch hardness 6), plaster concrete blocks, aerated concrete, wood-wool boards, fibre cement, solid brick
- Maximum cutting depth 60 mm
- Only use in rotary mode, turn off impact. Use hole saws only with arbor and pilot drill.

Diameter mm	Order no.
25	627001000*
30	627002000*
35	627003000*
40	627004000*
50	627005000*
60	627006000*
63	627007000*
65	627008000*
68	627009000*
74	627010000*
80	627012000*
105	627013000*

*Self-service packaging

Arbors for multi-purpose hole saws »Pionier«

- Comfortable quick fastener for a fast change of the centre drill, without setscrew.
- No tool loss in the event of accidentally switched-on impact mechanism: the shortened holding slots prevent impact operation on the hammer drills with SDS-plus holder, thereby not damaging the tool.
- For working with the multi-purpose hole saws »Pionier«
- Easy removal of the drilling core by unlocking the pilot drill and pulling out the drilling core from the hole saw.
- The spanner flats enable easy release of the adapter.

	Shaft type	Overall length mm	Order no.
	SW11	118	627037000*
	SDS-plus	118	627038000*
	SDS-plus	220	627039000*

Pilot drill, carbide-tipped

		Order no.
	Pilot drill For work with the carbide core cutters (M16 female thread) and the universal hole saws »Pionier« (M16 female thread) in combination with one of the arbors Diameter: 8 mm Overall length: 120 mm	627040000*

Bi-metal hole saws



- Hole saws made of bi-metal with hardened teeth made from high-alloy high-speed steel with a cobalt content of 8%, thus significantly increased tool life
- Quicker and softer chip removal through new kind of teeth with irregular tooth shape and division; thus less vibration
- For use in cast steel and grey cast iron, stainless steel, constructional steel, aluminium, bronze, copper, PVC, acrylic glass, wood.
- Maximum cutting depth approx. 35 mm
- Thread for hole saws-Ø 14-30 mm: 1/2"-20 UNF; thread for hole saws-Ø 32-152 mm: 5/8"-18 UNF
- Use hole saws only with the corresponding arbor and pilot drill.

Diameter mm	Order no.
14	625160000*
16	625161000*
17	625162000*
19	625163000*
20	625164000*
21	625165000*
22	625166000*
24	625167000*
25	625168000*
27	625169000*
29	625170000*
30	625171000*
32	625172000*
33	625173000*
35	625174000*
37	625175000*
38	625176000*
40	625177000*
41	625178000*
43	625179000*
44	625180000*
46	625181000*
48	625182000*

Diameter mm	Order no.
51	625184000*
52	625185000*
54	625186000*
56	625187000*
57	625188000*
59	625189000*
60	625190000*
64	625191000*
65	625192000*
67	625193000*
68	625194000*
70	625195000*
73	625196000*
76	625197000*
79	625198000*
83	625199000*
86	625200000*
89	625201000*
92	625202000*
95	625203000*
98	625204000*
102	625205000*
105	625206000*
108	625207000*
111	625208000*
114	625209000*
121	625210000*
127	625211000*
140	625213000*
152	625214000*

Arbors for bi-metal hole saws

	Designation	Hole saw Ø	Shaft type	Order no.
	Adapter SW 9/ 1/2"-20 UNF	14 - 30 mm	SW9	625215000*
	Adapter SW 9/ 5/8"-18 UNF	32 - 152 mm	SW9	625216000*
	SDS-plus adapter/ 1/2"-20 UNF	14 - 30 mm	SDS-plus	625217000*
	SDS-plus adapter/ 5/8"-18 UNF	32 - 152 mm	SDS-plus	625218000*

Pilot drill

		Order no.
	**Pilot drill** For work with the HSS bi-metal hole saws in combination with one of the anchor-head holders: 625215000 to 625218000 Diameter: 6.35 mm	625220000*

Bi-metal hole saws, assortments

		Order no.
	**Bi-metal hole saw set 1, 8 pieces** Consisting of: Bi-metal Hole Saws Ø 22, 29, 35, 44, 51 and 68 mm Arbor for hole saw-Ø 14-30 mm (SW 9/ 1/2"-20 UNF) Arbor for hole saw-Ø 32-152 mm (SW 9/ 5/8"-18 UNF) Pilot Drill Plastic carry case	625434000*
	**Bi-metal hole saw set 2, 11 pieces** Consisting of: Bi-metal hole saw Ø 19, 22, 29, 35, 44, 51, 57, 64 and 68 mm Arbor for hole saw-Ø 14-30 mm (SW 9/ 1/2"-20 UNF) Arbor for hole saw-Ø 32-152 mm (SW 9/ 5/8"-18 UNF) Pilot Drill Plastic carry case	625435000*

Hole saw set for wood

		Order no.
	**Hole saw** With 8 interchangeable inserts Ø 25-68 mm, with pilot drill Ø 6 mm, shank Ø 10 mm	623531000*

Attachments

Angle drilling and screw-driving attachment

		Order no.
	**Angle drilling and screw-driving attachment** ■ Makes easy work of drilling and screw-driving in confined spaces ■ Spindle with hexagonal recess for screwdriver bits; bit retaining bush ■ Suitable for forward and reverse rotation ■ Metabo quick-action coupling ■ Gear ratio 1:1; load resistance up to 100 Nm ■ With chuck safety bolt and hexagon nut Aperture: 43 mm Spindle thread: 1/2" - 20 UNF Spindle with hexagonal recess: 1/4" (6.35 mm) Weight: 0.5 kg	631078000*

*Self-service packaging

Pump attachments

	Order no.
 **Pump attachment BPV 01** ■ Self-priming ■ Suitable for driving units with speed up to 1,800 to 2,600 /min ■ Fitted with its pin in the chuck of the driving unit ■ Water temperature: max. 50° C Maximum delivery rate: 1,500 l/h Maximum suction height: 2 m Maximum delivery height: 4 m Connection piece for hose: 1/2" Weight: 0.1 kg	627621000*
 **Pump attachment BPV 03** ■ Self-priming ■ Suitable for driving units with speed up to 3,400 rpm ■ Metabo quick-action coupling Maximum delivery rate: 3,000 l/h Maximum suction height: 4 m Maximum delivery height: 20 m Aperture: 43 mm Connection piece for hose: R 3/4" Weight: 0.6 kg	627640000*

Hexagon nut

	Order no.
 **Hexagon nut** With female thread 1/2"-20 UNF; To drive the angle attachment 631078000 or the pump attachment 627640000 on a drill with a 1/2"-20 UNF threaded spindle, but no hexagon shoulder on the spindle, requires a 19 mm AF hexagon nut (SW 19) with 1/2"-20 UNF female thread.	627601000*

Flexible shaft

	Order no.
 **Flexible shaft** ■ Suitable for speeds of 2,000 to 5,000 rpm Length: 1.2 m Driving shaft Ø: 6 mm Collet bore: 6 mm Weight: 0.8 kg	627608000*

Clamping stand

	Order no.
 **Clamping stand** ■ For safe clamping of drills and impact drills as well as die grinders and the motor of the router when working with flexible shafts. Aperture Ø 43 mm. The clamp (627107000) serves for the secure fixing	627354000*

Clamp

	Order no.
 **Clamp** ■ For the secure fixing on a work table	627107000*

*Self-service packaging

Drill Stands

Drill stand

	Order no.
 **Drill stand 890** ■ The design of the feed mechanism enables the maximum drilling depth of 65 mm to be achieved with a swivelling motion ■ Asymmetrical arrangement of the column in relation to the base plate enables the processing of larger workpieces ■ Unlimited access to the controls of drill and drill stand by angled cantilever ■ Adjustable depth guide Inner throat: 165 mm Working stroke: 65 mm Height of column: 500 mm Column Ø: 40 mm Aperture: 43 mm Base plate: 220 x 213 mm Weight: 5.5 kg	600890000

Magnetic drill stand

	Order no.
 **Magnetic drill stand M 100** ■ Magnet base with high holding power for safe operation ■ Also suitable, when used in conjunction with the safety chain supplied, for working on vertical, sloping, or overhead surfaces ■ Vertical feed driven by rack and pinion ■ In order to position the tip of the drill bit that is fitted in the drill exactly over the punch mark on the material to be drilled, the upper part of the magnetic drill stand can be swivelled and moved sideways ■ Power socket on the drill stand for connecting the drill directly ■ Adjustable support to back up the stand against the high reacting forces that arise when drilling ■ Graduated collar indicating the depth to which the hole is drilled ■ Can be complemented with the drill B 32/3 to a magnetic drill unit with max. drill diameter 100 mm (with core hole drill). Aperture: 65 mm Depth of feed: 260 mm Maximum height: 650 mm Magnetic force (maximum): 18,000 N Dimensions magnetic base: 110 x 220 mm Weight: 22 kg Scope of delivery: Safety chain, fastening screw G 3/4", offset screwdriver SW5 and SW8, sheet steel carry case.	627100000

Machine Vices

	Jaw dimensions mm	Clamping width mm	Order no.
	80 x 45	86	612003000
	100 x 58	100	612001000

Accessories for Sanding/Grinding and Polishing

		Order no.
	**Rubber backing pad** Dimensions: Ø 125 mm Clamping shaft Ø: 8 mm Sales unit: 1	623259000*
	**Hook and loop polishing sponge** For polishing paintwork Dimensions: Ø 130 mm Sales unit: 1	631222000*

Steel-wire Brushes

	Clamping shaft Ø mm	Outer Ø mm	Version	Order no.
	**Steel-wire wheel brush, stainless steel crimped** ■ For light surface processing and deburring work in all metal processing ■ For processing profiles, weld seams, cutting edges, gear wheels, grooves, narrow surfaces ■ Edging type: crimped stainless steel wire			
	6	75	Crimped	630550000*
	6	100	Crimped	630551000*
	**Steel-wire cup brushes, crimped steel** ■ For light surface processing and deburring work in all metal processing ■ For processing larger areas, weld seams, metal plates			
	6	50	Crimped	626790000*
	6	75	Crimped	630552000*
	**Steel-wire busby-end brush, crimped steel** ■ For light surface processing and deburring work in all metal processing ■ For processing hard to reach spots and inner surfaces			
	6	25	Crimped	630554000*

Accessories for Dust Extraction

		Order no.
	**Vacuum cleaner adapter DDE 14** ■ Vacuum cleaner adapter for extracting drilling dust at the hole entry point ■ Safe and dust-free drilling in walls and ceilings ■ By virtue of the 2-chamber system and the foam rubber gasket it stays attached to almost all (even uneven) surfaces, such as plaster, natural stone and woodchip wallpaper. Minimal drill dust residue at walls and wallpapers. ■ The adapter is put on the existing suction hose. The negative pressure of the vacuum cleaner keeps the adapter to the respective subsurface. Drill Ø: 4 - 14 mm	630829000*
	**Vacuum cleaner adapter DDE 72** ■ Vacuum cleaner adapter for extracting drilling dust at the hole entry point ■ Safe and dust-free drilling in walls and ceilings ■ By virtue of the 2-chamber system and the foam rubber gasket it stays attached to almost all (even uneven) surfaces, such as plaster, natural stone and woodchip wallpaper. Minimal drill dust residue at walls and wallpapers. ■ The adapter is put on the existing suction hose. The negative pressure of the vacuum cleaner keeps the adapter to the respective subsurface. Drill Ø: 72 mm	631343000*

Other Accessories for Drills and Impact Drills

		Order no.
	**Side handle** Standard version Aperture Ø: 43 mm	631052000*
	**Side handle, long** Long type, especially suitable for working with tools with high torque; with locking screw to prevent slipping off the tool collar Aperture Ø: 43 mm	631074000*
	**Reducing bush 1/2"-3/8"** ■ for drills and impact drills	630704000

*Self-service packaging

Hammers: Power packs for demanding applications.

Metabo's powerful hammers are always the right choice when it comes to processing hard materials such as stone or concrete. The pneumatic impact mechanism generates high-energy impacts with only minimal extra force required from the user. The high performance hammer action is precisely mounted in a housing made of aluminium alloy, which is resistant even to the hardest mechanical loads. The enormous power combined with user-optimised ergonomics make the Metabo hammers the ideal tools for demanding applications.

VARIO TACHO CONSTAMATIC

Vario Tacho Constamatic (VTC)
Full-wave Electronics
for working at customised speeds, which remain constant under load, to suit various application materials

MARATHON MOTOR

Metabo Marathon-motor
with dust protection for long service life

S-AUTOMATIC MECHANICAL SAFETY CLUTCH

Metabo S-automatic safety clutch
mechanical decoupling of the drive for safe working should the drill stop unexpectedly

RESTART PROTECTION

Restart protection
prevents unintentional start-up after power supply interruption



QUICK

Metabo Quick change chuck
Quick change between SDS Plus hammer chuck and keyless chuck for drilling in wood and metal

High-performance hammer action, precisely mounted in a housing made of aluminium alloy
long-lasting and robust

Perfect ergonomics
thanks to the centre of gravity being near the hand and optimised handle contour

UHEV 2860-2 Quick



Extremely powerful
3.4 Joule single-impact energy / 1,100 Watt



Varied applications
Whether hammer drilling, chiselling or drilling without impact - the new generation of rotary hammers is consequently aimed at the requirements of professionals



Multi hammer with two-speed gearbox
Two drilling speeds for faster drilling progress when drilling without impact, e.g. in porous concrete, perforated brick, wood or metal

Rotary and Chipping Hammers

Which hammer for which application?

Possible feature variations:

4 functions:
- Hammer drilling
- Drilling with 2 speeds
- Chiselling

3 functions:
- Hammer drilling
- Drilling
- Chiselling

2 functions:
- Hammer drilling
- Drilling

2 functions:
- Hammer drilling
- Chiselling

1 function:
- Chiselling

	Hammer drilling in concrete/stone (Ø mm)	Chiselling light	Chiselling heavy	Max. impact energy*	Battery pack voltage / rated input power	Chuck	Constant electronics	MVT anti-vibration	Integrated dust extraction
Cordless Hammers SDS-plus									
 **KHA 18 LTX**	24 mm	■	–	2.2 J	18 V				
 **KHA 18 LTX BL 24 Quick**	24 mm	■	–	2.2 J	18 V	●	●	●	●**
 **KHA 18 LTX BL 24 Quick Set ISA**	24 mm	■	–	2.2 J	18 V	●	●	●	●
 **KHA 36-18 LTX 32**	32 mm	■■■	■	3.1 J	2 x 18 V	●		●	
 **KHA 36 LTX**	32 mm	■■■	■	3.1 J	36 V	●		●	
2-speed Multi Hammers SDS-plus									
 **UHE 2660-2 Quick**	26 mm	■	–	2.8 J	800 W	●			
 **UHEV 2860-2 Quick**	28 mm	■■	■	3.4 J	1,100 W	●	●		

Application: ■ suitable ■■ very suitable ■■■ optimum **Equipment:** ● present

in accordance with EPTA 05/2009
** in combination with ISA 18 LTX 24 (accessory)

	Hammer drilling in concrete/stone (Ø mm)	Chiselling light	Chiselling heavy	Max. single-impact energy*	Rated input power	Chuck	Constant electronics	MVT anti-vibration
Rotary Hammers SDS-plus								
 **BHE 2444**	24 mm	–	–	2.3 J	800 W			
 **BHE 2644**	26 mm	–	–	2.3 J	800 W			
Combination Hammers SDS-plus								
 **KHE 2444**	24 mm	■	–	2.3 J	800 W			
 **KHE 2644**	26 mm	■	–	2.3 J	800 W			
 **KHE 2660 Quick**	26 mm	■■	–	3.0 J	850 W	●		
 **KHE 2860 Quick**	28 mm	■■	–	3.2 J	880 W	●		
 **KHE 3251 / KHE 3250**	32 mm	■■■	■	3.1 J	800 W	● / –		●
Combination Hammers SDS-max								
 **KHE 5-40**	40 mm	■■■	■■	7.5 J	1,010 W		●	●
 **KHE 56**	45 mm	■■	■■	8.5 J	1,300 W		●	●
 **KHE 76**	50 mm	■■	■■■	11.9 J	1,500 W		●	●
 **KHE 96**	50 mm	■	■■■	20 J	1,700 W		●	●
Chipping Hammers SDS-max								
 **MHE 5**		■■■	■■	8.6 J	1,300 W		●	●
 **MHE 96**		■	■■■	20 J	1,600 W		●	●

18 V



S-AUTOMATIC MECHANICAL SAFETY CLUTCH

Technical data	Cordless Combination Hammer KHA 18 LTX
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Max. single-impact energy (EPTA)	2.2 J
Maximum impact rate	4,000 /min
Drill-Ø concrete with hammer drills	24 mm
Drill-Ø masonry with core bits	68 mm
Drill Ø steel	13 mm
Drill-Ø soft wood	25 mm
No-load speed	0 - 1,100 /min
Bit retainer	SDS-plus
Weight (including battery pack)	2.9 kg

Scope of delivery

Order no.	600210
Hammer chuck for tools with SDS-plus shank end	■
Rubber-coated side handle	■
Drilling depth guide	■
Carrying strap	■
2 LiHD battery packs (18 V/4.0 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■
Plastic carry case	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Combination hammer with 3 functions: hammer drilling, drilling and chiselling
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly
- LED work light for optimum view of the drilling site
- Battery packs with capacity display for checking the charge status

System components

Accessories → 289 | Battery packs → 72

18 V

NEW





VARIO CONSTAMATIC | MVT | QUICK | BRUSHLESS MOTOR | S-AUTOMATIC MECHANICAL SAFETY CLUTCH

Technical data	Cordless Combination Hammer KHA 18 LTX BL 24 Quick	Cordless Combination Hammer KHA 18 LTX BL 24 Quick Set ISA
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Max. single-impact energy (EPTA)	2.2 J	2.2 J
Maximum impact rate	4,500 /min	4,500 /min
Drill-Ø concrete with hammer drills	24 mm	24 mm
Drill-Ø masonry with core bits	68 mm	68 mm
Drill Ø steel	13 mm	13 mm
Drill-Ø soft wood	25 mm	25 mm
No-load speed	0 - 1,200 /min	0 - 1,200 /min
Bit retainer	SDS-plus	SDS-plus
Weight (including battery pack)	3.7 kg	4.5 kg

Scope of delivery

Order no.	600211660	600211930 [1]
Integrated dust extraction ISA 18 LTX 24		■
Replacement extraction head		■
Hammer chuck for tools with SDS-plus shank end	■	■
Keyless chuck for tools with cylindrical shank	■	■
Rubber-coated side handle	■	■
Drilling depth guide	■	■
2 LiHD battery packs (18 V/5.5 Ah)	■	
LiHD battery pack (18 V/5.5 Ah)		■
LiHD Battery pack (18 V/4.0 Ah)		■
Charger ASC 30-36 V »AIR COOLED«	■	■
Plastic carry case	■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

- Dust-free drilling with compact dust extraction ISA 18 LTX 24 (accessory)

- Dust-free drilling with compact dust extraction ISA 18 LTX 24

- Extremely light and compact cordless hammer with integrated extraction interface
- Maximum drill performance, efficiency and service life thanks to brushless technology and high-performance hammer action
- Combination hammer with 3 functions: hammer drilling, drilling and chiselling
- Metabo VibraTech (MVT): working, also continuously, in a low-fatigue manner whilst protecting the user's health
- Metabo Quick: fast, tool-free chuck for working with SDS-plus and straight shank drill bits
- Vario Constamatic (VTC) Electronics for drilling jobs in materials requiring customised speeds, which remain almost constant under load
- Double safe thanks to electronic and mechanical safety shutdown when the drill stops unexpectedly
- LED work light for optimum view of the drilling site

System components

Accessories → 289, 306 | Battery packs → 72

2x 18 V
36 V





Technical data	Cordless Combination Hammer KHA 36-18 LTX 32	Cordless Combination Hammer KHA 36 LTX
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	36 V
Max. single-impact energy (EPTA)	3.1 J	3.1 J
Maximum impact rate	4,500 /min	4,500 /min
Drill-Ø concrete with hammer drills	32 mm	32 mm
Drill-Ø masonry with core bits	68 mm	68 mm
Drill Ø steel	13 mm	13 mm
Drill-Ø soft wood	30 mm	30 mm
No-load speed	0 - 1,100 /min	0 - 1,100 /min
Bit retainer	SDS-plus	SDS-plus
Weight (including battery pack)	5.8 kg	4.9 kg

Scope of delivery

Order no.	600796	600795 [1]
Hammer chuck for tools with SDS-plus shank end	■	■
Keyless chuck for tools with a straight shank	■	■
Metabo VibraTech (MVT) side handle	■	■
Drilling depth guide	■	■
4 Li-Power Battery packs (18 V/8.0 Ah)	■	
2 Li-Power battery packs (36 V/5.2 Ah)		■
2 Quick chargers ASC Ultra »AIR COOLED«	■	
»AIR COOLED« quick charger ASC Ultra		■
Plastic carry case		■
MetaLoc case	■	

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

- 100% compatibility with the 18 Volt class: powerful 36 Volt operation with two 18 Volt battery packs from Metabo

- Combination hammer with 3 functions: hammer drilling, drilling and chiselling
- Metabo VibraTech (MVT): working, also continuously, in a low-fatigue manner whilst protecting the user's health
- Ergonomic housing shape for chiselling tasks without side handle
- Metabo Quick: fast, tool-free chuck for working with SDS-plus and straight shank drill bits
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly
- Battery packs with capacity display for checking the charge status

System components

Accessories → 289

Battery packs → 72





Technical data	Multi Hammer UHE 2660-2 Quick	Multi Hammer UHEV 2860-2 Quick
Max. single-impact energy (EPTA)	2.8 J	3.4 J
Maximum impact rate	4,200 /min	4,500 /min
Rated input power	800 W	1,100 W
Drill-Ø concrete with hammer drills	26 mm	28 mm
Drill-Ø masonry with core bits	68 mm	68 mm
Drill Ø steel	13 mm/6 mm	13 mm/6 mm
Drill-Ø soft wood	32 mm/28 mm	35 mm/30 mm
No-load speed	0 - 1,050 / 0 - 2,500 /min	0 - 900 / 0 - 2,100 /min
Revolutions at rated load	790/1,860 /min	900/2,100 /min
Bit retainer	SDS-plus	SDS-plus
Collar diameter	50 mm	50 mm
Weight (without mains cable)	3.1 kg	3.3 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600697	600713 [1] [2]
Hammer chuck for tools with SDS-plus shank end	■	■
Keyless chuck for tools with cylindrical shank	■	■
Rubber-coated side handle	■	■
Drilling depth guide	■	■
Plastic carry case	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for work with materials requiring customised speeds, which remain constant under load
- Restart protection: prevents unintentional start-up after power supply interruption

- Multi hammer with 4 functions: hammer drilling, drilling without impact in two speeds and chiselling
- Metabo Quick: quick change between SDS Plus hammer chuck and keyless chuck for drilling in wood and metal
- Thumbwheel for speed preselection and impact rate
- Two-speed gear unit: two drilling speeds for effective drilling in wood and metal
- Metabo Marathon-motor with dust protection for long service life
- High-performance hammer action, precisely mounted in a housing made of aluminium alloy: long-lasting and robust
- Perfect ergonomics thanks to the centre of gravity being near the hand and optimised handle contour
- Bottom switch protected against damage and dust
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly
- Lockable switch for comfortable working in continuous operation
- Cable-protecting ball joint for optimal freedom of motion when working

System components

Accessories → 289









Technical data	Rotary Hammer BHE 2444	Rotary Hammer BHE 2644
Max. single-impact energy (EPTA)	2.3 J	2.3 J
Maximum impact rate	5,400 /min	5,400 /min
Rated input power	800 W	800 W
Drill-Ø concrete with hammer drills	24 mm	26 mm
Drill-Ø masonry with core bits	68 mm	68 mm
Drill Ø steel	13 mm	13 mm
Drill-Ø soft wood	30 mm	30 mm
No-load speed	0 - 1,230 /min	0 - 1,150 /min
Revolutions at rated load	880 /min	960 /min
Bit retainer	SDS-plus	SDS-plus
Collar diameter	43 mm	43 mm
Weight (without mains cable)	2.3 kg	2.7 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	606153	606156
Hammer chuck for tools with SDS-plus shank end	■	■
Side handle	■	■
Drilling depth guide	■	■
Plastic carry case	■	■

Product advantages

- Electronic soft start for precise spot-drilling
- High-performance hammer action, precisely mounted in a housing made of aluminium alloy: long-lasting and robust
- Handle with non-slip soft-grip surface

- Rotary hammer with 2 functions: hammer drilling and drilling
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly

System components

Accessories → 289

Technical data	Combination Hammer KHE 2444	Combination Hammer KHE 2644
Max. single-impact energy (EPTA)	2.3 J	2.3 J
Maximum impact rate	5,400 /min	5,400 /min
Rated input power	800 W	800 W
Drill-Ø concrete with hammer drills	24 mm	26 mm
Drill-Ø masonry with core bits	68 mm	68 mm
Drill Ø steel	13 mm	13 mm
Drill-Ø soft wood	30 mm	30 mm
No-load speed	0 - 1,230 /min	0 - 1,150 /min
Revolutions at rated load	880 /min	960 /min
Bit retainer	SDS-plus	SDS-plus
Collar diameter	43 mm	43 mm
Weight (without mains cable)	2.4 kg	2.9 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	606154 [1]	606157 [2]
Hammer chuck for tools with SDS-plus shank end	■	■
Side handle	■	■
Drilling depth guide	■	■
Plastic carry case	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Electronic soft start for precise spot-drilling
- High-performance hammer action, precisely mounted in a housing made of aluminium alloy: long-lasting and robust

- Combination hammer with 3 functions: hammer drilling, drilling and chiselling
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly
- Lockable switch for comfortable working in continuous operation

System components

Accessories → 289





Technical data	Combination Hammer KHE 2660 Quick	Combination Hammer KHE 2860 Quick
Max. single-impact energy (EPTA)	3 J	3.2 J
Maximum impact rate	4,300 /min	4,400 /min
Rated input power	850 W	880 W
Drill-Ø concrete with hammer drills	26 mm	28 mm
Drill-Ø masonry with core bits	68 mm	68 mm
Drill Ø steel	13 mm	13 mm
Drill-Ø soft wood	32 mm	32 mm
No-load speed	0 - 1,100 /min	0 - 1,150 /min
Revolutions at rated load	830 /min	870 /min
Bit retainer	SDS-plus	SDS-plus
Collar diameter	50 mm	50 mm
Weight (without mains cable)	3.1 kg	3.1 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600663 [2]	600878 [1]
Hammer chuck for tools with SDS-plus shank end	■	■
Keyless chuck for tools with a straight shank	■	■
Rubber-coated side handle	■	■
Drilling depth guide	■	■
Plastic carry case	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Combination hammer with 3 functions: hammer drilling, drilling and chiselling
- Metabo Quick: quick change between SDS Plus hammer chuck and keyless chuck for drilling in wood and metal
- Perfect ergonomics thanks to the centre of gravity being near the hand and optimised handle contour
- Bottom switch protected against damage and dust
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Metabo Marathon-motor with dust protection for long service life
- High-performance hammer action, precisely mounted in a housing made of aluminium alloy: long-lasting and robust
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly
- Lockable switch for comfortable working in continuous operation
- Cable-protecting ball joint for optimal freedom of motion when working

System components

Accessories → 289





Technical data	Combination Hammer KHE 3250	Combination Hammer KHE 3251
Max. single-impact energy (EPTA)	3.1 J	3.1 J
Maximum impact rate	4,470 /min	4,470 /min
Rated input power	800 W	800 W
Drill-Ø concrete with hammer drills	32 mm	32 mm
Drill-Ø masonry with core bits	82 mm	82 mm
Drill Ø steel	13 mm	13 mm
Drill-Ø soft wood	35 mm	35 mm
No-load speed	0 - 1,150 /min	0 - 1,150 /min
Revolutions at rated load	920 /min	920 /min
Bit retainer	SDS-plus	SDS-plus
Collar diameter	50 mm	50 mm
Weight (without mains cable)	3.4 kg	3.6 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600637 [1]	600659 [1] [2]
Hammer chuck for tools with SDS-plus shank end	■	■
Keyless chuck for tools with a straight shank		■
Metabo VibraTech (MVT) side handle	■	■
Drilling depth guide	■	■
Plastic carry case	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Metabo Quick: quick change between SDS Plus hammer chuck and keyless chuck for drilling in wood and metal

- Combination hammer with 3 functions: hammer drilling, drilling and chiselling
- Metabo VibraTech (MVT): integrated damping system and side handle to reduce vibrations in order to protect the user's health
- Ergonomic housing shape for chiselling tasks without side handle
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Metabo Marathon-motor with dust protection for long service life
- High-performance hammer action, precisely mounted in a housing made of aluminium alloy: long-lasting and robust
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly
- Cable-protecting ball joint for optimal freedom of motion when working

System components

Accessories → 289





Technical data	Combination Hammer KHE 5-40	Combination Hammer KHE 56
Max. single-impact energy (EPTA)	7.5 J	8.5 J
Maximum impact rate	3,200 /min	2,840 /min
Rated input power	1,010 W	1,300 W
Drill-Ø concrete with hammer drills	40 mm	45 mm
Drill-Ø concrete with core bits	90 mm	100 mm
No-load speed	200 - 350 /min	0 - 300 /min
Bit retainer	SDS-max	SDS-max
Collar diameter	60 mm	66 mm
Weight (without mains cable)	6.2 kg	6.7 kg
Cable length	4 m	6 m
Scope of delivery		
Order no.	**600687** [1] [2]	**600340** [1] [2]
Metabo VibraTech (MVT) side handle	■	■
Drilling depth guide	■	■
Lubricant for tool shank end	■	■
Duster	■	■
Plastic carry case	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Metabo VibraTech (MVT): integrated damping system and side handle to reduce vibrations in order to protect the user's health
- Thumbwheel for speed preselection and impact rate
- Wear Indication for Carbon Brush

- Metabo VibraTech (MVT): integrated damping system to reduce vibrations in order to protect the user's health
- Optional 30% impact reduction setting for working with more pliable materials
- Service display, e.g. to indicate when the carbon brush needs to be replaced, and an LED indicating mains voltage
- Lockable switch for comfortable working in continuous operation

- Combination hammer with 2 functions: hammer drilling and chiselling
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for work with materials requiring customised speeds, which remain constant under load
- Electronic soft start for precise spot-drilling
- Optimum heat dissipation and low weight thanks to die cast magnesium gear housing
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly

System components

Accessories → 296

Combination Hammers SDS-max





Technical data	Combination Hammer KHE 76	Combination Hammer KHE 96
Max. single-impact energy (EPTA)	11.9 J	20 J
Maximum impact rate	2,735 /min	1,950 /min
Rated input power	1,500 W	1,700 W
Drill-Ø concrete with hammer drills	50 mm	50 mm
Drill-Ø concrete with core bits	150 mm	150 mm
No-load speed	0 - 300 /min	125 - 250 /min
Bit retainer	SDS-max	SDS-max
Collar diameter	66 mm	73 mm
Weight (without mains cable)	8.4 kg	11.8 kg
Cable length	6 m	6 m
Scope of delivery		
Order no.	**600341** [1] [2]	**600596** [1] [2]
Metabo VibraTech (MVT) side handle	■	■
Lubricant for tool shank end	■	■
Duster	■	■
Plastic carry case	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Metabo VibraTech (MVT) vibration absorber: the spring-mounted anti-vibration mass reduces vibrations by more than 30%
- Optional 30% impact reduction setting for working with more pliable materials
- Optimum heat dissipation and low weight thanks to die cast magnesium gear housing
- Service display, e.g. to indicate when the carbon brush needs to be replaced, and an LED indicating mains voltage
- Metabo VibraTech (MVT) side handle for vibration damping to protect the user's health

- Metabo VibraTech (MVT): integrated damping system to reduce vibrations in order to protect the user's health
- Thumbwheel for speed preselection and impact rate
- Wear Indication for Carbon Brush

- Combination hammer with 2 functions: hammer drilling and chiselling
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for work with materials requiring customised speeds, which remain constant under load
- Electronic soft start for precise spot-drilling
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the drill stop unexpectedly
- Lockable switch for comfortable working in continuous operation

System components

Accessories → 296





Technical data	Chipping Hammer MHE 5	Chipping Hammer MHE 96
Max. single-impact energy (EPTA)	8.6 J	20 J
Maximum impact rate	3,000 /min	1,950 /min
Rated input power	1,300 W	1,600 W
Bit retainer	SDS-max	SDS-max
Weight (without mains cable)	6.6 kg	11 kg
Cable length	4 m	6 m
Scope of delivery		
Order no.	**600688** [1] [2]	**600396** [1] [2]
Front handle	■	■
Lubricant for tool shank end	■	■
Duster	■	■
Plastic carry case	■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Optimum heat dissipation and low weight thanks to die cast magnesium gear housing
- Service display, e.g. to indicate when the carbon brush needs to be replaced, and an LED indicating mains voltage
- Long design for an upright, back-friendly working position when performing ground work
- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Wear Indication for Carbon Brush
- Metabo VibraTech (MVT): integrated damping system to reduce vibrations in order to protect the user's health
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for work with materials requiring customised speeds, which remain constant under load
- Thumbwheel for preselection of impact rate
- Electronic soft start for smooth start-up
- Lockable switch for comfortable chiselling in continuous operation
- The adjustable front handle can be rotated 360° and the angle adjusted for an optimum working position

System components

Accessories → 300

SDS-MAX/SDS-PLUS: Quality classes

Metabo offers you three quality classes for drill bits and chisels: From simple applications, where a solid, robust quality drill bit is required, and applications with high demands, to extreme applications with highest demands for the tool used. This means: We have the right drill bit or chisel for you for any application.

»Classic«

Solid, robust and reliable. These characteristics perfectly describe »Classic« tools. »Classic« hammer drill bits have a carbide tip and a good tool life. The chisels of this class are characterised by high material quality and good material removal. They always provide good service for all standard applications.



»Professional« / »Pro 4«

»Professional«, is, when it comes to drillers, in short "Pro4". Drill bits and chisels in this class are of particularly high quality and have a long service life. Special hardened steel and special surface handling guarantee long tool life and fast progress when drilling and chiselling. For users with high demands, who want more than the usual.



»Professional Premium« / »Pro 4 Premium«

This is the pinnacle of accessories. It offers the maximum of features a wool can offer. These products have innovative features that achieve excellent work results even for demanding applications. »Professional Premium« chisels are self-sharpening for maximum breaking performance and longest tool life. »Pro 4 Premium« drill bits with 4 cutting edges in 4x90° geometry do not stop even when hitting reinforced concrete. For users with high demands for tools and machines.



SDS-plus Hammer Drill Bits



SDS-plus »Pro 4«: progress extremely fast

The special cutting geometry on the chisel-shaped bit head made of high quality carbide ensures quick penetration even into the toughest concrete and in granite.

- **Highest drill speed** thanks to reduction in friction and improved impact transmission
- 2-spiral **helix with its large geometry with reinforced core (KVS).** The narrower cutting width geometry at the front edge and the reinforced relief and core at the rear additionally reduce friction whilst ensuring high resistance to breakage at the same time



- The **special cutting geometry** on the chisel-shaped drill head ensures deep penetration in hardest concrete and granite
- **Stable and durable centering point** for high-precision spot-drilling, no running across smooth surfaces



- **Power breakers** cause micro tears in the material for a noticeable quicker drill progress





SDS-plus »Pro 4 Premium«: break-proof and durable

The combination of an intelligent, innovative geometry with uncompromising quality right down to the last detail can be seen by the high level of durability, precise drilled holes and the extraordinarily quiet operation even under the toughest of conditions.

- Innovative, unique, full carbide cutting geometry **in optimum 4x90° symmetry** prevents catching when you come across reinforcements and ensures round holes
- **Power breakers** cause micro tears in the material for a noticeable quicker drill progress



- **up to Ø 10 mm: full carbide head** for even higher drill speed and longer service life





- **Ø 12-16 mm: single-piece carbide element** centering point for simple, accurate drilling



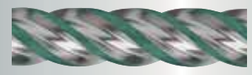


- **Ø from 18 mm: three-piece carbide element** centering point and wear marking on both sides of the main plate for simple, precise piloting and the evaluation of measured dowel holes





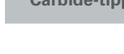
- **Low-vibration drilling with 4-spiral helix.** 2 large volume helixes remove the bore dust quickly and reliably from the drill hole, two reinforced spirals ensure additional safety and stability.



Carbide-tipped hammer drill bits, SDS plus »Classic«, 2 cutting edges



- SDS-plus drill bit with high-quality carbide drill tip
- Dynamic, chisel-shaped bit head
- Large-volume S-spiral geometry ensures quick drill dust removal
- Good drilling output with good tool life
- For use in concrete, masonry, natural stone

	Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
	5	50	110	1	626172000*
	5	100	160	1	626173000*
	6	50	110	1	626174000*
	6	100	160	1	626175000*
	6	150	210	1	626176000*
	6	200	260	1	626177000*
	6	250	310	1	626178000*
	7	50	110	1	626179000*
	7	100	160	1	626180000*
	8	50	110	1	626181000*
	8	100	160	1	626182000*
	8	150	210	1	626183000*
	8	200	260	1	626184000*
	10	50	110	1	626185000*
	10	100	160	1	626186000*
	10	150	210	1	626187000*
	10	200	260	1	626188000*
	10	250	310	1	626189000*
	10	400	450	1	626190000*
	12	100	160	1	626191000*
	12	150	210	1	626192000*
	12	200	260	1	626193000*
	12	250	310	1	626194000*
	12	400	450	1	626195000*
	14	100	160	1	626196000*
	14	150	210	1	626197000*
	14	250	310	1	626198000*
	14	400	450	1	626199000*
	**SDS-plus Classic drill bit set, 5 pieces** in plastic storage case Ø 5, 6, 6, 8, 10 mm, L=160 mm				626243000*
	SDS-plus Classic drill bit set, 7 pieces in metal case Ø 5, 6, 6, 8, 10 mm, L=160 mm / Ø 6, 8, 10, 12 mm, L=160				626244000*

Carbide-tipped hammer drill bit, SDS-plus »Pro 4«, 2 cutting edges



- Highest drill speed thanks to reduction in friction and improved impact transmission thanks to the special cutting geometry on the chisel-shaped drill head.
- Stable and durable centering point for high-precision spot-drilling
- Power breakers cause micro tears in the material for a noticeable quicker drill progress
- The probability of snagging on concrete reinforcements is significantly reduced thanks to enlarged armouring phases.
- The 2-spiral helix with its helical geometry with reinforced core ensures quick delivery of bore dust and maximum breakage resistance
- For use in concrete, masonry, natural stone, granite

Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
4	50	110	1	631780000*
5	50	110	1	631820000*
5	100	160	1	631821000*
5	150	210	1	631864000*
5	200	260	1	625256000*
5	250	310	1	625257000*
5	310	360	1	625258000*

*Self-service packaging

Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
5	400	460	1	625259000*
5.5	50	110	1	631822000*
5.5	100	160	1	631823000*
5.5	200	260	1	625249000*
5.5	250	310	1	625250000*
6	50	110	1	631824000*
6	100	160	1	631825000*
6	150	210	1	631826000*
6	200	260	1	631866000*
6.5	50	110	1	631827000*
6.5	100	160	1	631828000*
6.5	150	210	1	631879000*
6.5	200	260	1	631876000*
6.5	250	310	1	631868000*
6.5	350	400	1	631785000*
7	50	110	1	631829000*
7	100	160	1	631830000*
7	150	210	1	631831000*
8	50	110	1	631832000*
8	100	160	1	631833000*
8	150	210	1	631834000*
8	200	260	1	631835000*
8	250	310	1	625229000*
8	340	400	1	625251000*
8	400	460	1	631788000*
8	540	600	1	631789000*
9	150	210	1	631836000*
9.5	250	310	1	625253000*
10	50	110	1	631837000*
10	100	160	1	631838000*
10	150	210	1	631839000*
10	200	260	1	631840000*
10	250	310	1	631841000*
10	390	450	1	630519000*
10	540	600	1	631793000*
10	940	1,000	1	631794000*
11	110	160	1	631842000*
11	210	260	1	631843000*
12	110	160	1	631844000*
12	160	210	1	631845000*
12	210	260	1	631846000*
12	310	360	1	625254000*
12	400	450	1	630526000*
12	550	600	1	630527000*
12	950	1,000	1	631797000*
13	110	160	1	631847000*
13	210	260	1	631848000*
14	110	160	1	631849000*
14	160	210	1	631850000*
14	210	260	1	631851000*
14	260	310	1	631852000*
14	400	450	1	631801000*
14	550	600	1	630528000*
14	950	1,000	1	631802000*
15	210	260	1	631853000*
15	410	450	1	631803000*
16	110	160	1	631854000*
16	160	210	1	631855000*
16	210	260	1	625255000*
16	260	310	1	631856000*
16	400	450	1	630531000*
16	550	600	1	630532000*
16	750	800	1	631804000*
16	950	1,000	1	631805000*

Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
18	150	200	1	630533000*
18	250	300	1	631806000*
18	400	450	1	630589000*
18	550	600	1	631807000*
18	950	1,000	1	631808000*
20	150	200	1	630536000*
20	250	300	1	630590000*
20	400	450	1	630537000*
20	550	600	1	631809000*
20	950	1,000	1	631810000*
22	200	250	1	630538000*
22	400	450	1	630539000*
22	550	600	1	631811000*
22	950	1,000	1	631812000*
24	200	250	1	630540000*
24	400	450	1	630541000*
25	200	250	1	631814000*
25	400	450	1	630549000*
25	550	600	1	631815000*
25	950	1,000	1	631816000*
26	200	250	1	630542000*
26	400	450	1	630548000*
4	50	110	10	625230000
5	50	110	10	625231000
5	100	160	10	625232000
6	50	110	10	625233000
6	100	160	10	625234000
6	150	210	10	625235000
8	50	110	10	625236000
8	100	160	10	625237000
8	150	210	10	625238000
10	50	110	10	625239000
10	100	160	10	625240000
10	150	210	10	625241000
10	200	260	10	625242000
12	110	160	10	625243000
12	160	210	10	625244000
12	210	260	10	625245000
14	110	160	10	625246000
14	160	210	10	625247000
14	210	260	10	625248000

	**SDS-plus Pro 4 drill bit set, 4 pieces** in plastic storage case Ø 5, 6 mm, L = 50/110 mm; Ø 8.10 mm, L = 110/160 mm	630580000*
	**SDS-plus Pro 4 drill bit set, 5 pieces** in plastic storage case Ø 5, 6, 6, 8, 10 mm, L = 160 mm	630581000*
	**SDS-plus Pro 4 drill bit set, 7 pieces** in metal case Ø 5, 6, 6, 8, 8, 10, 12 mm, L = 110/160 mm	630584000*
	**SDS-plus drill bit / chisel set , 5 pieces** comprises each 1 hammer drill bit Ø 6, 8, 10 mm, 1 pointed chisel and 1 flat chisel	630477000*
	**SDS-plus Pro 4 drill bits / chisel roll-up case, 10 pieces, set** in roll-up case 2 x each: Ø 6 x 160; Ø 8 x 160; je 1 x: Ø 8 x 210; Ø 10 x 160; Ø 10 x 210; Ø 12 x 210 mm 1 x pointed chisel (L 200 mm), 1 x flat chisel (20 x 200 mm), incl. 1 x multi-tool	631690000
	**SDS-plus Pro 4 drill bit set, 8 pieces** in roll-up case 2 x each: Ø 6 x 160; Ø 8 x 160; je 1 x: Ø 8 x 210; Ø 10 x 160; Ø 10 x 210; Ø 12 x 210 mm	631715000

*Self-service packaging

Carbide-tipped hammer drill bits (ice drill) with SDS-plus shank end, 2 cutting edges



- For use in ice and snow
- Suitable for easy installation of slalom posts.
- Special helix for ice and snow.

	Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
	32	400	450	1	630579000*

Carbide-tipped hammer drill bits, SDS-plus »Pro 4 Premium«, 4 cutting edges



NEW

- Intelligent geometry with its uncompromised quality of detail ensures a long service life, precise drill holes and maximum quiet running - even on the toughest loads.
- Highest level of safety thanks to the optimum symmetrical head geometry with 4 full carbide cutters, which do not catch when encountering reinforcing.
- Up to Ø 10 mm: with innovative, welded full carbide head for maximum tool life and larger dust outputs for highest drill speed
- Power breakers cause micro tears in the material for a noticeable quicker drill progress
- Low-vibration drilling with 4-spiral helix. 2 large volume helixes remove the bore dust quickly and reliably from the drill hole, two reinforced spirals ensure additional safety and stability.
- Extremely resistant to breakage thanks to high-grade special steel
- Very long tool life for up to 50% more dowel-compatible circular bores
- For professional use in the hardest natural stones, concrete, masonry.

	Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
	5	50	115	1	626200000*
	5	100	165	1	626201000*
	5	150	215	1	626241000*
	5.5	50	115	1	626202000*
	5.5	100	165	1	626203000*
	6	50	115	1	626204000*
	6	100	165	1	626205000*
	6	150	215	1	626206000*
	6	200	265	1	626207000*
	6	250	315	1	626208000*
	6.5	100	165	1	626209000*
	6.5	150	215	1	626210000*
	6.5	200	265	1	626211000*
	6.5	250	315	1	626212000*
	7	50	115	1	626213000*
	7	100	165	1	626214000*
	8	50	115	1	626215000*
	8	100	165	1	626216000*
	8	150	215	1	626217000*
	8	200	265	1	626218000*
	8	250	315	1	626237000*
	8	400	465	1	626240000*
	10	50	115	1	626219000*
	10	100	165	1	626220000*
	10	150	215	1	626221000*
	10	200	265	1	626222000*
	10	250	315	1	626223000*
	10	390	455	1	626224000*
	10	540	605	1	626117000*
	12	110	160	1	626225000*
	12	160	210	1	626226000*
	12	210	260	1	626227000*
	12	260	310	1	626228000*
	12	400	450	1	626229000*
	12	550	600	1	626118000*
	13	260	310	1	626124000*
	14	110	160	1	626230000*

	Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
	14	160	210	1	626231000*
	14	210	260	1	626119000*
	14	260	310	1	626232000*
	14	400	450	1	626233000*
	14	550	600	1	626120000*
	15	160	210	1	626248000*
	15	210	260	1	626121000*
	16	110	160	1	626234000*
	16	160	210	1	626235000*
	16	210	260	1	626238000*
	16	260	310	1	626236000*
	16	400	450	1	626239000*
	18	200	250	1	631703000*
	18	400	450	1	631704000*
	20	200	250	1	631705000*
	20	400	450	1	631706000*
	22	200	250	1	626122000*
	22	400	450	1	631707000*
	24	200	250	1	631708000*
	24	400	450	1	631709000*
	25	200	250	1	626123000*
	25	400	450	1	631710000*
	28	400	450	1	631711000*
	30	400	450	1	631712000*
	32	400	450	1	631713000*
	6	100	165	5	628231000*
	5	50	115	10	626268000*
	5	110	165	10	626269000*
	6	50	115	10	626270000*
	6	110	165	10	626271000*
	6	160	215	10	626272000*
	8	110	165	10	626273000*
	8	160	215	10	626274000*
	10	110	165	10	626275000*
	10	160	215	10	626276000*
	12	110	160	10	626277000*
	12	160	210	10	626278000*
	12	190	260	10	626249000*
	**SDS-plus Pro 4 Premium drill bit set, 7 pieces** in robust plastic storage case Ø 5 x 115 mm; 6 x 115 mm; 8 x 115 mm; 6 x 165 mm; 8 x 165 mm; 10 x 165 mm; 12 x 160 mm				626245000*
	**SDS-plus Pro 4 Premium drill bit set, 7 pieces** Ø 5 x 160 mm; 6 x 210 mm; 6.5 x 210 mm; 6.5 x 260 mm; 8 x 260 mm; 10 x 260 mm; 12 x 260 mm				626246000*

Side handles

		Order no.
	**Metabo VibraTech (MVT) side handle** ■ Suitable for UHE 28 Plus, KHE 28 Plus	631595000

*Self-service packaging

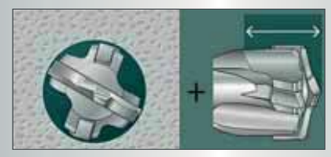
SDS-max »Pro 4«: Extremely fast in concrete and armoured concrete



- **Unrivalled destructive force** thanks to extremely robust and aggressive solid carbide S-blade
- Short head with **large-volume dust channels** for smooth transport of the drill dust, minimum generation of heat for constantly **long service life**



- Inclined auxiliary cutting edges for aggressive drilling progress with **highest drilling speed**



- **Drill-active centering point** for precise spot-drilling and optimum guidance when drilling in concrete and armoured concrete
- **Innovative wear indication** as indicator for dimensional conformance and precise drilling hole diameter
- **Vibration Control** – ideal for the hardest applications on the construction site

Carbide-tipped hammer drill bits, SDS-max »Pro 4«, 2 cutting edges



- The slim, chisel-shaped bit head enables fast penetration into the selected material.
- Short spiral inlets and large boring dust grooves in the optimised double delivery helix ensure quick boring dust discharge.
- The continuous core reinforcement ensures stability and durability. It enables maximum energy transmission from rotary hammer to drill tip.
- For use in concrete, masonry, natural stone

Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
12	200	340	1	623310000*
12	400	540	1	623311000*
12	600	740	1	623312000*
14	200	340	1	623313000*
14	400	540	1	623314000*
15	200	340	1	623315000*
15	400	540	1	623316000

Carbide-tipped hammer drill bits, SDS-max »Pro 4«, 4 cutting edges



- Unrivalled destructive force: Extremely robust and aggressive solid carbide S-blade
- Constant high lifetime: Short head with large-volume dust channels for smooth transport of the drill dust, minimum generation of heat
- Highest drilling speed: Inclined auxiliary cutting edges for aggressive drill progress
- Optimum centring: Drill-active centering point for optimum guidance when drilling in concrete and armoured concrete
- Precise drilling hole diameters: innovative wear indication (indicator for dimensional conformance)
- Vibration Control: optimised vibration values - ideal for the hardest applications on the construction site
- For use in concrete, masonry, natural stone

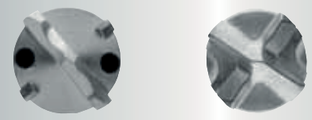
Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
16	200	340	1	623317000*
16	400	540	1	623318000*
18	200	340	1	623319000*
18	400	540	1	623320000*
20	200	320	1	623321000*
20	400	520	1	623322000*
20	800	920	1	623323000*
22	200	320	1	623324000*
22	400	520	1	623325000*
22	800	920	1	623326000*
24	200	320	1	623327000*
24	400	520	1	623328000*
25	200	320	1	623329000*
25	400	520	1	623330000*
25	800	920	1	623331000*
28	400	520	1	623333000*
28	600	720	1	623334000*
30	400	520	1	623339000*
32	200	320	1	623340000*
32	400	520	1	623341000*
32	800	920	1	623342000*
35	400	520	1	623344000*
35	600	720	1	623345000*
38	400	520	1	623347000*
40	400	520	1	623349000*
40	600	720	1	623350000*
45	400	520	1	623337000*
52	400	520	1	623338000*

*Self-service packaging

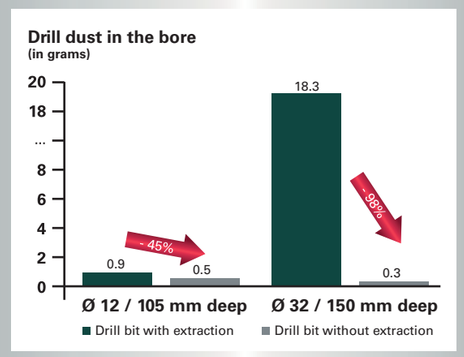
SDS-plus / SDS-max Dust Extraction Drill Bits



- **Drilling and cleaning in one work step** reduces the dust exposure and reworking
- **Greatest reinforcement compatibility**, no sagging or clogging thanks to 4-blade-geometry with extra large dust outlets
- **Noticeably fast drilling progress** thanks to optimal drill dust removal
- **Innovative head design** with greatest concentricity for precise dowel holes



- **Active drill bit cooling** for long service life
- **Dust-free drilling** for compliance with legal provisions on user safety. Up to 98% less dust in the bore
- **Universal vacuum cleaner adapter** fits all standard industrial M-class and H-class vacuum cleaners



Kindly observe the installation instructions of the manufacturer when using the chemical installations

SDS-plus and SDS-max Dust Extraction Drill Bits

Carbide dust extraction drill bits, SDS-plus

	Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
 NEW	■ Drilling and cleaning in one work step reduces dust exposure and reworking ■ Greatest reinforcement compatibility, no sagging or clogging thanks to 4-blade-geometry with extra large dust outlets ■ Noticeably fast drilling progress thanks to optimal drill dust removal ■ Innovative head design with greatest concentricity for precise dowel holes ■ Active drill bit cooling for long service life ■ Dust-free drilling for compliance with legal provisions on user safety. Up to 98% less dust in the bore ■ Universal vacuum cleaner adapter fits all standard industrial M and H class vacuum cleaners Kindly observe the installation instructions of the manufacturer when using the chemical installations				
	12	200	325	1	626902000*
	14	240	360	1	626903000*
	16	240	360	1	626904000*
	18	240	360	1	626905000*

Carbide dust extraction drill bits, SDS-max

	Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
NEW	■ Drilling and cleaning in one work step reduces dust exposure and reworking ■ Greatest reinforcement compatibility, no sagging or clogging thanks to 4-blade-geometry with extra large dust outlets ■ Noticeably fast drilling progress thanks to optimal drill dust removal ■ Innovative head design with greatest concentricity for precise dowel holes ■ Active drill bit cooling for long service life ■ Dust-free drilling for compliance with legal provisions on user safety. Up to 98% less dust in the bore ■ Universal vacuum cleaner adapter fits all standard industrial M and H class vacuum cleaners Kindly observe the installation instructions of the manufacturer when using the chemical installations				
	16	400	600	1	626911000*
	18	400	600	1	626912000*
	20	400	600	1	626913000*
	22	400	600	1	626914000*
	24	400	600	1	626915000*
	25	400	600	1	626916000*
	28	400	600	1	626917000*
	28	700	900	1	626918000*
	30	400	600	1	626919000*
	30	700	900	1	626920000*
	32	400	600	1	626921000*
	32	700	900	1	626922000*
	35	400	600	1	626923000*
	35	700	900	1	626924000*

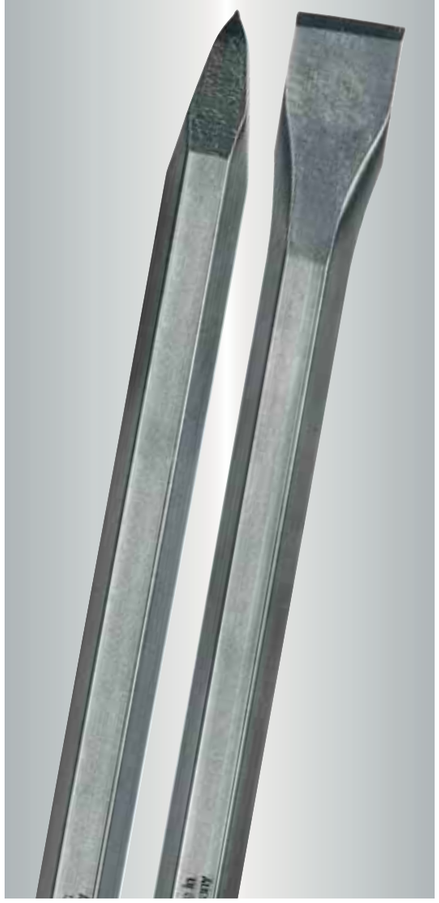
*Self-service packaging

Chisels SDS-plus / SDS-max

Chisels »professional«

Longest service life and versatility

- Use of high-grade heat-treated steel
- Special processing and hardening procedure, also suitable for re-sharpening
- Extensive range with chisels for many special applications such as channel chisels or stake drivers



Chisels »professional premium«

Maximum service life and material removal

- Self-sharpening cutting for highest breaking performance
- Maximum removal thanks to efficient impact transmission and additional cutters
- The innovative head shape reliably prevents wedging
- Special hardened steel and special surface handling ensure longest tool life and productive operation.



Chisels, SDS-plus »classic«

- Robust, hardened tools with high material quality
- Good cutting output with good tool life

	Chisel shape	Overall length mm	Cutting width	Sales unit	Order no.
	Pointed Chisel	250		1	628406000*
	Flat Chisel	250	20	1	628407000*
	Scaling Chisel	250	40	1	628408000*

Chisels, SDS-plus »professional«

- Special hardened steel and special surface treatment ensure a long tool life and productive operation
- For use in concrete, masonry, natural stone

	Chisel shape	Overall length mm	Cutting width	Sales unit	Order no.
	Pointed chisel, round tip	250		1	630992000*
	Pointed chisel, square tip	250		1	631421000*
	Pointed chisel, square tip	250		10	631387000
	Flat Chisel	250	20	1	631420000*
	Flat Chisel	250	20	10	631388000
	Scaling Chisel	250	40	1	631425000*
	Tile chisel, offset	165	75	1	631449000*
	Tile chisel, offset	250	40	1	631456000*
	Chasing Gouge	250	22	1	631422000*
	Mortar chisel, carbide-tipped	200		1	631424000*
	SDS-plus chisel set , 3 pieces comprising each 1 pointed chisel, 1 flat chisel and 1 scaling chisel				630478000
	SDS-plus chisel set , 5 pieces comprising each 2 pointed chisels, 2 flat chisels and 1 scaling chisel				630484000

Chisels, SDS-plus »professional premium«

NEW

- Self-sharpening cutting for highest breaking performance
- Maximum removal thanks to efficient impact transmission and additional cutters
- The innovative head shape reliably prevents wedging
- Special hardened steel and special surface handling ensure longest tool life and productive operation.

	Chisel shape	Overall length mm	Cutting width	Sales unit	Order no.
	Pointed Chisel	250		1	629178000*
	Flat Chisel	250	20	1	629179000*

*Self-service packaging

Chisels, SDS-max »classic«

- Robust, hardened tools with high material quality
- Good cutting output with good tool life

	Chisel shape	Overall length mm	Cutting width	Sales unit	Order no.
	Pointed Chisel	400		1	628409000*
	Flat Chisel	400	25	1	628410000*
	Sealing Chisel	400	50	1	628411000*

Chisels, SDS-max »professional«

- Special hardened steel and special surface handling ensure long tool life and productive operation.

	Chisel shape	Overall length mm	Cutting width	Sales unit	Order no.
	Pointed chisel, round tip	280		1	623351000*
	Pointed chisel, round tip	400		1	623352000*
	Pointed chisel, round tip	400		10	623463000
	Pointed chisel, round tip	600		1	623358000*
	Flat Chisel	280	25	1	623353000*
	Flat Chisel	400	25	1	623354000*
	Flat Chisel	400	25	10	623464000
	Flat Chisel	600	25	1	623359000*
	Sealing Chisel	400	50	1	623355000*
	Sealing Chisel	300	80	1	623356000*
	Sealing Chisel	350	115	1	623366000*
	Chasing Gouge	300	26	1	623357000*
	Channel Chisel	300	32	1	623365000*
	Tile chisel, offset	400	50	1	623367000*
	Toothed Chisel	300	32	1	623368000*
	Mortar Chisel	300	10	1	623369000
	Spade Chisel	400	110	1	623383000
	Asphalt Cutter	400	90	1	623384000
	Gouge Chisel	380	35	1	623385000
	Stake Driver	260	16.5	1	623386000*
	Stake Driver	260	13	1	623387000*
	SDS-max chisel set, 5 pieces comprising each 2 pointed chisels, 2 flat chisels and 1 scaling chisel				630488000
	SDS-max chisel set, 5 pieces Comprising 3 pointed chisels, 2 flat chisels				630489000

Chisels, SDS-max »professional premium«

- Self-sharpening cutting for highest breaking performance
- Maximum removal thanks to efficient impact transmission and additional cutters
- The innovative head shape reliably prevents wedging
- Special hardened steel and special surface handling ensure longest tool life and productive operation.

NEW

	Chisel shape	Overall length mm	Cutting width	Sales unit	Order no.
	Pointed Chisel	400		1	629180000*
	Flat Chisel	400	25	1	629181000*

SDS-max Concrete Core Cutters

Carbide-tipped concrete core cutters (single piece) with SDS-max shank bit



- Optimised pilot drill with 3 blades for greatest compatibility with reinforcements
- Conically designed shank for optimum power transmission and low-vibration drilling
- 3 large spirals for fast drilling progress and faster dust discharge
- Ideal for drilling into hard materials.

Diameter mm	Overall length mm	Order no.
45	550	623375000*
45	990	623376000*
55	550	623377000*
55	990	623378000*
65	550	623379000*
65	990	623380000*
80	550	623381000*
80	990	623382000*

Core Bits

Carbide core cutters with ratio thread



- Sturdy universal tool for hard work in concrete and other building materials

Diameter mm	Working length mm	Order no.
50	100	623034000*
68	100	623035000*
80	100	623036000*
100	100	623032000*
125	100	623031000*

Carbide pilot drills with ratio thread

		Order no.
	**Pilot drill 12 x 155 mm** ■ For working with the carbide core cutters with ratio thread Diameter: 12 mm	623038000
	**Connector** ■ Connector with ratio female thread and SDS-max shank end, length 195 mm, for the anchor-head holder 623299000 of concrete core cutters and for mounting core bits with the help of the pilot drill 623038000	623370000*

Arbor for carbide concrete core cutters with ratio thread

	Overall length mm	Order no.
	280	623299000*

*Self-service packaging

Carbide core cutters with M 16 female thread



- Optimised with larger carbide teeth for longer tool life. Higher power efficiency due to stable, thin-walled bit body.
- For concrete, masonry, natural stone and limestone

Diameter mm	Working length mm	Order no.
30	55	623391000*
35	55	623392000*
40	55	623393000*
50	55	623394000*
68	55	623395000*
82	55	623396000*
100	55	623398000*
112	55	623399000*

Arbors with M16 male thread

- Set with Allen key for locking the pilot drill 627040000.
- For impact operation with light core cutters
- Also suitable for use with »Pionier« universal hole saws.

		Order no.
	Arbor Shaft type: SDS plus Overall length: 105 mm	627043000*
	Arbor Shaft type: SDS plus Overall length: 220 mm	627042000*
	Arbor Shaft type: SW11 Overall length: 90 mm	627041000*

Pilot drill, carbide-tipped

		Order no.
	Pilot drill ■ For work with the carbide core cutters (M16 female thread) and the universal hole saws »Pionier« (M16 female thread) in combination with one of the arbors Diameter: 8 mm Overall length: 120 mm	627040000*

Diamond Socket Countersink

For general building materials, quality class »professional«



- Ideal for all hard materials, general construction/building site materials such as concrete, exposed aggregate concrete, sand-lime brick, bricks, masonry.
- Segment height: 5.0 mm
- For drilling without impact
- M16 female thread

Diameter mm	Segment height mm	Sales unit	Order no.
68	5	1	628201000
82	5	1	628202000

Accessories for Rotary and Chipping Hammers

For abrasive materials, quality class »professional«



- Best suited for use on soft, abrasive materials such as fresh concrete, sand-lime brick, sandstone.
- Segment height: 5.0 mm
- For drilling without impact
- M16 female thread

Diameter mm	Segment height mm	Sales unit	Order no.
68	5	1	628203000
82	5	1	628204000

Pilot drill, carbide-tipped

		Order no.
	Pilot drill ■ For work with the diamond socket countersinks (M16 female thread) in combination with one of the arbors Diameter: 8 mm Overall length: 130 mm	628207000*

Integral Chucks for Rotary Hammers

Hammer chucks with adapter

		Order no.
	**SDS-plus hammer chuck** ■ For tools with SDS-plus shank end ■ Suitable for UHE 22, UHE 28 Multi, BHE 24, BHE 26, KHE 26 Contact, KHE 28	631920000*
	**SDS-plus hammer chuck** ■ For tools with SDS-plus shank end ■ Suitable for KHE 32	631922000*
	**SDS-plus hammer chuck** ■ For tools with SDS-plus shank end ■ Suitable for: UHE 2250/2650/ KHE 2650/2850/2851	631928000*
	**SDS-plus hammer chuck** ■ For tools with SDS-plus shank end ■ Suitable for UHE 28 Plus, KHE 28 Plus	631931000*
	**SDS-plus hammer chuck** ■ For tools with SDS-plus shank end ■ Suitable for KHE 2660 Quick, UHE 2660-2 Quick, UHEV 2860-2 Quick, KHE 3251, KHA 36 LTX, KHA 36-18 LTX 32, KHA 18 LTX BL 24	631943000*

Chucks with adapter

		Order no.
	**Geared chuck with adapter** ■ For tools with cylindrical shank end ■ Suitable for UHE 22, UHE 28 Multi, BHE 24, BHE 26, KHE 26 Contact, KHE 28 Chuck capacity: 1 - 13 mm	631924000*
	**Keyless chuck with adapter** ■ For tools with cylindrical shank end ■ Suitable for UHE 22, UHE 28 Multi, BHE 24, BHE 26, KHE 26 Contact, KHE 28 Chuck capacity: 1.5 - 13 mm	631921000*
	**Keyless chuck with adapter** ■ For tools with cylindrical shank end ■ Suitable for UHE 28 Plus, KHE 28 Plus Chuck capacity: 1.5 - 13 mm	631930000*
	**Keyless chuck with adapter** ■ For tools with cylindrical shank end ■ Suitable for KHE 32 Chuck capacity: 1 - 13 mm	631923000*

*Self-service packaging

		Order no.
	**Keyless chuck with adapter** ■ For tools with cylindrical shank end ■ Suitable for UHE 2250/2850, KHE 2650/2851 Chuck capacity: 1.5 - 13 mm	631927000*
	**Keyless chuck with adapter** ■ For tools with cylindrical shank end ■ Suitable for KHE 2660 Quick, KHE 2860 Quick, UHE 2660-2 Quick, UHEV 2860-2 Quick, KHE 3251, KHA 36 LTX, KHA 36-18 LTX 32, KHA 18 LTX BL 24 Chuck capacity: 1.5 - 13 mm	631968000*

More accessories

		Order no.
	**Connector** ■ With thread 1/2"-20 UNF. Holder: SDS-plus, 1/2"- 20 UNF	630928000*
	**Connector** ■ With 1/2"-20 UNF thread for chuck and hexagon recess 1/4" (6.35 mm) for screwdriver bits with bit retaining bush Holder: SDS-plus, 1/2"- 20 UNF	631285000*
	**Connector** ■ Connector from SDS-max to SDS-plus to enable use of SDS-plus drill bits/chisels Holder: SDS-max, SDS-plus	623371000*
	**Connector** ■ Connector with ratio female thread and SDS-max shank end, length 195 mm, for the arbor 623299000 of concrete core cutters and for mounting core bits with the help of the pilot drill 623038000 Holder: SDS-max, ratio female thread	623370000*
	**Vacuum cleaner adapter DDE 14** ■ Vacuum cleaner adapter for extracting drilling dust at the hole entry point ■ Safe and dust-free drilling in walls and ceilings ■ By virtue of the 2-chamber system and the foam rubber gasket it stays attached to almost all (even uneven) surfaces, such as plaster, natural stone and woodchip wallpaper. Minimal drill dust residue at walls and wallpapers. ■ The adapter is put on the existing suction hose. The negative pressure of the vacuum cleaner keeps the adapter to the respective subsurface. Drill Ø: 4 - 14 mm	630829000*
	**Vacuum cleaner adapter DDE 72** Features see above Drill Ø: 72 mm	631343000*
	**ISA 18 LTX 24 Integrated Dust Extraction** ■ Extremely light and compact dust extraction for dust-free drilling in concrete, stone and masonry ■ Simple, tool-free installation to the cordless hammer KHA 18 LTX BL 24 Quick ■ Ideal for working overhead or in areas sensible to dust ■ Health-friendly working with HEPA filter for smallest dust particles ■ Precise setting for different drilling depths and drill bit lengths ■ Tool-free replaceable suction head with low-wear brushes ■ 3 Second delay to extract the remaining dust from the drill hole ■ Transparent collection container can be emptied easily, e.g. for 160 bores Ø 6 / 40 mm ■ 100% Drilling performance with active dust extraction thanks to being driven by own motor Drill bit-Ø: 5 - 16 mm Max. drill bit length: 160 mm Rated input power: 65 W Weight: 1.1 kg Scope of delivery: replacement extraction head, Metaloc II	631341840
	**Extraction head set, 2 pieces for ISA 18 LTX** ■ Original suction head for highest suction performance with the ISA 18 LTX	623767000
	**HEPA filter for ISA 18 LTX** ■ HEPA filter for highest health protection ■ Keeps back 99.995% of fine dusts larger than 0.3 µm	623768000
	**Special grease** ■ For shank ends of hammer drill bits, chisels, adapters etc.; prevents friction and wear coefficient; bio-degradable ■ High durability, high resistance to heat, high anti-corrosion properties	631800000

*Self-service packaging

18 V







Technical data	Cordless Drywall Screwdriver SE 18 LTX 2500	Cordless Drywall Screwdriver SE 18 LTX 4000	Cordless Drywall Screwdriver SE 18 LTX 6000
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V	18 V
Bit retainer	Hexagon recess 1/4" (6.35 mm)	Hexagon recess 1/4" (6.35 mm)	Hexagon recess 1/4" (6.35 mm)
Maximum torque - soft	9 Nm	7 Nm	5 Nm
No-load speed	0 - 2,500 /min	0 - 4,000 /min	0 - 6,000 /min
Weight (including battery pack)	1.4 kg	1.3 kg	1.3 kg

Scope of delivery

Order no.	620047	620048	620049
Depth guide	■	■	■
Magnetic bit holder 1/4" (6.35 mm)	■	■	■
Phillips screwdriver bit, size 2/25 mm	■	■	■
Belt hook	■	■	■
2 Li-Power battery packs (18 V/2.0 Ah)	■	■	■
Charger ASC 30-36 V »AIR COOLED«	■	■	■
Plastic carry case	■	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Drywall screwdriver with high torque for fixing of gypsum plasterboards and gypsum fibre boards to wood and metal framework
- Drywall screwdriver for fixing gypsum plasterboards to wood and metal; also suitable for gypsum fibre boards to metal frames
- The specialist for gypsum plasterboards in drywall construction situations: high torque for even faster productivity

- Compact and light design for comfortable one-hand operation
- Precise driving of screws by virtue of finely adjustable depth guide and low-noise claw clutch
- Depth guide can be fully removed for inspection during operation
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Integrated working light to illuminate the contact area
- Handy belt hook, can be fixed either on the right or left side
- Battery packs with capacity display for checking the charge status

System components

Accessories → 310

Battery packs → 72







Technical data	Drywall Screwdriver SE 2500	Drywall Screwdriver SE 4000	Drywall Screwdriver SE 6000
Maximum torque - soft	11 Nm	9 Nm	7 Nm
No-load speed	0 - 2,500 /min	0 - 4,400 /min	0 - 6,200 /min
Rated input power	600 W	600 W	600 W
Output power	275 W	275 W	275 W
Bit retainer	Hexagon recess 1/4" (6.35 mm)	Hexagon recess 1/4" (6.35 mm)	Hexagon recess 1/4" (6.35 mm)
Weight (without mains cable)	1.2 kg	1.1 kg	1.1 kg
Cable length	5 m	5 m	5 m

Scope of delivery

Order no.	620044	620045	620046
Depth guide	■	■	■
Magnetic bit holder 1/4" (6.35 mm)	■	■	■
Phillips screwdriver bit, size 2/25 mm	■	■	■

Product advantages

- Drywall screwdriver with high torque for fixing of gypsum plasterboards and gypsum fibre boards to wood and metal framework
- Drywall screwdriver for fixing gypsum plasterboards to wood and metal; also suitable for gypsum fibre boards to metal frames
- The specialist for gypsum plasterboards in drywall construction situations: high torque for even faster productivity

- Compact and light design for comfortable one-hand operation
- Precise driving of screws by virtue of finely adjustable depth guide and low-noise claw clutch
- Depth guide can be fully removed for inspection during operation
- Variospeed (V) Electronics for working at customised speeds to suit various application materials

System components

Accessories → 310



MARATHON MOTOR



MARATHON MOTOR

Technical data	Screwdriver USE 8	Screwdriver DWSE 6.3
Maximum torque - soft	31 Nm	12 Nm
No-load speed	0 - 900 /min	0 - 2,100 /min
Rated input power	550 W	550 W
Output power	290 W	290 W
Bit retainer	Hexagon recess 1/4" (6.35 mm)	Hexagon recess 1/4" (6.35 mm)
Weight (without mains cable)	2.3 kg	2.1 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	620002	620001
Bit holder with snap ring	■	■
Depth guide sleeve (77 mm long, Ø 18 mm)	■	■
Long side handle	■	

Product advantages

- "High Torque" for driving in large screws
- Optimum speed for processing self-drilling screws

- 10-way adjustable torque
- Metabo Marathon-motor with patented dust protection for long service life
- Two-piece depth guide, can be fully removed for inspection during operation
- Robust depth guide sleeve with front aluminium section
- Finely adjustable penetration depth for different materials
- Forward and reverse rotation
- Quick tool change system
- Low-noise claw clutch made from shot-peened fine quality cast for long service life
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 310

Screwdriver bit assortments

		Order no.
	**Bit-Box Torsion, 10 pieces** Consisting of: Phillips bits, sizes 1, 2, 3 (1 each size) Pozidriv bits, sizes 1, 2, 3 (1 each size) each with one bit for slotted screws 0.8 x 5.5 mm, 1.0 x 5.5 mm and 1.2 x 6.5 mm 1 "rapid in/easy out" bit holder	625390000*
	**Bit box Torx + Pozidriv, 10 pieces** Consisting of: Pozidriv bits, sizes 1, 2, 3 (torsion bits, 1 each size) Torx bits sizes TX 10, 15, 20, 25, 30 and 40 (1 each) 1 "rapid in/easy out" bit holder	625391000*
	**Bit Pack, 3 pieces** Consisting of: Diamond torsion bits, L = 25 mm PZ 2 x 1, TX 20 x 1, TX 25 x 1 BitPack: robust, small and compact, with sufficient space for the most important bits Strong magnetic closure for fast access Belt hook 55 mm wide Dimensions: 85 x 55 x 13 mm	626699000

Screwdriver bit assortments, impact-proof

		Order no.
	**Bit-box impact 29** Consisting of: Pozidriv bits, sizes 2, 3 (torsion bits, 1 each size), 29 mm long Torx bits, sizes TX 15, 20, 25, 30, 40 (torsion bits, 1 each size), 29 mm long 1 Bit holder Ideal for powerful drill/screwdrivers and impact drivers and wrenches	628849000*
	**Bit-box impact 49** Consisting of: Pozidriv bits PZ, sizes 2, 3 (torsion bits, 1 each size), 49 mm long Pozidriv bits TX sizes TX 15, 20, 25, 30, 40 (torsion bits, 1 each size); 49 mm long Ideal for powerful drill/screwdrivers and impact drivers and wrenches	628850000*

Depth stops

	Length mm	Internal Ø mm	Suitable for machine	Order no.
	77	34	USE 8, DWSE 6.3	625354000

Connectors

		Order no.
	**Connector** Connector, 1/4" hexagon shank / 1/4" male square Overall length: 50 mm	630142000
	**Connector** Connector, 1/4" external hexagon E6.3 / 1/2" male square Overall length: 72 mm	628838000*
	**Adapter** Adapter with 1/2" internal square on the machine side and 1/4" internal hexagon for impact-proof tools with 1/4" shank	628836000*

*Self-service packaging

Hexagonal socket wrench inserts 1/4" (6.35 mm) hexagon

- For screwdrivers and impact drivers with 1/4" holder
- Magnetic and impact-proof
- Made from chrome-vanadium steel, matt satin

Holder	Overall length mm	Key width	Order no.
1/4" (6.35 mm) hexagonal shank	65	8 mm	628843000*
1/4" (6.35 mm) hexagonal shank	65	10 mm	628845000*
1/4" (6.35 mm) hexagonal shank	65	13 mm	628847000*

Screw-type angle attachments

- For inserting screws more easily into places difficult to reach
- Gears made of special steel
- Suitable for forward and reverse rotation
- Screw-type angle attachment with 105° inclination

		Order no.
	**Screw-type angle attachment** ■ Suitable for cordless screwdrivers up to a maximum of 14 Nm and a maximum of 400 rpm ■ Width across corners only 30 mm ■ Magnetic bit holder ■ With 1/4" (6.35 mm) hexagonal shank	630442000*
	**Screw-type angle attachment** ■ Screw-type angle attachment for professional use. ■ Suitable for cordless screwdrivers up to a maximum of 57 Nm and a maximum of 2,000 rpm ■ Width across corners only 50 mm ■ Bit holder with quick-action coupling ■ With 1/4" (6.35 mm) hexagonal shank ■ Support handle adjustable to 12 positions with lockable push-button	630463000*
	**Screw-type angle attachment with bit assortment** Features see above Consisting of screw-type angle attachment 6.30463 and 32 piece bit assortment in a practical, sturdy plastic carry case with large viewing panel and additional accessory case Bit assortment comprising: 1x Stainless steel bit holder extension, 150 mm 1 x Phillips Gr. 0, 2x Phillips Gr. 1, 4x Phillips Gr. 2, 1x Phillips Gr. 3 1 x Pozidriv Gr. 0, 2x Pozidriv Gr. 1, 4x Pozidriv Gr. 2, 1x Pozidriv Gr. 3 1 x SL 3.0, 1 x SL 5.0, 1 x SL 6.0 1 x Torx TX 10, 1x Torx TX 15, 3x Torx TX 20, 3x Torx TX 25, 1x Torx TX 30, 1x Torx TX 40 1x Connector for socket wrench	630464000

Screwdriver magazine with accessories

		Order no.
	**Screwdriver magazine SM 5-55** ■ Robust screwdriver magazine for Metabo drywall screwdriver ■ For inserting screws accurately in quick succession ■ Standard 50-screw strips can be used ■ For affixing screws 25-55 mm in length, maximum screw head Ø of 9.5 mm and maximum shaft Ø 5 mm ■ Precision adjustable screw depth ■ Screwdriver magazine removable for single-screw application Standard equipment: 2 x bits PH 2 x 180 mm suitable for: SE 2500 (620044), SE 4000 (620045), SE 6000 (620046), SE 18 LTX 2500 (620047), SE 18 LTX 4000 (620048), SE 18 LTX 6000 (620049)	631618000

	Bit type	Bit size	Overall length mm	Torsion bits	Sales unit	Order no.
	Phillips	size 2	180	•	2	631582000

10.8 V
18 V



NEW



NEW



Technical data	Cordless Impact Driver PowerMaxx SSD	Cordless Impact Driver SSD 18 LTX 200 BL	Cordless Impact Wrench SSW 18 LTX 300 BL
Type of battery pack	Li-Ion	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	10.8 V	18 V	18 V
Max. no-load speed	0 - 2,300 /min	0 - 2,900 /min	0 - 2,650 /min
Maximum impact rate	3,000 /min	4,000 /min	3,750 /min
Maximum torque	105 Nm	200 Nm	300 Nm
Speed/torque levels	1	12	12
Bit retainer	Hexagon recess 1/4" (6.35 mm)	Hexagon recess 1/4" (6.35 mm)	Male square 1/2" (12.70 mm)
Weight (including battery pack)	1 kg	1.7 kg	1.5 kg

Scope of delivery

Order no.	600093	602396 [1]	602395 Available from September 2018
Belt hook		■	■
2 Li-Power battery packs (10.8 V/2.0 Ah)	■		
2 LiHD battery packs (18 V/4.0 Ah)		■	■
Charger ASC 30-36 V »AIR COOLED«		■	■
Charger LC 40	■		
Plastic carry case	■	■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)

Product advantages

- Compact 10.8 Volt cordless impact driver for powerful applications
- Integrated work light to illuminate the workplace

- Cordless impact driver with 1/4" hexagonal recess and 200 Nm
- Unique Metabo brushless motor for quick work progress and highest efficiency for any application
- Twelve speed/torque levels for a wide range of applications
- Automatic Power Shift (APS) supports working with self-tapping screws: automatic torque reduction after drilling to prevent overtightening.
- Battery packs with capacity display for checking the charge status
- Handy belt hook, can be fixed either on the right or left side

- Cordless impact driver with 1/2" male square and 300 Nm

System components

Accessories → 315

Battery packs → 72

18 V







Technical data	Cordless Impact Wrench SSW 18 LTX 400 BL	Cordless Impact Wrench SSW 18 LTX 600
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Max. no-load speed	0 - 2,150 /min	0 - 1,600 /min
Maximum impact rate	4,250 /min	2,200 /min
Maximum torque	400 Nm	600 Nm
Speed/torque levels	12	1
Bit retainer	Male square 1/2" (12.70 mm)	Male square 1/2" (12.70 mm)
Weight (including battery pack)	1.7 kg	3.2 kg

Scope of delivery

Order no.	602205	602198
Belt hook	■	■
2 LiHD battery packs (18 V/5.5 Ah)		■
2 LiHD battery packs (18 V/4.0 Ah)	■	
Charger ASC 30-36 V »AIR COOLED«	■	■
Plastic carry case	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- High torque of 400 Nm whilst offering a particularly handy design
- Unique Metabo brushless motor for quick work progress and highest efficiency for any application
- Twelve speed/torque levels for a wide range of applications
- Battery packs with capacity display for checking the charge status
- Handy belt hook, can be fixed either on the right or left side
- Integrated work light to illuminate the workplace

- Extremely powerful with 600 Nm for heavy screwdriving applications

System components

Accessories → 315

Battery packs → 72



Technical data	Impact Wrench SSW 650
No-load speed	0 - 2,100 /min
Rated input power	650 W
Output power	360 W
Maximum impact rate	2,800 /min
Maximum torque	600 Nm
Speed/torque levels	1
Bit retainer	Male square 1/2" (12.70 mm)
Weight (without mains cable)	3 kg
Cable length	5 m

Order no.	602204 [1] [2]

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Extremely powerful with 600 Nm for heavy screwdriving applications

System components

Accessories → 315

Screwdriver bit assortments, impact-proof

		Order no.
	**Bit-box impact 29** Consisting of: Pozidriv bits, sizes 2, 3 (torsion bits, 1 each size), 29 mm long Torx bits, sizes TX 15, 20, 25, 30, 40 (torsion bits, 1 each size), 29 mm long 1 Bit holder Ideal for powerful drill/screwdrivers and impact drivers and wrenches	628849000*
	**Bit-box impact 49** Consisting of: Pozidriv bits PZ, sizes 2, 3 (torsion bits, 1 each size), 49 mm long Pozidriv bits TX sizes TX 15, 20, 25, 30, 40 (torsion bits, 1 each size); 49 mm long Ideal for powerful drill/screwdrivers and impact drivers and wrenches	628850000*

Connectors

		Order no.
	**Connector** Connector, 1/4" external hexagon E6.3 / 1/2" male square Overall length: 72 mm	628838000*
	**Adapter** Adapter with 1/2" female square on the machine side and 1/4“ hexagonal recess for impact-proof tools with 1/4" shank	628836000*

Hexagonal socket wrench inserts with 1/4" (6.35 mm), magnetic and impact-proof



For screwdrivers and impact drivers and wrenches 1/4"
Impact-proof: made from chrome Vanadium steel; surface: matt satin; length: 65 mm

Holder	Overall length mm	Key width	Order no.
1/4" (6.35 mm) hexagonal shank	65	8 mm	628843000*
1/4" (6.35 mm) hexagonal shank	65	10 mm	628845000*
1/4" (6.35 mm) hexagonal shank	65	13 mm	628847000*

Accessories for impact drivers and wrenches, ratchet screwdrivers

		Order no.
	**Socket wrench set 1/2" (10 pieces)** Consisting of 10 socket wrenches (10, 11, 12, 13, 15, 17, 19, 21, 22, 24 mm)	628831000
	**Socket wrench set 1/2" (3 pieces)** Consisting of 3 socket wrenches (17, 19, 21 mm) For alloy wheel caps, long version	628833000
	**Socket wrench extension 1/2" impact-proof** Overall length 150 mm	628832000
	**Socket wrench set 3/4" (8 pieces)** Consisting of 8 socket wrenches (21, 22, 24, 26, 27, 28, 30, 32 mm)	628834000
	**Socket wrench set 1" (8 pieces)** Consisting of 8 socket wrenches (24, 27, 30, 32, 33, 34, 36, 38 mm) Deep version	628835000

*Self-service packaging

18 V





Technical data	Cordless Stirrer RW 18 LTX 120
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
No-load speed	0 - 750 /min
Gears	1
Maximum stirring paddle diameter	120 mm
Max. recommended mixing amount	40 l
Bit retainer	Female thread M 14
Weight (including battery pack)	4.4 kg

Scope of delivery

Order no.	601163
Stirrer paddle RS-R2	■
2 LiHD battery packs (18 V/5.5 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Cordless stirrer for powerful mixing on the construction site
- Minor effort to guide the stirrer thanks to ergonomically favourable handle position
- Robust metal gripping frame to protect against damage
- Battery pack is protected by its location on the top and helps to ensure perfect balance when stirring
- Vario Constamatic (VC) Electronics for work with materials requiring customised speeds, which remain almost constant under load
- Overload protection: protects the motor from overheating
- Electronic soft start for splash-free working
- Battery packs with capacity display for checking the charge status

Technical data	Stirrer RWE 1020	Stirrer RWEV 1200	Stirrer RWEV 1200-2	Stirrer RWEV 1600-2
Rated input power	1,020 W	1,200 W	1,200 W	1,600 W
Output power	520 W	580 W	580 W	660 W
No-load speed	0 - 900 /min	0 - 590 /min	0 - 520 / 0 - 720 /min	0 - 470 / 0 - 680 /min
Gears	1	1	2	2
Maximum stirring paddle diameter	120 mm	140 mm	140 mm	160 mm
Max. recommended mixing amount	30 l	40 l	50 l	90 l
Bit retainer	Female thread M 14	Female thread M 14	Female thread M 14	Female thread M 14
Collar diameter	43 mm	43 mm	43 mm	43 mm
Weight (without mains cable)	3.1 kg	3.4 kg	4.3 kg	4.5 kg
Cable length	4 m	4 m	4 m	4 m

Scope of delivery

Order no.	614044	614045	614046	614047
Stirrer paddle RS-R2	■			
Stirrer paddle RS-R3		■	■	■

Product advantages

- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Electronic soft start for splash-free working
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for work with materials requiring customised speeds, which remain constant under load
- Thumbwheel for speed preselection
- High torque thanks to two-speed gearbox for viscous materials
- Robust die cast aluminium gear housing for optimum heat dissipation and long service life
- Electronic soft start for splash-free working
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for work with materials requiring customised speeds, which remain constant under load
- Thumbwheel for speed preselection
- Minor effort to guide the stirrer thanks to ergonomically favourable handle position
- Rubber corners at the housing for effective protection from damage, safe storage and non-slip leaning against a wall
- The side cable exit reduces the risk of a cable break
- Continuous speed control trigger with rubber cover to protect against dust and dirt deposits
- Splash-water proof motor cover to protect against dirt, mud and splash water

System components

Accessories → 318

Battery packs → 72

System components

Accessories → 318

Stirrer paddles



Type RS-R3 right spiral – mixing action from bottom to top
- Ideal for heavy and viscous materials
- Mixing action from bottom to top, agitator screws into the material by itself, bottom ring protects the container
- Particularly suited for all types of mortar, cement and lime plaster, adhesive binders, screeds, tile adhesive, quartz-filled epoxy resins, thermal insulation plaster, concrete, bitumen thick coating, etc.

Diameter mm	Length mm	Maximum material quantity kg	Shaft type	Order no.
120	590	15 - 25	M 14	626734000*
140	590	25 - 40	M 14	626735000*
160	590	30 - 60	M 14	626736000*



Type RS-R2 right spiral – mixing action from bottom to top
- Ideal for all sticky and viscous materials
- Mixing action from bottom to top, agitator screws into the material by itself, bottom ring protects the container
- Particularly suited for tile adhesive and construction adhesive, finished mortar and plaster, putties, screed, epoxy resin mixture, adhesive mortars etc.

Diameter mm	Length mm	Maximum material quantity kg	Shaft type	Order no.
100	590	10 - 15	Hexagon 13 mm	626737000*
120	590	10 - 15	M 14	626738000*
140	590	15 - 30	M 14	626739000*



Type RS-L2 left spiral – mixing action from top to bottom
- Ideal for runny materials
- Mixing action from top to bottom, the spirals push the material from top to bottom, bottom ring protects the container
- Particularly suited for paint, varnish, base coats, slightly creamy plasters, thin coatings, paste, casting compounds, dispersion adhesives
- Stirrer cage geometry and spiral optimised for splash-free working of runny materials

Diameter mm	Length mm	Maximum material quantity kg	Shaft type	Order no.
80	400	5 - 10	Hexagon 10 mm	626744000*
120	590	20 - 30	M 14	626745000*



Type RB 4, mixing without air pockets
- Ideal for all viscous materials which normally tend to cluster into lumps
- Impellers of the whisks generate a high vacuum and effectively prevent the addition of air to the mixture
- Particularly suited for self-levelling filler and levelling mixes, as well as adhesives and sealants, bitumen coatings, putty, epoxy resin coatings etc. ...

Diameter mm	Length mm	Maximum material quantity kg	Shaft type	Order no.
120	590	15 - 25	M 14	626741000*



Type SR 12 paddles – mixing action from top to bottom
- Ideal for all liquid and self-levelling materials
- Mixing action from top to bottom, the spirals push the material from top to bottom, bottom ring protects the container
- Quick and homogenous mixing of runny materials
- Particularly suited for the preparation of thin bed mortar for bonding blocks

Diameter mm	Length mm	Maximum material quantity kg	Shaft type	Order no.
120	590	20 - 40	M 14	626742000*
150	590	40 - 65	M 14	626743000*

*Self-service packaging





06



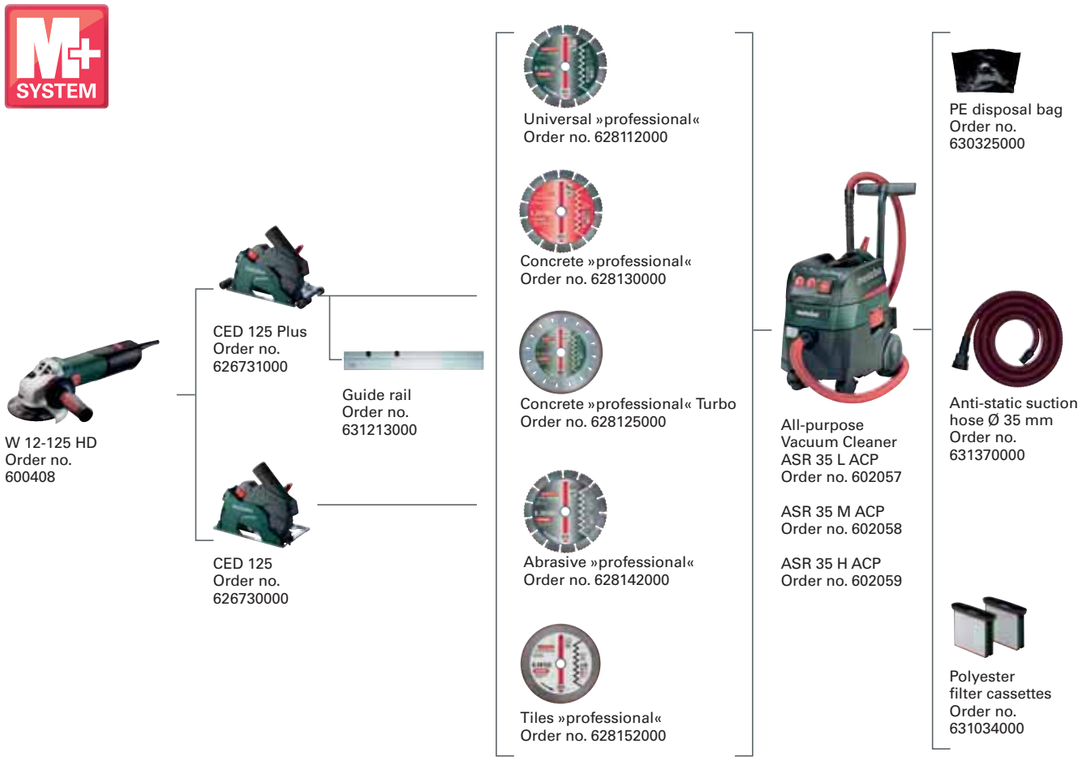




Processing of Concrete, Masonry and Plaster

Cutting systems: For low-dust working.

The cutting systems using compact angle grinders bring high performance with low-dust processing of concrete, screed or tiles. With optimally harmonised systems of machines, extraction hoods, special discs and matching vacuum cleaner you can work with high productivity, whilst your working environment remains almost free of dust and your health is protected.





Almost dust-free working
from mineral dust
- Plunge function for low-dust start up
- Antistatic plastic for continuously high suction performance



Precise longitudinal cuts
- Guide rollers for precise directional stability
- Adjustable cutting depth
- Optional use of a guide rail for precise cut



Ideal for free-hand cuts
- Tool-free, quick removal of the base plate
- Perfect for the renovation of cracks





Technical data	Cutting System W 12-125 HD Set CED	Cutting System W 12-125 HD Set CED Plus
Cutting depth adjustable / freehand	0 - 24 mm / 0 - 27 mm	0 - 24 mm / 0 - 27 mm
Cutting disc Ø	125 mm	125 mm
Rated input power	1,250 W	1,250 W
Output power	780 W	780 W
No-load speed	9,600 /min	9,600 /min
Revolutions at rated load	8,800 /min	8,800 /min
Torque	4.1 Nm	4.1 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	4.2 kg	4.4 kg
Cable length	4 m	4 m
Scope of delivery		
Order no.	**600408500** [1]	**600408510** [1]
Guard	■	■
Extraction hood CED 125	■	
Extraction hood CED 125 Plus		■
Inner support flange	■	■
Nut with two holes	■	■
Metabo VibraTech (MVT) side handle	■	■
Flat-pin spanners	■	■
Diamond cutting disc UP	■	■
MetaLoc case	■	■

[1] also available in 120 V (North/Latin America)

Product advantages

- System for low-dust cutting up to 27 mm indoors and outdoors
- Extraction hood CED 125 with plunge function that can be mounted tool-free, made of antistatic plastic
- Robust, detachable metal table for stable working close to walls and for freehand cuts
- System for precise, low-dust cutting up to 27 mm deep, indoors and outdoors
- Extraction hood CED 125 Plus with plunge function, that can be mounted tool-free, made of antistatic plastic
- Robust, removable metal table with rollers for tilt-free, gentle operation on delicate surfaces
- Can be used with guide rail for precise cuts

- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Restart protection after power interruption
- Auto-stop carbon brushes to protect the motor
- Aluminium flange for long service life using heavy accessories, e.g. diamond discs
- Connection for dust extraction Ø 35/41 mm

System components

Accessories → 324

Extraction systems → 453

The new wall chaser MFE 40: Quick, clean channelling in a single operation.

With the new high-performance MFE 40 wall chaser, and the use of the new diamond cutting disc, you can cut wall channels in just one working step. No need for elaborate mortising or chiselling out between cuts. And in combination with our all-purpose vacuums, dust-free working is guaranteed.

MARATHON MOTOR

TACHO CONSTAMATIC

Maximum work progress
thanks to powerful 1900 W motor, constant speed maintenance and new diamond discs

RESTART PROTECTION

SOFT-START

Safe working conditions
thanks to electronic soft start, restart protection and robust die-cast aluminium hood



Optimum handling
Comfortable to use thanks to sliding cut providing optimal view of the marking line, and bow-type handles for optimal horizontal and vertical working

DUST PROTECTION

CLEAN Technology

Clean, low-dust working
in combination with a Metabo all-purpose vacuum cleaner (certified by BG BAU)

MFE 40



Up to 50% time saving
The high performance of the MFE 40 permits the use of the **new diamond cutting discs**, which can be used to make **wall channels in a one step process**.



Widest range of applications
Adjustable cutting depth 10 - 40 mm and cutting width 9 - 35 mm permits diverse applications with cutting disc Ø 125 mm.



Certified extraction system
The system is complemented by perfect compatibility with our all-purpose vacuum cleansers, the efficiency for **low-dust working** of which was certified by the BG BAU.

NEW



MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · RESTART PROTECTION · SOFT-START



MARATHON MOTOR · MVT · RESTART PROTECTION · SOFT-START

Technical data	Wall Chaser MFE 40	Wall Chaser MFE 65
Adjustable cutting depth	10 - 40 mm	20 - 65 mm
Possible groove widths	9 / 15.5 / 22 / 28.5 / 35 mm	9 / 11 / 17 / 23 / 29 / 33 / 37 / 41 mm
Cutting disc Ø	125 mm	230 mm
Rated input power	1,900 W	2,400 W
Output power	1,120 W	1,600 W
No-load speed	5,000 /min	6,500 /min
Revolutions at rated load	4,200 /min	4,600 /min
Torque	2.6 Nm	15 Nm
Weight (without mains cable)	4.6 kg	9.8 kg
Cable length	4 m	4 m
Scope of delivery		
Order no.	**604040** [1) 2)]	**600365** [2)]
Spacer rings	■	■
2 Diamond cutting discs	■	
Flange nut	■	■
Side handle		■
Face pin wrench	■	■
Chase extraction chisel	■	■
Metal carry case		■
Plastic carry case	■	

[1)] also available in 120 V (North/Latin America)
[2)] also available in 110 V (UK)

Product advantages

- Ideal for electric installations to lay cables and pipework under plaster with cutting depths up to 40 mm
- Maximum work progress by means of powerful motor, constant speed and two-speed high-performance gear
- Robust aluminium die-cast hood with rubber rollers and optimal handle position for comfortable guidance of the machine
- Push cut for optimal view of the marking line
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Clean, low-dust working by means of connecting a Metabo all-purpose vacuum cleaner (certified with ASR 35 M ACP)
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the disc stop unexpectedly
- Ideal for sanitary installations to lay water pipes and trunking under plaster with cutting depths up to 65 mm
- Electronic overload protection for long service life
- Starting current limitation prevents the actuation of the lock on start-up
- Clean, low-dust working by connecting a Metabo all-purpose vacuum cleaner
- Metabo VibraTech (MVT): integrated damping system to reduce vibrations in order to protect the user's health
- Electronic safety shutdown of the motor for safe working in case the disc stops unexpectedly

- Metabo Marathon-motor with patented dust protection for long service life
- Electronic soft start and restart protection for safe working
- LED signal informs about overload or active restart protection
- Also suitable for cutting with only one diamond cutting disc

System components

Accessories → 324

Extraction systems → 453

Diamond Cutting Discs

For hard building materials



Quality class »professional« / CP
- Ideal for all hard building materials such as concrete (including reinforced), concrete pipes, granite, hard sandstones, facing stones, exposed aggregate concrete.
- The diamond quality and soft bond provides optimal cutting performance and long tool life
- Laser welded diamond segments
- Segment height: 12.0 mm; maximum working speed 80 m/s (300 - 350 mm: 100 m/s)

Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Order no.
125 x 22.23	32 x 2.15 x 12	9	12,200	1	628130000*
125 x 22.23	32 x 2.15 x 12	9	12,200	2	628131000*
230 x 22.23	40 x 2.5 x 12	15	6,600	1	628134000*
230 x 22.23	40 x 2.5 x 12	15	6,600	2	628135000*

For general building materials



Quality class »professional« / UP
- Best suited for general construction/building site materials such as concrete, exposed aggregate concrete, hard sandstone, clay tiles.
- The universal disc with high quality diamonds for optimal cutting performance and a long tool life.
- Laser welded diamond segments
- Segment height: 12.0 mm; maximum working speed 80 m/s (300 - 400 mm: 100 m/s)

Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Order no.
125 x 22.23	32 x 2.15 x 12	9	12,200	1	628112000*
125 x 22.23	32 x 2.15 x 12	9	12,200	2	628113000*
230 x 22.23	40 x 2.5 x 12	15	6,600	1	628116000*
230 x 22.23	40 x 2.5 x 12	15	6,600	2	628117000*



Quality class »professional« / UP-T
- Best suited for general construction/building site materials such as concrete, exposed aggregate concrete, hard sandstone, clay tiles.
- The circumferentially closed »Turbo« cutting edge provides a clean cutting edge without material chipping, providing optimal cutting performance and long tool life.
- Sintered cutting edge
- Segment height: 9.6 mm; Maximum working speed 80 m/s

Diameter x bore mm	Segment dimensions mm	Maximum speed /min	Sales unit	Order no.
125 x 22.23	2.2 x 9.6	12,200	1	628125000*
230 x 22.23	2.7 x 9.6	6,600	1	628128000*

For tiles



Quality class »professional« / TP
- Special disc to meet the highest demands for all types of tiles, glazed and unglazed, natural stone slabs, fine earthenware
- Optimal cutting quality and long tool life.
- Sintered cutting edge
- Segment height: 10.0 mm; Maximum working speed 80 m/s

Diameter x bore mm	Segment dimensions mm	Maximum speed /min	Sales unit	Order no.
125 x 22.23	1.7 x 10	12,200	1	628152000*
230 x 22.23	1.7 x 10	6,600	1	628155000*

*Self-service packaging

Diamond Cutting Discs

Quality class »professional« / UP-T

- High time saving thanks to single step cutting process
- Fast and comfortable cutting of wall slots in diverse materials with the MFE 40
- Highly reduced workload thanks to the intelligent system of interlacing arrangement of segments, since removal of the centre section is not required.
- Reduction of dirt and dust, since the material is removed cleanly and completely from the slot
- Customised slots for individual lines Ø 12 mm, or for Ø 20 and 25 mm-empty pipes. Max. cutting width: 20 mm (2 rows) / 30 mm (3 rows)

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Order no.
	125 x 22.23	18 x 7	20	12,200	1	628298000*
	125 x 22.23	28.5 x 7	30	12,200	1	628299000*

Further accessories for wall chasers and cutting systems

		Order no.
	**Suction hose** ■ When using a second suction hose, the dust extraction device can be placed at a distance of up to 8 m from the work area With bayonet fitting for attaching to the extraction nozzle of the wall chasers MFE 30, MFE 65 Connector Ø: 35/35 mm Hose Length: 4 m Suction hose Ø: 35 mm	630344000
	**Guide rail** ■ Guide rail made of sturdy, anodised aluminium extrusion ■ Anti-slip backing provides safe and reliable support and protects the work piece surface against scratches ■ Guide rule, adjustable to eliminate play suitable for: W 12-125 HD Set CED / W 12-125 HD Set CED Plus	631213000
	**Coupling bush Ø 41/ 48 mm** ■ Particularly suited for coarse dirt, as well as tools with high generation of dust. ■ Conducts electricity ■ Inner/outer Ø: 41/ 48 mm ■ Suitable for all Metabo suction hoses with diameter 35 mm	630796000*

Renovation grinder: Efficient removal of old coatings.

With its 1,900 Watt powerful Marathon motor, highly robust diamond cup wheels, optimal extraction and perfect ergonomics, the new RSEV 19-125 RT is the perfect problem solver for floor preparation, the removal of seams in formwork or the levelling of concrete.

Perfect ergonomics thanks to slim handle area for **maximum control** and easy working overhead



Optimal extraction thanks to spring-mounted brush rim that adapts to very surface and height

Maximum productivity with 1,900 Watt and low weight

Working close to edges thanks to integrated folding segment

Maximum service life thanks to aluminium extraction hood

RSEV 19-125 RT



For effective grinding and removal of concrete, screed and coatings with diamond cup wheels.



Maximum productivity with the right system
Metabo renovation grinders, cup wheels and vacuum cleaners are perfectly compatible and provide excellent work results.



For the removal of plaster, adhesive remains and coatings:
The new powerful renovation milling machine RFEV 19-125 RT with further improved milling heads.

Which machine and accessories for which application?

Areas of application			for small areas up to ~ 50 m²			for medium areas up to ~ 100 m²			for medium areas up to ~ 100 m²		for small areas up to ~ 50 m²		
Type			Renovation Grinder WE15-125 HD Set GED 			Renovation Grinder RSEV 19-125 RT 			Renovation Milling Machine RFEV 19-125 RT 				
Accessories			Diamond cup wheel concrete »pro« Ø 125 mm	Diamond cup wheel abrasive »pro« Ø 125 mm	PCD cup wheel »pro« Ø 125 mm	Diamond cup wheel concrete »pro« Ø 125 mm	Diamond cup wheel abrasive »pro« Ø 125 mm	PCD cup wheel »pro« Ø 125 mm	Milling head flat tooth (complete) Ø 115 mm / M14	Milling head pointed (complete) Ø 115 mm / M14	Diamond cup wheel concrete »pro« Ø 125 mm	Diamond cup wheel abrasive »pro« Ø 125 mm	PCD cup wheel »pro« Ø 125 mm
			Order no. 628205000	Order no. 628206000	Order no. 628208000	Order no. 628205000	Order no. 628206000	Order no. 628208000	Order no. 628219000	Order no. 628218000	Order no. 628205000	Order no. 628206000	Order no. 628208000
Concrete	Fresh concrete	■ Remove thick concrete layers ■ Floor preparation ■ Removal of lime washes and seams in formwork ■ Levelling of concrete	□	■		□	■			□	□	□	
	Old concrete/ very hard concrete > B35		■	□		■	□				□	□	
Adhesive	Tile cement	■ Grinding and removal / planing ready for further processing (on soft and hard surfaces)	□	■	□	□	■	□	□	■	□	■	□
	Elastic adhesive				■			■	□	■			■
Screed	Soft	■ Levelling	□	■		□	■		■	■	□	□	
	Hard		■	□		■	□				□	□	
Plaster	■ Removal/cutting of hard cement plaster and / or (cement lime plaster) with high sand content		■	□	■	■	□	■	□	■	■	□	■
	■ Grinding / removal of hard cement plaster		■	□	□	■	□	□	□	■	■	□	□
	■ Grinding / removal of hard plaster (cement lime finishing plaster)		□	□	□	□	□	□	□	■	□	□	□
	■ Grinding / removal of synthetic resin plaster		□	□	■	□	□	■	□	■	□	□	■
	■ Grinding / removal of lime plaster, gypsum plaster		□	■	□	□	■	□	■	□	□	■	□
	■ Removal of gypsum filler		□	■	□	□	■	□	■	□	□	■	□
Colour / coating	Latex colours and oil colours	■ Grinding and removal / planing ready for further processing (on soft and hard surfaces)	□		□	□		■	■	■	□		■
	Elastic protective coatings (concrete colour)		□		□	□		■	□	■	□		■
	Bitumen				□			■					■
	PU Polyurethane				□			■	■	□			■
	Epoxy		□		□	□		■	□	■	□		■
Natural stone / ceramic	Granite	■ Levelling of natural stone ■ Level grinding of natural stone, granite and other hard and very hard materials ■ Precise processing of edges without cracking	■	□		■	□				□	□	
	Ceramic		■	□		■	□				□	□	
	Marble		□	■		□	■				□	□	

□ very suitable ■ highly suitable



MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · MVT · RESTART PROTECTION

Technical data	Renovation Grinder WE 15-125 HD Set GED
Grinding wheel Ø	125 mm
Torque	4.2 Nm
No-load speed	9,600 /min
Rated input power	1,550 W
Output power	940 W
Revolutions at rated load	9,600 /min
Spindle threads	M 14
Weight (without mains cable)	2.7 kg
Cable length	4 m

Scope of delivery

Order no.	600465510 [1]
Guard	■
Extraction hood GED 125	■
Inner support flange	■
Nut with two holes	■
Metabo VibraTech (MVT) side handle	■
Flat-pin spanners	■
Diamond cup wheel concrete »Professional«	■
MetaLoc case	■

[1] also available in 120 V (North/Latin America)

Product advantages

- Universally applicable system for low-dust grinding indoors and outdoors
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic overload protection, soft start and restart protection
- Auto-stop carbon brushes to protect the motor
- Aluminium flange for long service life using heavy accessories, e.g. diamond discs
- Extraction hood GED 125 can be mounted tool-free, made of antistatic plastic
- Fixed segment can be opened manually for near-wall operation
- Connection for dust extraction Ø 35/41 mm

System components

Accessories → 331 | Extraction systems → 453



MARATHON MOTOR · S-AUTOMATIC MECHANICAL SAFETY CLUTCH · VARIO TACHO CONSTAMATIC · RESTART PROTECTION

Technical data	Renovation Grinder RSEV 19-125 RT
Grinding wheel Ø	125 mm
Torque	5 Nm
No-load speed	3,800 - 8,200 /min
Rated input power	1,900 W
Output power	1,240 W
Revolutions at rated load	6,800 /min
Spindle threads	M 14
Weight (without mains cable)	3.5 kg
Cable length	4 m

Scope of delivery

Order no.	603825 [1]
Bow-type handle	■
Inner support flange	■
Nut with two holes	■
Flat-pin spanners	■
Plastic carry case	■

[1] also available in 120 V (North/Latin America)

Product advantages

- For effective spot grinding and removal of concrete, screed and coatings with diamond cup wheels
- Maximum productivity thanks to top 1,900 Watt with low weight
- High torque and overload capacity for demanding applications in continuous use
- Low weight, ideal for sanding walls and ceilings
- Perfect ergonomics thanks to slim handle for maximum control and easy working overhead
- Working close to edges thanks to integrated folding segment
- Optimum extraction results: spring-mounted brush rim at the guard that adapts to any surface and segment height
- Front handle for safe and uniform guidance when polishing, adjustable without tools
- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the tool stop unexpectedly

System components

Accessories → 331 | Extraction systems → 453



MARATHON MOTOR · VARIO TACHO CONSTAMATIC · RESTART PROTECTION · SOFT-START

Technical data	Renovation Milling Machine RFEV 19-125 RT
Working width	125 mm
Cutting depth	0 - 6 mm
Torque	16.8 Nm
No-load speed	750 - 3,100 /min
Rated input power	1,900 W
Output power	1,240 W
Revolutions at rated load	2,800 /min
Spindle threads	M 14
Weight (without mains cable)	3.8 kg
Cable length	4 m

Scope of delivery

Order no.	603826 [1]
Bow-type handle	■
Flat-pin spanners	■
Hexagonal wrench	■
Plastic carry case	■

[1] also available in 120 V (North/Latin America)

Product advantages

- For effective removal of plaster, adhesive residues, soft screed and old paint from walls, ceilings and floors
- Maximum productivity thanks to top 1,900 Watt with low weight
- Double reduction high-performance gearing for maximum torque and high output
- Fast work progress thanks to large milling diameter
- Perfect ergonomics thanks to slim handle for maximum control and easy working overhead
- Cutting depth can be adjusted easily and without the need for tools
- Robust guard made from die-cast aluminium with spring-mounted brush rim for low-dust working
- Front handle for safe and uniform guidance when milling, adjustable without tools
- Can be used as renovation grinder on smaller areas when using a diamond cup wheel
- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption

System components

Accessories → 332 | Extraction systems → 453

Diamond Cup Wheels

For hard materials, quality class concrete »professional«



- Powerful diamond grinding wheel. Particularly suited for grinding of thick concrete layers, levelling of concrete, preparation of concrete, removal of sludge residue and formwork seams on concrete, removal of hard cement, chalk-cement-plaster, hard screed, levelling of granite, natural stone and other very hard materials, for clean processing of edges, without chipping
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Sales unit	Order no.
125 x 22.23	16	1	628205000*

For abrasive materials, quality class abrasive »professional«



- Powerful diamond grinding cup wheel. Particularly suited for grinding of fresh concrete coatings, chalk and cement plaster, gypsum filler, levelling of fresh screed, removal of tile adhesive and processing of marble
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Sales unit	Order no.
125 x 22.23	16	1	628206000*

For protective concrete coatings, quality class »professional«



- Powerful specialized cup wheel. Ideally suited for spot grinding and removal of elastic protective coatings (on soft and hard surfaces), adhesives, sealants, removal of latex and oil paints, bitumen, PU/polyurethane, epoxy, elastic adhesive, for removal of lime plaster and gypsum plaster, abrading of resin plaster and hard cement plaster.
- Cup wheel equipped with PCD segments (poly-crystalline diamonds). By virtue of the PCD segments, particularly problematic coatings are removed quickly and effectively without bonding.
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Sales unit	Order no.
125 x 22.23	12	1	628208000*

For hard materials, quality class concrete »classic«



- Double-coated diamond cup wheel for grinding of thick concrete layers, levelling of concrete, preparation of concrete, removal of sludge skins and formwork seams on concrete, removal of hard cement, chalk-cement-plaster, hard screed, levelling of granite, natural stone and other very hard materials
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Sales unit	Order no.
125 x 22.23	20	1	628209000*

Further Accessories for Renovation Grinders

Replacement Brush Rim

	Order no.
 **Replacement brush rim RS** ■ Suitable for RSEV 19-125 RT	628214000*

*Self-service packaging

Milling heads

		Order no.
	**Milling head pointed complete** ■ Milling head pointed head - contact face tipped with 10 carbide stars ■ For the removal of hard plaster, concrete, foam backing, adhesive remains, paint coatings on plaster, synthetic resin plaster, elastic protective coatings, plaster on beams and latex / oil paint on plaster ■ The subsurface is roughened by the pointed shape of the milling stars ■ Suitable for RFEV 19-125 RT	628218000*
	**Milling head flat complete** ■ Milling head flat head - contact face tipped with 10 carbide stars ■ For the removal of soft materials such as plaster, fresh ("green") concrete, foam backing and adhesive remains, soft PU coatings, paint coatings on plaster, plaster on wooden beams, latex / oil paint on plaster, formwork joints and concrete runs on fresh concrete areas ■ The subsurface becomes smooth thanks to the flat shape of the milling stars (pulling cut) ■ Suitable for RFEV 19-125 RT	628219000*

Milling stars

		Order no.
	**10 Milling stars, pointed head** ■ For retrofitting the milling head of the RF 14-115 RFEV 19-125 RT ■ With 5 micro-encapsulated screws for safe fixing	628270000*
	**10 Milling stars flat head** ■ For retrofitting the milling head of the RF 14-115 RFEV 19-125 RT ■ With 5 micro-encapsulated screws for safe fixing	628271000*

Replacement brush rim

		Order no.
	**Replacement brush rim RF** ■ Suitable for RFEV 19-125 RT	628215000*

*Self-service packaging








Sanding
Milling
Planing

The Metabo random orbital sanders: A team for any application.

Economical working, high surface quality, excellent extraction performance, perfect ergonomics - these are the requirements for a good sander. All our random orbital sanders can score here and each of them has its very particular application focus: The small random orbital sander SX E 400 shows its advantages on small surfaces and curves. The versatile SXE 450 TurboTec can show its potential with its "Duo" oscillating orbit setting for fine and coarse applications. The two new random orbital sanders SXE 150 BL with 2.5 mm / 5 mm orbit diameter provides enormous power and perfect surface quality with extremely compact dimensions and very low weight.



Sanding pad Ø 150 mm with multi perforation
for effective extraction and a longer service life of the sanding medium (sanding pad Ø 125 mm as accessory 630264000)

Low vibrations
for comfortable working in continuous mode

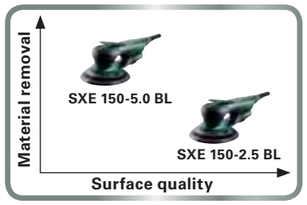


BRUSHLESS MOTOR

Effective Brushless motor
with selectable speed

SOFT-START

Soft start
minimises surface marks when putting the machine on the surface



STOP
FAST BRAKE

Motor and plate brake
permits fast putting down of the machine

SXE 150-2.5 BL/ SXE 150-5.0 BL



For high-gloss surfaces
Thanks to the soft start and small orbit diameter (2.5 mm), the SXE 150-2.5 is the favourite for high-grade sanding results for high-gloss surfaces and their preparation.



For coarse and fine sanding
The SXE 450 TurboTec has a removable side handle for variable handle positions and an adjustable orbit diameter for coarse and fine finishing.



Small, light and compact
SXE 150-2.5 BL and SXE 150-5.0 BL are the ideal solution for ergonomic working in continuous mode.





Technical data	Palm Grip Random Orbital Sander FSX 200 Intec	Random Orbital Sander SX E 400
Diameter of backing pad	125 mm	80 mm
No-load speed	11,000 /min	5,000 - 10,000 /min
Rated input power	240 W	220 W
Output power	90 W	100 W
Revolutions at rated load	9,500 /min	6,000 /min
Orbit diameter	2.7 mm	3 mm
Weight (without mains cable)	1.3 kg	1.2 kg
Cable length	2.8 m	2.5 m
Scope of delivery		
Order no.	**609225** [1]	**600405** [1]
Hook and loop intermediate disc		■
Hexagonal wrench		■
Dust collection cartridge	■	
1 Pleated filter	■	
Plastic carry case	■	

[1] also available in 120 V (North/Latin America)

Product advantages

- Very good weight/performance ratio for low-fatigue working
- Grip area with non-slip soft-grip surface
- Dust collector cartridge with filter for working without connecting to a vacuum cleaner
- Extraction possibility by means of connecting to an all-purpose vacuum cleaner via an adapter (accessory)
- Small 80 mm backing pad and flexible intermediate disc for sanding inner and outer curves.
- Ideally suited for sanding and polishing smaller surfaces
- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Thumbwheel for speed preselection
- Power Control System: No scratches when placing the machine directly onto the material at speed
- Compact housing design aids sanding in confined spaces
- Extraction possibility by means of connecting an all-purpose vacuum cleaner
- Light and handy machine for convenient one-hand operation
- Dust-proof ball bearings for long service life of the machine

System components

Accessories → 344, 357

Extraction systems → 453





Technical data	Random Orbital Sander SXE 3125	Random Orbital Sander SXE 3150	TurboTec Random Orbital Sander SXE 425	TurboTec Random Orbital Sander SXE 450
Diameter of backing pad	125 mm	150 mm	125 mm	150 mm
No-load speed	4,000 - 12,000 /min	4,000 - 12,000 /min	4,200 - 11,000 /min	4,200 - 11,000 /min
Rated input power	310 W	310 W	320 W	350 W
Revolutions at rated load	8,800 /min	8,400 /min	9,000 /min	8,500 /min
Orbit diameter	3 mm	3 mm	5 mm	2.8/6.2 mm
Weight (without mains cable)	1.5 kg	1.6 kg	2.3 kg	2.4 kg
Cable length	4 m	4 m	4 m	4 m

Scope of delivery

Order no.	600443	600444	600131	600129 [1] [2]
Sanding pad »multi-hole« with hook and loop	■	■	■	■
removable side handle			■	■
Hexagonal wrench	■	■	■	■
Textile dust bags	■	■	■	■
Plastic carry case	■	■	■	
MetaLoc case				■

Equipment variants can be found in the Metabo price list and on the internet

[1] also available in 120 V (North/Latin America)

[2] also available in 110 V (UK)

Product advantages

- Patented adjustable "Duo" oscillating circuit setting: Can be set depending on the application for fine sanding or high stock removal

- Lightweight, handy sander with perfect ergonomics
- Low-vibration working thanks to smooth running operation

- Thumbwheel for speed preselection
- Turbo boost: allows additional power reserves to be employed for maximum removal
- Power Control System: No scratches when placing the machine directly onto the material at speed
- Removable side handle
- Dust-proof ball bearings for long service life of the machine

- Variospeed (V) Electronics for working at customised speeds to suit various application materials
- Grip area with non-slip soft-grip surface
- Sturdy aluminium die cast bearing housing
- Easy to empty textile dust bag for working without extraction facilities
- Extraction possibility by means of connecting an all-purpose vacuum cleaner
- Multi-hole sanding pad for effective extraction and a longer service life of the sanding medium

System components

Accessories → 344, 357

Extraction systems → 453

NEW



NEW



Technical data	Random Orbital Sander SXE 150-2.5 BL	Random Orbital Sander SXE 150-5.0 BL
Diameter of backing pad	150 mm	150 mm
No-load speed	4,000 - 10,000 /min	4,000 - 10,000 /min
Rated input power	350 W	350 W
Revolutions at rated load	10,000 /min	10,000 /min
Orbit diameter	2.5 mm	5 mm
Weight (without mains cable)	1 kg	1 kg
Cable length	4.3 m	4.3 m

Scope of delivery

Order no.	615025	615050
Sanding pad »multi-hole« with hook and loop	■	■
Open-jawed spanner	■	■
MetaLoc case	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Orbit diameter 2.5 mm for highest surface quality with good material removal
- Orbit diameter 5 mm for maximum material removal with good surface quality
- Extremely light and flat random orbital sander with symmetrical design for easy change of hands or operation with two hands
- Non-slip paddle switch with dead man function for safe starting and optionally also control of the speed
- Vario Tacho Constamatic (VTC) Full-wave Electronics for grinding with materials requiring customised speeds, which remain constant under load
- Electronic presetting of the desired speed range
- Soft start minimises surface damage when placing the machine on the work surface
- Unique Metabo brushless motor highest efficiency when grinding, also in continuous mode
- Low vibrations for convenient continuous mode
- Overload protection: protects the motor from overheating
- Separate main switch protects from unintentional start
- Motor and plate brake permits quick placing down of the machine after use
- Extraction possibility by means of connecting an all-purpose vacuum cleaner
- Multi-hole sanding pad for effective extraction and a longer service life of the sanding medium
- For working with 125 mm sanding sheets, the sanding pad »multi-hole« Ø 125 mm can be used (accessory 630264000)
- Service-friendly with exchangeable cable

System components

Accessories → 344

Extraction systems → 453

Orbital Sanders: Quiet operation, perfect sanding result.

Using Metabo orbital sanders you will always achieve a clean, sanding result without scoring marks and grooves, for example, when sanding varnished and wooden surfaces of door frames, staircases or flat workpieces. The innovative oscillating system and the smooth operation guarantee an excellent finished result. Even heat-sensitive materials such as varnish can be processed with the Metabo orbital sanders thanks to standard speed selection.

Turbo boost
Allows additional power reserves to be applied to achieve maximum material removal

Low vibration
Ergonomic handle with damping element for low vibrations at the rear handle (up to 2.5 m/s² exposure value as per EN 60745), this permits longer fatigue-free working.

Variospeed (V) Electronics
Thumbwheel for working with customised orbital frequencies for the materials used

Extraction possibilities
by connecting an all-purpose vacuum cleaner or a textile dust bag



Removable side handle
with vibration damping for comfortable grip in any work position

Universal extraction connection
The new corrugated extraction nozzle secures a safe connection to an external extraction unit.

Long service life thanks to dust-proof seals
A tear-proof rubber sleeve and a ball bearing with multiple seals protects the machine from the ingress of wood and mineral dusts and thus extends the service life.



Sanding plate
with additional lateral extraction channels for clean working

SRE 4351 Turbo Tec



Excellent sanding result
without scoring marks and grooves, for a professional surface finish.



Sanding near edges
When sanding near edges the vibration damped handle can be removed quickly without the need for tools. Perfect grinding result down to the smallest corner.



Universal clamping system
Universal clamping system for the use of sanding sheets with or without hook and loop, as well as sanding media up to a thickness of 10 mm.



Technical data	Palm Grip Orbital Sander FSR 200 Intec
Sanding plate	114 x 102 mm
Orbital frequency with no load	26,000 /min
Rated input power	200 W
Output power	80 W
Orbital frequency at rated load	22,000 /min
Orbit diameter	1.4 mm
Weight (without mains cable)	1.3 kg
Cable length	2.8 m

Scope of delivery

Order no.	600066 [1]
Hole punch	■
Dust collection cartridge	■
1 Pleated filter	■
Plastic carry case	■

[1] also available in 120 V (North/Latin America)

Product advantages

- Light and handy machine for convenient one-hand operation
- Very good weight/performance ratio, ideal for working overhead
- Grip area with non-slip soft-grip surface
- Dust-proof ball bearings for long service life of the machine
- Robust clamping system for sanding paper with or without hook and loop fastener
- Dust collector cartridge with filter for working without connecting to a vacuum cleaner
- Extraction possibility by means of connecting to an all-purpose vacuum cleaner via an adapter (accessory)

System components

Accessories → 351, 357

Extraction systems → 453





Technical data	Orbital Sander SR 2185	Orbital Sander SRE 3185	Orbital Sander SRE 4350 TurboTec	Orbital Sander SRE 4351 TurboTec
Sanding plate	92 x 184 mm	92 x 184 mm	92 x 184 mm	114 x 229 mm
Orbital frequency with no load	22,300 /min	8,800 - 22,300 /min	8,400 - 22,000 /min	8,400 - 22,000 /min
Rated input power	210 W	210 W	350 W	350 W
Output power	80 W	80 W	180 W	180 W
Orbital frequency at rated load	20,400 /min	20,400 /min	17,000 /min	17,000 /min
Orbit diameter	2 mm	2 mm	2.2 mm	2.2 mm
Weight (without mains cable)	1.5 kg	1.5 kg	2.5 kg	2.7 kg
Cable length	2.5 m	4 m	4 m	4 m

Scope of delivery

Order no.	600441 [1]	600442	611350	611351 [1] [2]
Hook and loop grinding plate			■	■
removable side handle			■	■
Textile dust bags	■	■	■	■
Plastic carry case	■	■		
MetaLoc case			■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Lightweight, handy sander with perfect ergonomics
- Grip area with non-slip soft-grip surface
- Low-vibration working thanks to smooth running operation
- Robust aluminium die cast bearing flange
- Robust clamping system for sanding paper with or without hook and loop fastener

- Oscillating system with double-row angular ball bearing for extremely smooth running and minimum vibration
- Robust clamping system for sanding paper with or without hook and loop fastener, as well as sanding medium up to 10 mm in thickness
- Ball bearing with multiple seals and tear-proof rubber sleeve protects the machine against aggressive dust
- Side handle with vibration damping for a comfortable grip in any work position
- Turbo boost: allows additional power reserves to be employed for maximum removal
- Sanding plate with additional lateral extraction channels for cleaner working

- Vario (V)-Electronics for working at customised orbital frequencies to suit various application materials

- Excellent grinding finish without scoring marks and grooves, for a professional surface finish
- Easy to empty textile dust bag for working without extraction facilities
- Extraction possibility by means of connecting an all-purpose vacuum cleaner

System components

Accessories → 351, 357

Extraction systems → 453





Technical data	Intec Multi Sander FMS 200
Sanding plate	100 x 147 mm
Orbital frequency with no load	26,000 /min
Rated input power	200 W
Output power	80 W
Orbital frequency at rated load	22,000 /min
Orbit diameter	1.4 mm
Weight (without mains cable)	1.2 kg
Cable length	2.8 m

Scope of delivery

Order no.	600065
Dust collection cartridge	■
1 Pleated filter	■
Plastic carry case	■

Product advantages

- Triangular base plate for sanding edges, corners and surfaces
- Light and handy machine for convenient one-hand operation
- Very good weight/performance ratio for low-fatigue working
- Grip area with non-slip soft-grip surface
- Dust collector cartridge with filter for working without connecting to a vacuum cleaner
- Extraction possibility by means of connecting to an all-purpose vacuum cleaner via an adapter (accessory)

Technical data	Triangular Base-Plate Sander DSE 300 Intec
Base plate, measurement from corner to corner	93 mm
Orbital frequency with no load	14,000 - 22,000 /min
Orbital frequency at rated load	18,000 /min
Rated input power	300 W
Orbit diameter	1.8 mm
Weight (without mains cable)	1.3 kg
Cable length	4 m

Scope of delivery

Order no.	600311
Hexagonal wrench	■
Plastic carry case	■

Product advantages

- For effective sanding of edges and corners
- Patented, rotating base plate for optimum utilisation of the edges of the sanding paper
- Dust-proof ball bearings for long service life of the machine
- Robust oscillation sleeve and base plate holder made from die-cast aluminium for a long service life
- Vario (V)-Electronics for working at customised orbital frequencies to suit various application materials
- Thumbwheel for preselection of the orbital frequency
- Easy change of sanding sheet with hook and loop base-plate
- Dust collector cartridge with filter for working without connecting to a vacuum cleaner
- Convenient handling thanks to slim design
- Compact design aids access when working in difficult to reach areas
- Extraction possibility by means of connecting to an all-purpose vacuum cleaner via an adapter (accessory)

System components

Accessories → 354, 357

Extraction systems → 453



Technical data	Belt Sander BAE 75
Torque	12 Nm
Sanding Belt	75 x 533 mm
Sanding belt support surface	85 x 150 mm
Belt speed in idle	240 - 450 m/min
Rated input power	1,010 W
Weight (without mains cable)	4.9 kg
Cable length	4 m

Scope of delivery

Order no.	600375
Dust bag	■
Side handle	■
Hexagonal wrench	■
Suction adapter	■
Length guide	■
Machine stand	■

Product advantages

- Excellent sanding results thanks to powerful motor and precise belt path
- Fast and tool-free sanding belt change
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for working at customised speeds to suit the application material and belt speeds that remain almost constant, even under load
- Thumbwheel for preselection of belt speed
- With antistatic dust bag for working without connecting a vacuum cleaner
- Side handle for ideal machine guidance
- With machine stand for tool-free conversion to stationary use in a matter of seconds
- With length guide for exact guidance of the workpiece in stationary use
- Extraction possibility by means of connecting an all-purpose vacuum cleaner

System components

Accessories → 359

Extraction systems → 453

Abrasive media: High removal and durable.

**Proven quality for professional use: for processing surfaces like wood, metal, paint, stone.
Also suitable for sanders of all common makes.**

Structure and purpose

The sanding compound
carries the grains and transfers the chip removal forces. Besides high strength and small expansion, the sanding compound has to render a sanding process matching flexibility

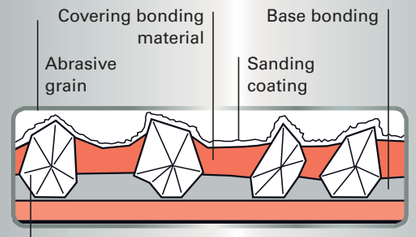
Carriers are
- Highly compressed papers of various thicknesses.
- Fabric based on polyester and cotton of various strengths.
- Vulcanized fibre as a strong and tear-proof base is the base material for the (Vulcan) fibre disc.

The abrasive grain
is the actual cutting tool. It penetrates the material being processed and removes the surface. The abrasive grain is anchored on to the grain-holding medium.
High hardness, toughness and a sharp edged geometry are the most important attributes of the abrasive grain.

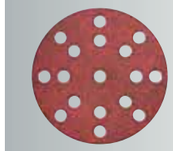
Abrasive grain types are
- Corundum (aluminium oxide) as a hard, slightly brittle grain for the processing of metal, wood, varnish, etc.
- Silicon carbide as a hard, sharp-edged abrasive grain for the processing of lacquer, wood, ceramic, glass and rubber etc.
- Aluminium zirconia as a tough and fine crystalline combination of aluminium oxide and aluminium zircon for the processing of metal and non-rusting materials.

The bonding agent
anchors the abrasive grain in the sanding compound carrier and supports it against the forces generated by the removal of the surface.

Bonding agents are
- Phenolic resins and partially synthetic resins for sufficient support



The quality of Metabo sanding media



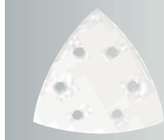
e.g. for random orbital sanders:
Wood + metal »professional«
E-paper, pink aluminium oxide, resin bonded
- High-quality sanding paper with high coarseness and high removal of material
- For best results when sanding wood and metal for professional use

Application:
For veneers, solid wood, polyester, steel and stainless steel sheets, non-ferrous metals, light alloys



For example, for orbital sanders:
Wood »classic«
A/B paper, aluminium oxide, resin/glue bond
- High-quality sanding paper with semi-open coarseness

Application:
For wood generally, solid wood, veneers, plastic, acrylic glass, lacquer, spatula, fillers, e.g. for deburring, cleaning of plywood, veneer, solid wood, lacquered surfaces, deburring of veneered furniture edges

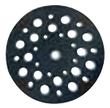


For example, for triangular base-plate sanders:
Paint »professional«
B/C paper, pink grade corundum, stearate-coated, resin bonded
- High-quality sanding paper with semi-open coarseness and high removal of material
- The special stearate coating ensures a long service life by not clogging the sanding medium

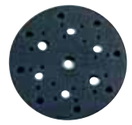
Application:
For best results when sanding off paint, lacquer, body-filler on wood or metal on professional application

Backing Pads and Intermediate Discs

Hook and loop backing pads

	Diameter mm	Hardness	Version	Suitable for	Order no.
	80	Medium-hard	Perforated	SX E 400	624064000*
	122	medium	Perforated	FSX 200 Intec	625658000*
	122	Medium-hard	Perforated	SX E 125	631224000*
	125	Soft	Perforated	SXE 325 Intec, SX E 425, SXE 425 TurboTec	631220000*
	125	Medium-hard	Perforated	SXE 325 Intec, SX E 425, SXE 425 TurboTec	631219000*
	125	Medium-hard	Perforated	SXE 3125	624739000*
	150	Soft	Perforated (6 holes)	SXE 450 TurboTec	631156000*
	150	Medium-hard	Perforated (6 holes)	SX E 450 Duo	631158000*
	150	Medium-hard	Perforated (6 or 8 holes)	SXE 450 TurboTec	631150000*
	125	Medium-hard	multi-hole	SXE 150-2.5 BL, SXE 150-5.0 BL	630264000*
	150	Medium-hard	multi-hole	SXE 150-2.5 BL, SXE 150-5.0 BL	630259000*

*Self-service packaging

	Diameter mm	Hardness	Version	Suitable for	Order no.
	125	Medium-hard	multi-hole	SXE 425 TurboTec, SXE 3125	630261000*
	150	Medium-hard	multi-hole	SXE 450 TurboTec, SXE 3150	630262000*
	150	Medium-hard	Perforated (6 or 8 holes)	SXE 3150	624740000*

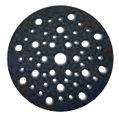
Backing pad, for self-adhesive sanding sheets

- Perforated backing pad, medium-hard version
- For attaching self-adhesive sanding sheets directly on the backing pad

	Diameter mm	Hardness	Version	Suitable for	Order no.
	150	medium	Perforated (6 holes)	SXE 3150, SX E 450 Duo, SXE 450 TurboTec, SXE 3150	631169000*

Hook and loop intermediate discs

- Hook and loop intermediate disc for particularly soft delicate working, for sanding of curved surfaces and contours, as damping element between sanding paper and sanding pad

	Diameter mm	Hardness	Version	Suitable for	Order no.
	80	Soft	Perforated	SX E 400	624061000*
	125	Soft	Unperforated	SX E 425, SXE 325 Intec, FSX 200 Intec, SXE 425 TurboTec, SXE 3125	631216000*
	150	Soft	Unperforated	SXE 3150, SX E 450 Duo, SXE 450 TurboTec, SXE 3150	624037000*
	150	Soft	multi-hole	SXE 150-2.5 BL, SXE 150-5.0 BL	630260000*
	125	Soft	multi-hole	SXE 150-2.5 BL, SXE 150-5.0 BL	630263000*

Accessories for Random Orbital Sanders

Hook and Loop Sanding Sheets for Random Orbital Sanders

Hook and loop sanding sheets for wood and metal, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material for a homogenous finish
- For veneers, solid wood, polyester, steel and stainless steel sheets, non-ferrous metals, light alloys
- e.g. for sanding veneered cabinet fronts and sides, sanding furniture covered with liners with hot-melt type adhesive edges, decorative sanding of stainless steel sheets, sanding-based repair work, and deburring cut sheet metal

	Diameter mm	Grit	Sales unit	Order no.
	**Hook and loop sanding sheets Ø 80 mm, 6 holes**			
	80	P 40	10	**624041000***
	80	P 60	10	**624042000***
	80	P 80	10	**624043000***
	80	P 100	10	**624044000***
	80	P 120	10	**624045000***
	80	P 180	10	**624046000***
	80	P 240	10	**624047000***
	80	P 320	10	**624048000***
	80	P 40	25	**624051000**
	80	P 60	25	**624052000**
	80	P 80	25	**624053000**
	80	P 100	25	**624054000**
	80	P 120	25	**624055000**
	80	P 180	25	**624056000**
	80	P 240	25	**624057000**
	80	P 320	25	**624058000**
	80	P 400	25	**624059000**
	**Hook and loop sanding sheets Ø 125 mm, 8 holes**			
	125	P 40	5	**631226000***
	125	P 60	5	**631227000***
	125	P 80	5	**631228000***
	125	P 120	5	**631229000***
	125	P 180	5	**631230000***
	125	P 240	5	**631231000***
	125	P 320	5	**631236000***
	125	P 40	25	**631584000**
	125	P 60	25	**631585000**
	125	P 80	25	**631586000**
	125	P 120	25	**631587000**
	125	P 180	25	**631588000**
	125	P 240	25	**631589000**
	125	P 320	25	**631596000**
	125	P 400	25	**631597000**
	**Hook and loop sanding sheets Ø 125 mm, »multi-hole«**			
	125	P 40	50	**626848000**
	125	P 60	50	**626849000**
	125	P 80	50	**626850000**
	125	P 100	50	**626851000**
	125	P 120	50	**626852000**
	125	P 180	50	**626853000**
	125	P 240	50	**626854000**
	125	P 320	50	**626855000**
	125	P 400	50	**626856000**
	**Hook and loop sanding sheets Ø 150 mm, 6 holes**			
	150	P 40	5	**624001000***
	150	P 60	5	**624002000***
	150	P 80	5	**624003000***
	150	P 100	5	**624004000***
	150	P 120	5	**624005000***
	150	P 180	5	**624006000***
	150	P 240	5	**624007000***
	150	P 320	5	**624008000***
	150	P 40	25	**624019000**
	150	P 60	25	**624020000**
	150	P 80	25	**624021000**
	150	P 100	25	**624022000**
	150	P 120	25	**624023000**
	150	P 180	25	**624024000**
	150	P 240	25	**624025000**
	150	P 320	25	**624026000**
	150	P 400	25	**624027000**
	**Hook and loop sanding sheets Ø 150 mm, »multi-hole«**			
	150	P 40	50	**626674000**
	150	P 60	50	**626675000**
	150	P 80	50	**626676000**
	150	P 100	50	**626677000**
	150	P 120	50	**626678000**
	150	P 180	50	**626679000**
	150	P 240	50	**626680000**
	150	P 320	50	**626681000**
	150	P 400	50	**626682000**

*Self-service packaging

Hook and loop sanding sheets for paints and lacquers, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material
- Suitable for working with paints and lacquers of all types and filler compounds
- e.g. for deburring, cleaning veneers, solid woods, plywood, and lacquers, deburring furniture veneer

	Diameter mm	Grit	Sales unit	Order no.
	**Hook and loop sanding sheets Ø 80 mm, 6 holes**			
	80	P 40	25	624081000
	80	P 60	25	624082000
	80	P 80	25	624083000
	80	P 100	25	624084000
	80	P 120	25	624085000
	80	P 180	25	624086000
	80	P 240	25	624087000
	80	P 320	25	624088000
	80	P 400	25	624089000
	**Hook and loop sanding sheets Ø 125 mm, 8 holes**			
	125	P 40	25	625726000
	125	P 60	25	625727000
	125	P 80	25	625728000
	125	P 100	25	625729000
	125	P 120	25	625730000
	125	P 180	25	625731000
	125	P 240	25	625732000
	125	P 320	25	625733000
	125	P 400	25	625734000
	**Hook and loop sanding sheets Ø 125 mm, »multi-hole«**			
	125	P 40	50	626857000
	125	P 60	50	626858000
	125	P 80	50	626859000
	125	P 100	50	626860000
	125	P 120	50	626861000
	125	P 180	50	626862000
	125	P 240	50	626863000
	125	P 320	50	626864000
	125	P 400	50	626865000
	**Hook and loop sanding sheets Ø 150 mm, 6 holes**			
	150	P 40	25	624028000
	150	P 60	25	624029000
	150	P 80	25	624030000
	150	P 100	25	624031000
	150	P 120	25	624032000
	150	P 180	25	624033000
	150	P 240	25	624034000
	150	P 320	25	624035000
	150	P 400	25	624036000

	Diameter mm	Grit	Sales unit	Order no.
	**Hook and loop sanding sheets Ø 150 mm, »multi-hole«**			
	150	P 40	50	626683000
	150	P 60	50	626684000
	150	P 80	50	626685000
	150	P 100	50	626686000
	150	P 120	50	626687000
	150	P 180	50	626688000
	150	P 240	50	626689000
	150	P 320	50	626690000
	150	P 400	50	626691000

Sanding Sheet Assortments

Assortments of sanding sheets for wood and metal, »professional« series

- Corundum
- For wood, metal and painted surfaces

		Order no.
	**25 Hook and loop sanding sheets** Assortment (10 x P 60, 10 x P 80, 5 x P 120) Diameter: 80 mm Version: perforated (6 holes) Sales unit: 25	624060000
	**6 Hook and loop sanding sheets** Assortment (2 x P 60, 2 x P 120, 2 x P 240) Diameter: 125 mm Version: perforated (8 holes) Sales unit: 6	631232000*
	**25 Hook and loop sanding sheets** Assortment (10 x P 60, 10 x P 80, 5 x P 120) Diameter: 125 mm Version: perforated (8 holes) Sales unit: 25	631583000
	**25 Hook and loop sanding sheets** Assortment (10 x P 60, 10 x P 80, 5 x P 120) Diameter: 150 mm Version: perforated (6 holes) Sales unit: 25	624066000*
	**Metaloc sanding media set »multi-hole«** Metaloc includes 50 x P 80 (626676000), 50 x P 120 (626678000), 50 x P 180 (626679000) Diameter: 150 mm Version: multi-hole Sales unit: 150	626756000

Sanding sheet assortments for paints and lacquers, »professional« series

		Order no.
	**Metaloc sanding media set »multi-hole«** ■ Corundum abrasive, stearate-coated ■ For metal, filler compound, paints, filler Metaloc includes 50 x P 80 (626685000), 50 x P 120 (626687000), 50 x P 180 (626688000) Diameter: 150 mm Version: multi-hole Sales unit: 150	626755000

*Self-service packaging

Hook and loop polishing sponges



- For high-gloss polishing of slightly soiled, scratched surfaces. For use with polish on curved and even surfaces.

Diameter mm	Thickness mm	Sales unit	Order no.
80	20	1	624092000*
130	20	1	631222000*
160	20	1	631233000*

Hook and loop lambswool polishing discs



- For high-gloss polishing

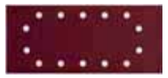
Diameter mm	Sales unit	Order no.
85	1	624063000*
160	1	631217000*
130	1	631223000*

*Self-service packaging

Sanding Sheets for Orbital Sanders

Sanding sheets wood and metal, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material
- For veneers, solid wood, polyester, steel and stainless steel sheets, non-ferrous metals, light alloys
- For sanding veneered cabinet fronts and sides, sanding furniture covered with liners with hot-melt type adhesive edges, decorative sanding of stainless steel sheets, sanding-based repair work, and deburring cut sheet metal etc.

	Dimensions mm	Grit	Sales unit	Order no.
	**Hook and loop sanding sheets 93 x 185 mm, 8 holes, with hook and loop**			
	93 x 185	P 40	10	625765000*
	93 x 185	P 60	10	625766000*
	93 x 185	P 80	10	625767000*
	93 x 185	P 100	10	625768000*
	93 x 185	P 120	10	625769000*
	93 x 185	P 180	10	625770000*
	93 x 185	P 240	10	625771000*
	**Sanding sheets 93 x 230 mm, 8 holes, for clamping**			
	93 x 230	P 40	10	624480000*
	93 x 230	P 60	10	624481000*
	93 x 230	P 80	10	624482000*
	93 x 230	P 100	10	624483000*
	93 x 230	P 120	10	624484000*
	93 x 230	P 180	10	624485000*
	93 x 230	P 240	10	624486000*
	**Hook and loop sanding sheets 103 x 115 mm, 6 holes, with hook and loop**			
	103 x 115	P 40	10	625619000*
	103 x 115	P 60	10	625620000*
	103 x 115	P 80	10	625621000*
	103 x 115	P 100	10	625622000*
	103 x 115	P 120	10	625623000*
	103 x 115	P 180	10	625624000*
	103 x 115	P 240	10	625625000*
	**Hook and loop sanding sheets 115 x 230 mm, 14 holes, with hook and loop**			
	115 x 230	P 40	10	625786000*
	115 x 230	P 60	10	625787000*
	115 x 230	P 80	10	625788000*
	115 x 230	P 100	10	625789000*
	115 x 230	P 120	10	625790000*
	115 x 230	P 180	10	625791000*
	115 x 230	P 240	10	625792000*
	115 x 230	P 320	10	625793000*
	**Sanding sheets 115 x 280 mm, 14 holes, for clamping**			
	115 x 280	P 40	10	624491000*
	115 x 280	P 60	10	624492000*
	115 x 280	P 80	10	624493000*
	115 x 280	P 100	10	624494000*
	115 x 280	P 120	10	624495000*
	115 x 280	P 180	10	624496000*
	115 x 280	P 240	10	624497000*

Sanding sheets for wood, »classic« series

- High-quality sanding paper with semi-open coarseness
- For all woods, solid wood, veneers, plastics, acrylics, lacquers, putty, filling compounds
- For deburring, cleaning of plywood, veneers, solid woods, lacquers and deburring furniture veneer etc.

	Dimensions mm	Grit	Sales unit	Order no.
	**Sanding sheets 93 x 230 mm, 8 holes, for clamping**			
	93 x 230	P 40	10	624826000*
	93 x 230	P 60	10	624827000*
	93 x 230	P 80	10	624828000*
	93 x 230	P 100	10	624829000*
	93 x 230	P 120	10	624830000*
	93 x 230	P 180	10	624831000*
	93 x 230	P 240	10	624832000*

Sanding sheets for paints and lacquers, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material
- Suitable for working with paints and lacquers of all types and filler compounds
- For deburring, cleaning of plywood, veneers, solid woods, lacquers and deburring furniture veneer etc.

	Dimensions mm	Grit	Sales unit	Order no.
	**Hook and loop sanding sheets 93 x 185 mm, 8 holes, with hook and loop**			
	93 x 185	P 40	25	625881000
	93 x 185	P 60	25	625882000
	93 x 185	P 80	25	625883000
	93 x 185	P 100	25	625884000
	93 x 185	P 120	25	625885000
	93 x 185	P 180	25	625886000
	93 x 185	P 240	25	625887000
	93 x 185	P 320	25	625888000
	**Hook and loop sanding sheets 103 x 115 mm, 6 holes, with hook and loop**			
	103 x 115	P 80	10	625641000*
	103 x 115	P 120	10	625643000*
	103 x 115	P 180	10	625644000*
	103 x 115	P 240	10	625645000*
	103 x 115	P 320	10	625646000*
	**Hook and loop sanding sheets 115 x 230 mm, 14 holes, with hook and loop**			
	115 x 230	P 40	25	625891000
	115 x 230	P 60	25	625892000
	115 x 230	P 80	25	625893000
	115 x 230	P 100	25	625894000
	115 x 230	P 120	25	625895000
	115 x 230	P 180	25	625896000
	115 x 230	P 240	25	625897000
	115 x 230	P 320	25	625898000

*Self-service packaging

Sanding Sheet Assortments

Assortment of sanding sheets for wood and metal, »professional« series

		Order no.
	**10 Sanding sheets** Assortment (2 each of P 40, P 80, P 120, P 180 and P 240) Dimensions: 93 x 230 mm Version: perforated (8 holes)	624490000*
	**10 Hook and loop sanding sheets** Assortment (2 each of P 40, P 80, P 120, P 180 and P 240) Dimensions: 93 x 185 mm Version: perforated (8 holes)	625774000*
	**10 Hook and loop sanding sheets** Assortment (2 each of P 40, P 80, P 120, P 180 and P 240) Dimensions: 115 x 230 mm Version: perforated (14 holes)	625795000*

Nylon Webs



- Suitable for sanding, roughing, cleaning, degreasing and matting of wooden materials, paints, lacquers and metals, as well as to produce decorative surfaces.

Dimensions mm	Grit	Sales unit	Order no.
93 x 250	Coarse	5	624723000*
93 x 250	medium	5	624722000*
93 x 250	Very fine	5	624721000*
115 x 295	Coarse	5	624727000*
115 x 295	medium	5	624726000*
115 x 295	Very fine	5	624725000*

Abrasive Mesh



- Particularly suited for sanding gypsum plaster and plasterboard.

Dimensions mm	Grit	Sales unit	Order no.
93 x 250	P 120	5	624724000*
115 x 295	P 120	5	624728000*

Additional Accessories for Sanders

Perforated hook and loop sanding pads

		Order no.
	**Sanding plate 92 x 184 mm** ■ Perforated, hook and loop sanding pads for SR 2185 / SRE 3185 (as spare)	624729000*
	**Sanding plate 92 x 190 mm** ■ The sanding pad of orbital sanders Sr 356/Sr E 357 can be replaced by the hook and loop base-plate	624736000*
	**Sanding plate 112 x 230 mm** ■ Perforated, hook and loop sanding pad for SRE 4351 TurboTec (as spare)	624737000*
	**Sanding plate 93 x 185 mm** ■ Perforated, hook and loop sanding pad for SRE 4350 TurboTec (as spare)	624738000*
	**Sanding plate 112 x 236 mm** ■ The sanding pad of orbital sanders Sr 358/Sr E 359 can be replaced by the hook and loop sanding pad	624749000*
	**Sanding plate perforated 112 x 144 mm** ■ Perforated, hook and loop sanding pad FSR 200 Intec (as spare)	625657000*

Sanding Pads with Hook and Loop

	Order no.
 **Sanding pad, perforated** Sanding pad for FMS 200 Intec (as spare) Dimensions: 147 x 100 mm	625600000*

Hook and Loop Sanding Sheets for Multi Sanders

Hook and loop sanding sheets for wood, »classic« series

- High-quality sanding paper with semi-open coarseness
- For all woods, solid wood, veneers, plastics, acrylics, lacquers, putty, filling compounds
- For deburring, cleaning of plywood, veneers, solid woods, lacquers and deburring furniture veneer etc.

	Dimensions mm	Grit	Sales unit	Order no.
	**Hook and loop sanding sheets 100 x 150 mm, 11 holes, 2 pieces**			
	100 x 150	P 40	10	625603000*
	100 x 150	P 60	10	625604000*
	100 x 150	P 80	10	625605000*
	100 x 150	P 100	10	625606000*
	100 x 150	P 120	10	625607000*
	100 x 150	P 180	10	625608000*
	100 x 150	P 240	10	625609000*
	Assortment (2 each of P 60, P 80, P 120, P 180 and P 240)			625610000*

Hook and loop sanding sheets for paints and lacquers, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material
- Suitable for working with paints and lacquers of all types and filler compounds
- For deburring, cleaning veneers, solid woods, plywood, lacquers and deburring furniture veneer etc.

	Dimensions mm	Grit	Sales unit	Order no.
	**Hook and loop sanding sheets 100 x 150 mm, 11 holes, 2 pieces**			
	100 x 150	P 40	10	625611000*
	100 x 150	P 60	10	625612000*
	100 x 150	P 80	10	625613000*
	100 x 150	P 100	10	625614000*
	100 x 150	P 120	10	625615000*
	100 x 150	P 180	10	625616000*
	100 x 150	P 240	10	625617000*
	Assortment (2 each of P 40, P 80, P 120, P 180 and P 240)			625618000*

*Self-service packaging

Base Plates

Perforated hook and loop sanding pads

	Order no.
 **Perforated hook and loop sanding pad** For the triangular base-plate sanders DS E 170 and DS E 180 (as spare) Dimension from corner to corner: 93 mm	624970000*
 **Perforated hook and loop sanding pad** For the triangular base-plate sanders DSE 280, DSE 300 and DSE 300 Intec (as spare) Dimension from corner to corner: 90 mm	624992000*

Special lamellar base-plate

	Order no.
 **Special lamellar base-plate** For triangular base-plate sander DSE 170/ 180/ 280/300. Hook and loop at the bottom side. The self-adhesive hook and loop liner supplied can be fitted to the top of this base-plate so that hook and loop sanding sheets can be fitted for top and bottom sanding of louvres.	624971000*

Self-adhesive hook and loop liner

	Order no.
 **Self-adhesive liner** Self-adhesive hook and loop liner (as spare for special lamellar base-plate 624971000)	624972000*

Hook and Loop Sanding Sheets for Triangular Base Plate Sanders and Multi-Tool

Hook and loop sanding sheets for wood and metal, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material for a homogenous finish
- For veneers, solid wood, polyester, steel and stainless steel sheets, non-ferrous metals, light alloys
- For sanding veneered cabinet fronts and sides, sanding furniture covered with veneers with hot-melt type adhesive edges, decorative sanding of stainless steel sheets, sanding-based repair work, and deburring cut sheet metal

	Dimensions mm	Grit	Sales unit	Order no.
	**Hook and loop sanding sheets 93 x 93 mm, 6 holes**			
	93 x 93	P 40	5	624940000*
	93 x 93	P 60	5	624941000*
	93 x 93	P 80	5	624942000*
	93 x 93	P 100	5	624943000*
	93 x 93	P 120	5	624944000*
	93 x 93	P 180	5	624945000*
	93 x 93	P 240	5	624946000*
	93 x 93	P 320	5	624947000*
	93 x 93	P 40	25	624980000
	93 x 93	P 60	25	624981000

	Dimensions mm	Grit	Sales unit	Order no.
	93 x 93	P 80	25	624982000
	93 x 93	P 100	25	624983000
	93 x 93	P 120	25	624984000
	93 x 93	P 180	25	624985000
	93 x 93	P 240	25	624986000
	93 x 93	P 320	25	624987000
	Assortment (10 x P 60, 10 x P 80, 5 x P 120)			624988000

Hook and loop sanding sheets for paints and lacquers, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material
- Suitable for working with paints and lacquers of all types and filler compounds
- For deburring, cleaning veneers, solid woods, plywood, and lacquers, deburring furniture veneer

	Dimensions mm	Grit	Sales unit	Order no.
	**Hook and loop sanding sheets 93 x 93 mm, 6 holes**			
	93 x 93	P 40	25	625681000
	93 x 93	P 60	25	625682000
	93 x 93	P 80	25	625683000
	93 x 93	P 100	25	625684000
	93 x 93	P 120	25	625685000
	93 x 93	P 180	25	625686000
	93 x 93	P 240	25	625687000
	93 x 93	P 320	25	625688000

Hook and Loop Abrasive Nylon Web, Corundum Abrasive



- Used for structuring wood (applying a rustic appearance), for removing rust from metal and for sanding paints (tarnishing)

Grit	Order no.
P 100	624958000*
P 280	624959000*

Accessories for Dust Extraction

		Order no.
	10 Dust filters For the dust collector cartridge 624993000 of the DSE 300 Intec and the DSE 280 Intec	624995000*
	**Extraction nozzles** ■ For external dust extraction for the DSE 300/ DSE 300 Intec and the DSE 280 Intec	624994000*
	**Adapter 30/35 mm** ■ For connecting the suction hose with connector Ø 35 mm to an extraction nozzle Ø 30 mm	624996000

*Self-service packaging

Dust bag holders

		Order no.
	**Dust bag holder, complete** As spare, with 1 dust bag suitable for orbital sanders / multi sanders: Sr 356, Sr E 357, Sr 358, Sr E 359 suitable for random orbital sanders: SX E 425, SX E 425 XL, SX E 450 Duo	631289000*

Dust bags (paper)

		Order no.
	**Dust bag** Without dust bag holder 631385000, as spare. pack of 5 suitable for orbital sanders / multi sanders: Sr 226, Sr E 227, Sr 216, Sr E 217, Sr 326, Sr E 327, Sr 328, Sr E 329 suitable for random orbital sanders: SX E 125	631286000*
	**Dust bag** Without dust bag holder 631289000, as spare, pack of 5 suitable for orbital sanders / multi sanders: Sr 356, Sr E 357, Sr 358, Sr E 359 suitable for random orbital sanders: SX E 425, SX E 425 XL, SX E 450 Duo	631288000*

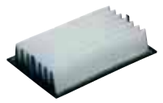
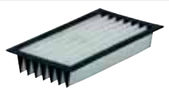
Dust bags

		Order no.
	**Textile dust bag** With connector, for the Metabo orbital sanders with dust extraction. Can be used in place of the dust bag holder supplied suitable for orbital sanders / multi sanders: Sr 226, Sr E 227, Sr 216, Sr E 217, Sr 326, Sr E 327, Sr 328, Sr E 329 suitable for random orbital sanders: SX E 125	631235000*
	**Textile dust bags** Easy to empty textile dust bag for working without extraction facilities suitable for orbital sanders / multi sanders: SR 2185, SRE 3185 suitable for random orbital sanders: SXE 3125, SXE 3150	631287000*
	**Textile dust bag** Can be used in the dust bag holder (631288000) instead of the paper dust bag provided (631289000) suitable for orbital sanders / multi sanders: Sr 356, Sr E 357, Sr 358, Sr E 359 suitable for random orbital sanders: SX E 425, SX E 425 XL, SX E 450 Duo	631758000*

Dust collector cartridges

		Order no.
	**Dust collection cartridge** With pleated filter 631980000, can be cleaned several times Suitable for orbital sanders/multi sanders: SRE 4350 TurboTec, SRE 4351 TurboTec	625598000*
	**Dust collection cartridge** With pleated filter 631980000, can be cleaned several times Suitable for random orbital sanders: SXE 425 TurboTec, SXE 450 TurboTec	625599000*
	**Dust collection cartridge** Dust collector cartridge including dust filter 625602000 Suitable for orbital sanders/multi sanders: FMS 200 Intec, FSR 200 Intec Suitable for random orbital sanders: FSX 200 Intec	625601000*
	**Dust collection cartridge** With pleated filter 631980000, can be cleaned several times Included in scope of delivery for SR 10-23 Intec / SXE 325 Intec Suitable for orbital sanders/multi sanders: SR 10-23, SR 10-23 Intec, SR 20-23, SR 180 suitable for random orbital sander: SXE 325 Intec	631981000

Pleated filters

		Order no.
	**Pleated filter** Pleated filter, polyester, for dust collector cartridge 625601000 Suitable for orbital sanders/multi sanders: FMS 200 Intec, FSR 200 Intec Suitable for random orbital sanders: FSX 200 Intec	625602000*
	**Pleated filter** Polyester (as spare), for the dust collector cartridges 631981000, 625599000, 625598000 Suitable for orbital sanders/multi sanders: SR 10-23, SR 10-23 Intec, SR 20-23, SRE 4350 TurboTec, SRE 4351 TurboTec, SR 180 Suitable for random orbital sanders: SXE 425 TurboTec, SXE 450 TurboTec	631980000*

Connector

		Order no.
	**Connector** ■ Connector Ø 35 mm for connecting to a normal vacuum cleaner Suitable for orbital sanders/multi sanders: FMS 200 Intec, FSR 200 Intec Suitable for random orbital sanders: FSX 200 Intec	626996000*

*Self-service packaging

Sanding Belts for Belt Sanders

Sanding belts for wood and metal, »professional« series

- High-quality sanding paper with high coarseness and high removal of material
- For veneers, solid wood, polyester, steel and stainless steel sheets, non-ferrous metals, light alloys
- For sanding veneered cabinet fronts and sides, sanding furniture covered with liners with hot-melt type adhesive edges, sanding-based repair work, and deburring cut sheet metal etc.

	Dimensions mm	Grit	Sales unit	Order no.
	**Sanding belts 75 x 533 mm**			
	75 x 533	P 40	3	631001000*
	75 x 533	P 60	3	631002000*
	75 x 533	P 80	3	631003000*
	75 x 533	P 100	3	631004000*
	75 x 533	P 120	3	631005000*
	75 x 533	P 180	3	631006000*
	75 x 533	P 240	3	631007000*
	75 x 533	P 320	3	631008000*
	75 x 533	P 40	10	625929000*
	75 x 533	P 60	10	625930000*
	75 x 533	P 80	10	625931000*
	75 x 533	P 100	10	625932000*
	75 x 533	P 120	10	625933000*
	**Sanding belts 75 x 575 mm**			
	75 x 575	P 40	3	625940000*
	75 x 575	P 60	3	625941000*
	75 x 575	P 80	3	625942000*
	75 x 575	P 100	3	625943000*
	75 x 575	P 120	3	625944000*
	Sanding belts 180 x 1550 mm			
	180 x 1,550	P 60	2	631190000
	180 x 1,550	P 80	2	631191000
	180 x 1,550	P 100	2	631192000
	180 x 1,550	P 150	2	631193000
	180 x 1,550	P 80	2	631195000

Sanding Belt Assortments

Assortment of sanding belts for wood and metal, »professional« series

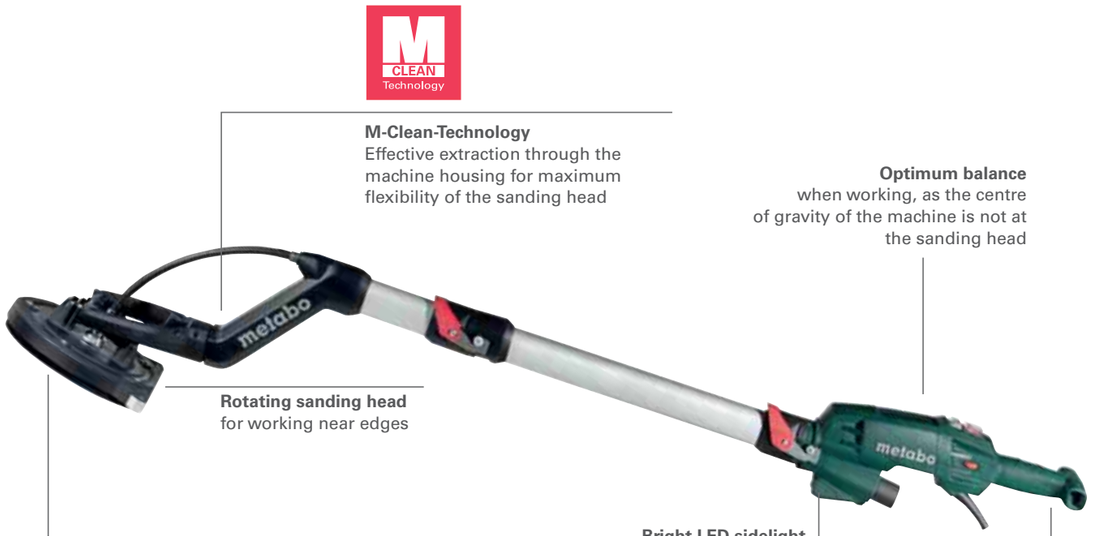
		Order no.
	**3 Sanding belts** Assortment (each 1 x P60, P80, P100) Dimensions: 75 x 533 mm	625928000*

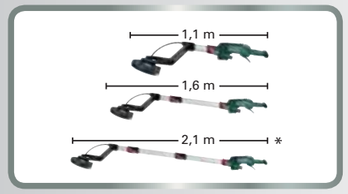
Additional Accessories for Belt Sanders

		Order no.
	Bases for Sanding Belts Made from graphite-coated fabric; suitable for Ba E 1075 Sales unit: 2	631034000*
	**Bases for Sanding Belts** Made from graphite-coated fabric; granular version; Dimensions 84 x 160 mm; suitable for BAE 75 Sales unit: 2	631114000*

Long-neck sanders: Light, adaptable, practical.

Faster, more adaptable, cleaner: needs voiced by pros when sanding walls and ceilings. Whether sanding close to edges or the need for optimal extraction – our new long-neck sanders fulfil all the desired criteria with distinction so that you can more easily achieve your goal: precise surface finishing! In the system combination with the vacuum cleaners ASR 35 L, M or H ACP and the matching sanding media, optimum work results and maximum productivity are achieved.





Variable length adjustment (LSV 5-225 Comfort):
can be shortened or extended quickly and easily for narrow rooms or high rooms
*extension 626665000 to 2.1 m available as accessory



The LSV 5-225 is a lightweight at only 3.8 kg.



Maximum productivity
with the right system:
in combination with the ASR 35 L ACP or ASR 35 M ACP vacuum cleaner with automatic filter cleaning and grinding media from the extensive range of accessories





Technical data	Long-neck Sander LSV 5-225	Comfort Long-neck Sander LSV 5-225
Sanding disc diameter	225 mm	225 mm
No-load speed	1,000 - 1,650 /min	1,000 - 1,650 /min
Rated input power	500 W	500 W
Output power	270 W	270 W
Adjustable machine length	1.6 m	1.1 m / 1.6 m / 2.1 m
Weight (without mains cable)	3.8 kg	4.5 kg
Cable length	4 m	4 m
Scope of delivery		
Order no.	**600103**	**600136**
Sanding pad (very soft)	■	■
Hook and loop sanding sheets with multi-perforation (1 each of P80, P100, P120, P150)	■	■
Flexible shaft (as replacement)	■	■
Coupling bush	■	■
Hexagonal wrench	■	■
Tool bag	■	
Extension		■
Plastic carry case		■

Product advantages

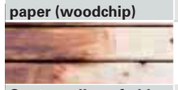
- Low weight reduces fatigue when working continuously
- Optional LED side light to help detect imperfections and serrations
- Variable length adjustment: can be shortened or extended without tools for narrow rooms or high ceiling rooms
- Extendable to an overall length of 2.1 m with additional extension (accessory)

- For convenient sanding of primed surfaces on walls or ceilings
- Optimum balance when working, as the centre of gravity of the machine is not at the sanding head
- M-Clean technology: Effective extraction through the machine housing for maximum flexibility of the sanding head
- Sanding near edges, corners and adjoining sections - time-saving and effective
- Ideal adaptation of the flexible sanding head to the surface for good work results
- Optimum extraction results thanks to spring-mounted brush rim that adapts to the surface.
- Vario-Constamatic (VC)-Full wave electronics for working at customised speeds to suit the application materials, and speeds that remain almost constant even under load
- Ergonomically shaped aluminium handle bar and T-handle for comfortable use in different positions
- Simple, quick and tool-free exchangeable shaft can be adjusted directly on site if needed
- Putting the machine down without kinking the hose and cable
- With extensive range of grinding media for every application

System components

Accessories → 362
Extraction systems → 453

Which sanding media for which application?

Area of application	Hook and loop sanding sheets, »professional«, multi-perforation	Hook and loop sanding sheets, »professional«, stearate coated	Abrasive Mesh	Hook and loop sanding sheets, »professional«, SiC	Nylon Web	Sanding pad, soft, Ø 225 mm order no. 626662000	Sanding pad, hard, Ø 225 mm order no. 626661000
	■	■	■			■	■
Sanding of compound seams	P40 - P120	P40 - P120	P80 - P120			for soft filler compound	for hard filler compound
	■	□	□			■	■
Sand full-surface filled areas	P80 - P180	P80 - P180	P80 - P120			for soft filler compound	for hard filler compound
	■	■				■	■
Surface fine polish (high-quality reworking)	P180 - P220	P180 - P220					
	■	■	□			■	■
Removal of wall paper residue	P100 - P180	P100 - P180	P100				
	□	■	■				■
Spot sanding / sanding of old paint layers	P40 - P100	P40 - P100	P80 - P120				
	■	■	■				■
Spot sanding of base coat	P80 - P100	P80 - P100	P80				
				■			■
Spot sanding of insulation boards (e.g. Styrofoam)/joints				P16			
				■			■
Spot sanding of surfaces with wallpaper (woodchip)				P16			
					■	■	■
Spot sanding of old paint layers prior to applying a new layer					A100 - A180		

□ Well suited ■ Highly suitable

Sanding Sheets for Long-neck Sanders

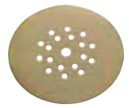
Hook and loop sanding sheets, »professional« series



- High-quality silicone carbide sanding paper for spot sanding and roughing of surfaces such as styrofoam boards for thermal insulation, as well as for woodchip for faster absorption of liquids when removing wallpaper.

Diameter mm	Grit	Sales unit	Order no.
225	P 16	10	626640000*

Hook and loop sanding sheets for filler, paints and lacquers, »professional« series



- High-quality sanding paper with very open coarseness and high removal of material. From grit 150 stearate-coated
- Especially for processing fillings in drywall construction, and for paint, varnish.

Diameter mm	Grit	Sales unit	Order no.
225	P 40	25	626641000*
225	P 60	25	626642000*
225	P 80	25	626643000*
225	P 100	25	626644000*
225	P 120	25	626645000*
225	P 150	25	626646000*
225	P 180	25	626647000*
225	P 220	25	626648000*

Hook and loop sanding sheets with multi-perforation for filler, paints and lacquers, »professional« series



- High-quality sanding paper, full-surface perforated, with high removal of material
- Particularly effective extraction thanks to the full-surface perforation and special hook and loop layer for low-dust working
- Minimized clogging of the grinding media, providing greater material removal and longer tool life.
- Especially for processing fillings in drywall construction, and for paint, varnish.

Diameter mm	Grit	Sales unit	Order no.
225	P 40	25	626649000
225	P 60	25	626650000
225	P 80	25	626651000
225	P 100	25	626652000
225	P 120	25	626653000
225	P 150	25	626654000
225	P 180	25	626655000
225	P 220	25	626656000

Nylon Webs for Long-neck Sanders



- Suitable for spot-grinding, roughening, degreasing and matting of surfaces
- Particularly suited for spot sanding of glazed wooden surfaces e.g. glazed slot and spring board connections.

Diameter mm	Grit	Sales unit	Order no.
225	A 100	10	626659000
225	A 280	10	626660000

Abrasive Mesh for Long-neck Sanders



- Especially for processing fillings in drywall construction
- Suitable for pliable areas that are not yet completely set.

Diameter mm	Grit	Sales unit	Order no.
225	P 80	25	626657000*
225	P 100	25	626658000*
225	P 120	25	626666000*

Further Accessories for Long-neck Sanders

	Order no.
 **Sanding pad hard** ■ Particularly suited for high material removal. Diameter: 225 mm Hardness: hard Version: perforated (18 holes)	626661000*
 **Sanding pad** ■ Very soft, flexible sanding pad, particularly suited for curved, uneven surfaces ■ Standard version of the long-neck grinder Diameter: 225 mm Hardness: very soft Version: perforated (18 holes)	626662000*

	Order no.
 **Replacement brush rim** ■ Replacement brush rim long-neck sander	626663000*

	Order no.
 **Flexible shaft** ■ Replacement shaft as contained in the scope of delivery ■ Simple, quick and tool-free exchangeable shaft easily changed on site if needed	626664000*

	Order no.
 **Extension** ■ Provides a machine length of 2.1 m ■ Installation without tools ■ Easy and safe storage in the machine case ■ Length: 550 mm	626665000*

*Self-service packaging



Technical data	Router and grinder motor FME 737
No-load speed	13,000 - 34,000 /min
Rated input power	710 W
Output power	430 W
Revolutions at rated load	24,000 /min
Collet chuck bore	8 mm
Weight (without mains cable)	1.4 kg
Cable length	4 m

Scope of delivery

Order no.	600737
2 open-jawed spanners	■

Product advantages

- Hardened and ground interchangeable collet chuck for precise concentricity of tools
- Metabo Marathon-motor with patented dust protection for long service life
- Vario-Constamatic (VC)-Full wave electronics for working at customised speeds to suit the application materials, and speeds that remain almost constant even under load
- Thumbwheel for speed preselection
- Electronic overload protection for long service life
- Restart protection: prevents unintentional start-up after power supply interruption
- Electronic safety shutdown of the motor for safe working in case the tool stops unexpectedly
- Auto-stop carbon brushes to protect the motor
- Motor can be upgraded to a router using the moulding/ routing attachment (accessory)
- Suitable for actuating flexible shafts



Technical data	Router OFE 738
Maximum stroke height	50 mm
No-load speed	13,000 - 34,000 /min
Rated input power	710 W
Output power	430 W
Revolutions at rated load	24,000 /min
Collet chuck bore	8 mm
Weight (without mains cable)	3 kg
Cable length	4 m

Scope of delivery

Order no.	600738
Parallel guide / Rip fence	■
Extraction connector	■
Open-jawed spanner	■

Product advantages

- Robust and torsion-resistant 2-column guide for highest precision
- Hardened and ground interchangeable collet chuck for precise concentricity of tools
- Spindle lock for easy router bit change
- Metabo Marathon-motor with patented dust protection for long service life
- Vario-Constamatic (VC)-Full wave electronics for working at customised speeds to suit the application materials, and speeds that remain almost constant even under load
- Thumbwheel for speed preselection
- Restart protection: prevents unintentional start-up after power supply interruption
- Electronic safety shutdown of the motor for safe working in case the tool stops unexpectedly
- Aluminium die cast base plate with coating for easy sliding
- Auto-stop carbon brushes to protect the motor
- Can also be used on the guide rail using an intermediate plate (accessory)
- Bayonet fitting of the motor in moulding/routing attachment; suitable for use with flexible shafts
- Extraction possibility by means of connecting an all-purpose vacuum cleaner

System components

Accessories → 367 | Extraction systems → 453



Technical data	Router Of E 1229 Signal
Maximum stroke height	50 mm
No-load speed	5,000 - 25,500 /min
Rated input power	1,200 W
Output power	780 W
Revolutions at rated load	25,500 /min
Collet chuck bore	8 mm
Weight (without mains cable)	3.5 kg
Cable length	4 m

Scope of delivery

Order no.	601229
Fine adjustment parallel guide/rip fence	■
Dial gauge for fine adjustment	■
Extraction connector	■
Open-jawed spanner	■

Product advantages

- Dial gauge for fine tuning the cutting depth in 0.1. mm increments
- Three-level stop to preselect up to 3 different cutting depths
- Robust and torsion-resistant 2-column guide for highest precision
- Hardened and ground interchangeable collet chuck for precise concentricity of tools
- Spindle lock for easy router bit change
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for work with materials requiring customised speeds, which remain constant under load
- Thumbwheel for speed preselection
- Overload protection: protects the motor from overheating
- Aluminium die cast base plate with coating for easy sliding
- Auto-stop carbon brushes to protect the motor
- Precise parallel guide/rip fence guided in prisms with fine adjustment for precise milling
- Can also be used on the guide rail using an intermediate plate (accessory)
- Extraction possibility by means of connecting an all-purpose vacuum cleaner

System components

Accessories → 367

Extraction systems → 453

Collets

for OFE 738, Of E 1229 Signal, FME 737



Collet bore	Version	Order no.
3 mm	hexagon	631947000*
1/8" (3.18 mm)	hexagon	631948000*
6 mm	hexagon	631945000*
6 mm	double flat	630820000
8 mm	hexagon	631946000*
1/4" (6.35 mm)	double flat	631949000

For Of E 1812



Collet bore	Version	Order no.
8 mm	hexagon	631567000

Accessories for Routers OFE 738 and Of E 1229 Signal

		Order no.
	**Parallel guide** ■ Parallel guide/rip fence with fine adjustment for routers OFE 738 and Of E 1229 Signal (supplied as standard)	631507000
	**Guide with guide roller** ■ For fitting on the parallel guide/rip fence of routers OFE 738 and Of E 1229 Signal, for moulding/routing curved edges	630360000
	**Circle-cutting centering pin** ■ For using in the parallel guide/rip fence of routers OFE 738 and Of E 1229 Signal, for milling circular grooves and similar work	631504000
	**Intermediate plate** ■ For fixing on the base plate of routers OFE 738 and Of E 1229 Signal, especially suited for trimming edging strips flush with edges	631503000
	**Circle-cutting guide** ■ For cutting out round openings, moulding/routing circular grooves, rounding off corners, etc., maximum circle diameter 350 mm	631505000

Template followers



■ For engraving text etc. using a template clamped on to the workpiece

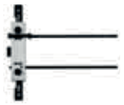
Diameter mm	Order no.
9	630105000
11	630106000
17	630118000
24	630119000
27	630120000
30	630121000

*Self-service packaging

Guide rail

	Order no.
 **Guide rail** ■ Guide rail made of sturdy, anodised aluminium extrusion ■ Anti-slip backing provides safe and reliable support and protects the work piece surface against scratches ■ Guide rule, adjustable to eliminate play suitable for: Metabo jigsaws, circular saws and router models OFE 738 and Of E 1229 Signal (when using the appropriate accessories; KS 55 FS, KSE 55 Vario Plus, KS 66 Plus, KSE 68 Plus can be used directly); also suitable for the CED 125 Plus dust extraction shroud in connection with an angle grinder Overall length: 1,500 mm	631213000

Router guide

	Order no.
 **Router guide** ■ Enables moulding/routing with routers OFE 738 and Of E 1229 Signal along the precision guide rails For these tasks the 631503000 intermediate plate must be fitted to the router's base plate	631248000

Other Accessories for the Router and Grinder Motor

Moulding/routing attachment

	Order no.
 **Moulding/routing attachment** ■ With this moulding/routing attachment, router and grinder motor FME 737 can be converted into a router	631501000

Flexible shafts

	Order no.
 **Flexible shaft 27609** ■ Suitable for speeds of 20,000 to 30,000 rpm ■ Bearing-mounted at both ends ■ For router bits, mounted points, flap wheels etc. with 6 mm shaft diameter. Interchangeable collet for accessories with 3 mm shaft diameter available as accessory (630715000) ■ 6 mm driving shaft for fixing the flexible shaft in the collet bore of the drive machine. If the collet bore of the drive machine has a different dimension than 6 mm, the collet of the drive machine must be changed. 6 mm collet available as accessory (631945000) suitable for routers: FME 737 suitable for die grinders: G 500, GE 700, GE 710 Compact, GE 710 Plus Length: 1.3 m Driving shaft: 6 mm Collet bore: 6 mm Weight: 0.8 kg	627609000*

	Order no.
 **Flexible shaft 30980** ■ Suitable for speeds of 7,500 to 30,000 rpm ■ Bearing-mounted at both ends ■ For router bits, mounted points, flap wheels etc. with 8 mm shaft diameter. Interchangeable collet for accessories with 6 mm shaft diameter (630977000) and 3 mm shaft diameter (630976000) available as accessory ■ 8 mm driving shaft for fixing the flexible shaft in the collet bore of the drive machine. If the collet bore of the drive machine has a different dimension than 8 mm, the collet of the drive machine must be changed. 6 mm collet available as accessory (631945000) suitable for routers: FME 737 suitable for die grinders: G 500, GE 700, GE 900 Plus, GE 710 Compact, GE 710 Plus, GE 950 G Plus Length: 1.3 m Driving shaft: 8 mm Collet bore: 8 mm Weight: 0.8 kg	630980000*

Collets for flexible shafts

	Collet bore	Order no.
	**Collets for flexible shaft 630980000** ■ To attach the carbide router bits, mounted points etc. to the flexible shaft	
	3 mm	630976000
	6 mm	630977000
	8 mm	630979000
	**Collets for flexible shaft 627609000** ■ For fixing the carbide router bits, mounted points, etc. on the flexible shaft	
	6 mm	630714000
	3 mm	630715000

Clamping stand

	Order no.
 **Clamping stand** ■ For safe clamping of drills and impact drills as well as die grinders and the motor of the router when working with flexible shafts. Aperture Ø 43 mm. The clamp (627107000) serves for the secure fixing	627354000*

Clamp

	Order no.
 **Clamp** ■ For the secure fixing on a work table	627107000*

*Self-service packaging



Technical data	Paint Remover LF 724 S
Torque	2 Nm
Cutting edge cycle	80 mm
Maximum notch depth	unlimited
Lateral cutting height	28 mm
Axial cutting depth	0 - 0.3 mm
Radial cutting depth	0.15 mm
Rated input power	710 W
Output power	430 W
No-load speed	10,000 /min
Revolutions at rated load	6,700 /min
Weight (without mains cable)	2.4 kg
Cable length	4 m

Scope of delivery

Order no.	600724 [1]
4 Carbide reversible blades	■
Extraction connector	■
Adjusting wrench with handle	■
Combo-spanner	■
Plastic carry case	■

[1] also available in 120 V (North/Latin America)

Product advantages

- Only from Metabo: the problem solver for renovation work. Saves up to 70% of time when compared to conventional working methods
- For the environmentally-friendly removal of paint and varnish from even wooden surfaces, such as stairs, doors and windows
- Suitable for processing untreated wood
- Suitable for processing notches by virtue of lateral blades
- Variably adjustable cutting depth
- Die cast aluminium gear housing for optimum heat dissipation and long service life
- Carbide reversible blade, can be used on four sides for a long service life
- Extraction possibility by means of connecting an all-purpose vacuum cleaner

System components

Accessories → 372 | Extraction systems → 453

18 V



Technical data	Cordless Planer HO 18 LTX 20-82
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Planing width	82 mm
Adjustable planing depth	0 - 2.0 mm
Maximum notch depth	9 mm
No-load speed	16,000 /min
Length of planer base	295 mm
Weight (including battery pack)	3.5 kg

Scope of delivery

Order no.	602082
1 Set of disposable planer blades	■
Parallel guide / Rip fence	■
Depth gauge	■
Chip ejection adapter	■
Textile dust bags	■
2 Li-Power battery packs (18 V/4.0 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■

Product advantages

- Light, compact cordless planer for planing, rebating and chamfering
- Adjustable planing depth and notch depth
- Aluminium die cast and milled cut planer base with V-groove for easy chamfering
- Parallel guide / rip fence for precise guiding of the planer
- Grip area with non-slip soft-grip surface
- Extraction possibility by means of connecting an all-purpose vacuum cleaner
- Angled chip ejection adapter for controlled ejection of the wood shavings
- Easy to empty textile dust bag for working without extraction facilities
- Strap on the planer base for stopping the machine and to protect the work piece
- Easy blade change of the robust reversible carbide planer blades
- Soft start and overload protection for long service life of motor and drive



Technical data	Planer HO 26-82
Planing width	82 mm
Adjustable planing depth	0 - 2.6 mm
Maximum notch depth	9 mm
No-load speed	17,000 /min
Rated input power	620 W
Output power	360 W
Revolutions at rated load	11,200 /min
Length of planer base	295 mm
Weight (without mains cable)	2.7 kg
Cable length	4 m

Scope of delivery

Order no.	602682 [1] [2]
1 Set of disposable planer blades	■
Parallel guide / Rip fence	■
Depth gauge	■
Extraction connector	■
Chip ejection adapter	■
Textile dust bags	■
Hexagonal wrench	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Light, compact universal planer for planing, rebating and chamfering
- Adjustable planing depth and notch depth
- Aluminium die cast and milled cut planer base with V-groove for easy chamfering
- Parallel guide / rip fence for precise guiding of the planer
- Grip area with non-slip soft-grip surface
- Extraction possibility by means of connecting an all-purpose vacuum cleaner
- Angled chip ejection adapter for controlled ejection of the wood shavings
- Easy to empty textile dust bag for working without extraction facilities
- Strap on the planer base for stopping the machine and to protect the work piece
- Easy blade change of the robust reversible carbide planer blades

System components

Accessories → 372 | Battery packs → 72 | Extraction systems → 453

Accessories for Paint Remover

Reversible carbide blades



- High-quality carbide for long tool life and uniform grinding result

Sales unit	Order no.
4	631720000*
10	631660000*

Suction hose

	Order no.
 **Suction hose** ■ With bayonet fitting and rubber connector (internal Ø 30 mm, outside Ø 35 mm) Connector Ø: 58/58 mm Hose length: 3.5 m Suction hose Ø: 27 mm	631938000

Planer Accessory

Reversible carbide planer blades

	Order no.
 **Reversible carbide planer blade** Consisting of 2 reversible carbide planer blades suitable for: HO 18 LTX 20-82, HO 26-82, HO 0882	630282000*
 **Reversible carbide planer blade** Consisting of 10 reversible carbide planer blades suitable for: HO 18 LTX 20-82, HO 26-82, HO 0882	630272000

Additional accessories for planers

	Order no.
 **Stand for planer** ■ For stationary use of the planer (as surface planer) ■ Clamp 627107000 for fastening the stand securely on a workbench suitable for: HO 0882	631599000*
 **Clamp** ■ For the secure fixing on a work table	627107000*

*Self-service packaging







08

Sawing

18 V







Technical data	Cordless Circular Saw KS 18 LTX 57
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Swivel range from / to:	0 °/+ 50 °
Adjustable cutting depth	0 - 57 mm
Maximum cutting depth at 90°	57 mm
Maximum cutting depth at 45°	43 mm
Saw blade Ø x bore	Ø 165 x 20 mm
No-load speed	4,600 /min
Max. cutting speed	40 m/s
Weight (including battery pack)	3.7 kg

Scope of delivery

Order no.	601857
Carbide circular saw blade (18 teeth)	■
Parallel guide / Rip fence	■
Hexagonal wrench	■
2 LiHD battery packs (18 V/8.0 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■
MetaLoc case	■
MetaLoc case insert	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Powerful, light, cordless circular saw for universal use on construction sites
- Aluminium base plate can be directly used on guide rails from Metabo and other manufacturers
- Fast brake stops the saw blade quickly and improves safety
- Accurately angled bevel cuts down to 50°, with handy snap-in point at 45°
- 0° position re-adjustable for highest cutting precision
- Clearly visible cutting indicator for precise sawing after initial cut
- Handle with non-slip soft-grip surface for safe guidance
- Extraction possibility by means of connecting an all-purpose vacuum cleaner
- Battery packs with capacity display for checking the charge status

Technical data	Circular Saw KS 55	Circular Saw KS 55 FS
Rated input power	1,200 W	1,200 W
Output power	670 W	670 W
Maximum cutting depth at 90°	55 mm	55 mm
Maximum cutting depth at 45°	39 mm	39 mm
Saw blade Ø x bore	Ø 160 x 20 mm	Ø 160 x 20 mm
Swivel range from / to:	0 °/+ 47 °	0 °/+ 47 °
No-load speed	5,600 /min	5,600 /min
Revolutions at rated load	4,400 /min	4,400 /min
Max. cutting speed	47 m/s	47 m/s
Torque	5 Nm	5 Nm
Weight (without mains cable)	4 kg	4 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600855	600955
Carbide circular saw blade (18 teeth)	■	■
Parallel guide / Rip fence	■	■
Extraction connector	■	■
Hexagonal wrench	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Light, compact circular saw for universal construction site use
- Robust circular saw, can be used directly on Metabo guide rails and rails of other manufacturers
- Light guide plate made from die cast aluminium
- Adjustment of machine without tools for using with the precision guide rail
- Grip area with non-slip soft-grip surface
- Clearly visible cutting indicator for precise sawing after initial cut
- 0° position re-adjustable for highest cutting precision
- Extraction possibility by means of connecting an all-purpose vacuum cleaner

System components

Accessories → 378 | Battery packs → 72 | Extraction systems → 453

System components

Accessories → 378 | Extraction systems → 453



S-AUTOMATIC MECHANICAL SAFETY CLUTCH · VARIO TACHO CONSTAMATIC · STOP

Technical data	Plunge Cut Circular Saw KSE 55 Vario Plus
Rated input power	1,200 W
Output power	700 W
Maximum cutting depth at 90°	55 mm
Maximum cutting depth at 45°	40 mm
Saw blade Ø x bore	Ø 160 x 20 mm
Swivel range from / to:	0 °/+ 45 °
No-load speed	2,000 - 5,200 /min
Revolutions at rated load	5,200 /min
Max. cutting speed	44 m/s
Torque	5 Nm
Weight (without mains cable)	3.7 kg
Cable length	4 m

Scope of delivery

Order no.	601204
Carbide circular saw blade (42 teeth)	■
Parallel guide / Rip fence	■
Extraction connector	■
Hexagonal wrench	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Combined plunge cut circular saw – two high-quality functions in one machine
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the saw blade stop unexpectedly.
- Convenient saw blade change due to simultaneous pendulum saw guard and saw blade stop
- Particularly light due to magnesium die-cast saw housing and guide plate
- Grip area with non-slip soft-grip surface
- Sawing close to wall possible
- Precise, double-track aluminium parallel guide/rip fence makes cutting to size easier
- Clearly visible cutting indicator for precise sawing after initial cut
- 0° position re-adjustable for highest cutting precision
- Vario Tacho Constamatic (VTC) Full-wave Electronics for work with materials requiring customised speeds, which remain constant under load
- Overload protection: protects the motor from overheating
- Extraction possibility by means of connecting an all-purpose vacuum cleaner
- Controllable chip ejection by means of rotating extraction nozzle
- Auto-stop carbon brushes to protect the motor
- Adjustment of machine without tools for using with the precision guide rail

System components

Accessories → 378 | Extraction systems → 453



S-AUTOMATIC MECHANICAL SAFETY CLUTCH



S-AUTOMATIC MECHANICAL SAFETY CLUTCH



S-AUTOMATIC MECHANICAL SAFETY CLUTCH · VARIO TACHO CONSTAMATIC · STOP · STOP FAST BRAKE

Technical data	Circular Saw KS 66	Circular Saw KS 66 Plus	Circular Saw KSE 68 Plus
Rated input power	1,400 W	1,400 W	1,600 W
Output power	800 W	800 W	850 W
Maximum cutting depth at 90°	66 mm	66 mm	68 mm
Maximum cutting depth at 45°	47 mm	47 mm	48 mm
Saw blade Ø x bore	Ø 190 x 30 mm	Ø 190 x 30 mm	Ø 190 x 30 mm
Swivel range from / to:	0 °/+ 45 °	0 °/+ 45 °	0 °/+ 45 °
No-load speed	4,200 /min	4,200 /min	2,000 - 4,200 /min
Revolutions at rated load	3,200 /min	3,200 /min	4,200 /min
Max. cutting speed	42 m/s	42 m/s	42 m/s
Torque	9 Nm	9 Nm	11 Nm
Weight (without mains cable)	5.5 kg	5.5 kg	5.6 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	600542 [1]	600544	600545
Carbide circular saw blade (14 teeth)	■	■	■
Parallel guide / Rip fence	■		
Aluminium parallel guide/rip fence		■	■
Hexagonal wrench	■	■	■

Equipment variants can be found in the Metabo price list and on the internet

[1] also available in 120 V (North/Latin America)

Product advantages

- Precise cuts with guide rail and matching adapter (accessory)
- Fast brake for increased safety with quick saw blade stop
- Vario Tacho Constamatic (VTC) Full-wave Electronics for work with materials requiring customised speeds, which remain constant under load
- Overload protection: protects the motor from overheating
- Sturdy guide plate made from die cast magnesium
- Grip area with non-slip soft-grip surface
- Adjustment of machine without tools for using with the precision guide rail
- Metabo S-automatic safety clutch: mechanical decoupling of the drive for safe working should the saw blade stop unexpectedly.
- Clearly visible cutting indicator for precise sawing after initial cut
- 0° position re-adjustable for highest cutting precision
- Lubrication system for long service life of the gear
- Extraction possibility by means of connecting an all-purpose vacuum cleaner
- Controllable chip ejection by means of rotating extraction nozzle
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 378 | Extraction systems → 453

Circular saw blades: Long service life and precise, clean cuts.

The best cuts can be achieved with a harmonised system using quality circular saw blades. Metabo carbide circular saw blades offer precise and clean cuts thanks to laser cut expansion slots and ground carbide teeth. They are manufactured in accordance with Metabo quality specifications so that they achieve best work results in combination with our machines. The quality products offer a long service life and save you money.



Application profiles of the Metabo circular saw blades

Precision laser saw blades
have a higher bonding strength than stamp-cut saw blades thanks to the due to their high face and rotation accuracy for precise cuts

Lasered expansion slots
ensure low-noise and low-vibration operation.

Very high service life
is achieved by the use of pure-grade carbides.

Extremely long-lasting
due to a tenfold plus re-sharpening potential.

Our full range is clearly structured.
We differentiate between Power cut, Precision cut and Multi-cut.
This helps you to find the ideal saw blade.

power cut



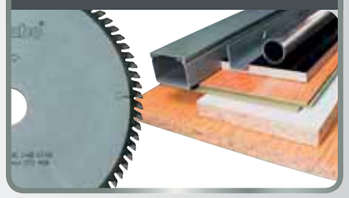
- For fast coarse and semi-fine cuts with continuous feed for low performance requirements
- Good cutting results for straight cuts in solid wood
- Partially suitable for construction wood with nails and concrete residue
- On coated wood or other composites, only coarse cut quality is possible

precision cut



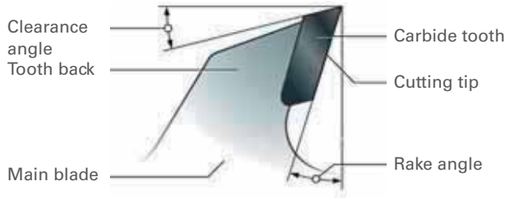
- Very wide range of uses in woodwork
- For very good, clean cut results for longitudinal or cross-cuts in softwood and hardwood
- Well suited for hard wood and plywood, untreated chipboards, coated or veneered, MDF, composite materials
- High power consumption so the saw must have a high performance motor

multi cut



- Universal use for demanding materials
- For the highest standards in cutting quality, e.g. for laminate, plastic, aluminium, copper and bronze materials
- Ideally suited for many interior development applications
- Perfect cutting results, also for cross-cuts in solid wood, coarse, coated or veneered chipboards, MDF
- The circular saw must have a very high performance power
- Relatively slow saw advance

Technical characteristics of the circular saw blades





The rake angle
The rake angle influences the cut quality, feed and cutting forces. It always correlates to the desired entry and exit angles to the workpiece.

The size of the front rake angle depends on:
- The material to be processed (front rake angle decreasing: soft wood - hard wood - chip materials - non-ferrous metals)
- The respective cutting quality required on one or both edges



Positive and negative rake angle
Positive rake angle:
- Easy cutting action - fast cutting
- Cutting power in the direction of the workbench (hand-held circular saw)
- Workpiece edge: clean on the underside, without splinter guard poor on the upside

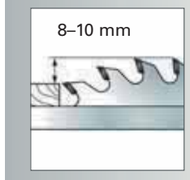
Negative rake angle:
- More difficult cutting process - higher cutting power required from machine
- Cutting force in the direction of the workpiece support (mitre saws)
- Workpiece edge on the upper side better than on the underside



The clearance angle
If the clearance angle is too low, chip removal by the next tooth is not possible. A large clearance angle facilitates large chip removal. This is necessary for greater feeds.



Entry and exit angles on the workpiece
In most cases, the exit angle is unfavourable as opposed to the entry angle. For this reason the "good side" should be positioned upside down.



Saw blade projection
With increasing saw blade projection, the quality on the exit side decreases. It does not however improve on the entry side due to the lack of guidance effect. The ideal saw blade projection is between 8 and 10 mm.

Steel blade thickness
- Thinner blades are suited for thinner materials and require less power. Ideal for cordless applications.
- Thicker blades are particularly stable and are therefore suited for precise cuts in thicker materials on powerful saws.

Tooth shapes on the circular saw blades



WZ alternately bevel-ground tooth
- Exceptionally clean cuts in all softwoods and hardwoods, wood-fibre, laminate and plastic materials
- Easy to sharpen.
- With negative rake angle: Use on mitre saws



FZ flat tooth
- Ideal for fast and coarse lengthwise cuts in solid wood
- Simple to maintain



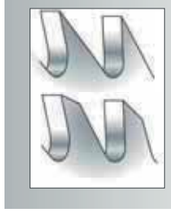
FZ/TZ flat/trapezoid tooth
- Ideal for aluminium, copper and brass facing, plastic, coated chipboard and MDF boards and other wooden materials
- Very clean cuts
- With negative rake angle: Use on mitre saws



FZ/FA flat tooth/chamfered flat tooth
- Used primarily for construction site and table saws, but also for high-output hand-held circular saws
- Perfectly suited for construction wood, plywood boards (also with nails and concrete residue), chipboards
- Extremely robust teeth



DZ/HZ roof/hollow tooth
- Ideal for boards coated on both sides
- Very precise and splinter-free cuts



SP/NV pointed tooth, KV wolf tooth
- Used for construction site saws and log cutting saws or high-performance table saws
- Tooth shape only with circular saw blades made from chrome-vanadium steel

Designation of the circular saw blades

Example:

HW/CT 250 x 2.8/2.0 x 30; Z-80 FZ/TZ 5° neg; 2 NL

HW/CT = wolfram/carbide tipped

Other material descriptions:
CV = chrome vanadium steel

250 = diameter mm
2.8 = cutting width mm
2.0 = thickness of base body in mm
30 = diameter of the bore
Z=80 = number of teeth
FZ/TZ = flat trapezoid tooth shape
5° neg. = negative rake angle
2 NL = secondary hole holder

Which circular saw blade is suited to which machine?

	Ø	Ø Bo
AEG		
KS 55-2	165	20
KS 66-2	190	30
PS 216 L	216	30
TS 250 K; PS 254 L	254	30
PS 305 DG	305	30
Alko		
Pro 250 GK	250	20
Pro-X, Holzmeister H/S/ NHS, Hobby, Basic, HS/3/4	315	30
W 450/500	450	30
W 50 Profil	500	30
RM 60, W 60	600	30
RM 70, R Z70, TWM 70, TWZ 70, W 70	700	30
Atika		
KGSZ 210;	210	30
Toptronic, PTK 250 S	250	30
KGSZ 305	305	30
ATK 315H, BTA 90, HAT 315, HT 315	315	30
ABH 400, ABK 400	400	30
BTK 400; BTH 400	400	30
BTK 450; BTH 450; BTU 450	450	30
ABH 450, ABK 450, ATU, BWK 450	450	30
ABH 500, ABK 500, BWK 500	500	30
BTK 500; BTH 500	500	30
BWK 600	600	30
T 250 N, TK 250	250	30
T 250 ECO	250	30
Atlas Copco		
SGS 66 Q	190	30
K 66 SE	190	30
HK 75	210	30
K 55 S	160	20
MS 3 C	250	30
MS 305 DB	305	30
Avola		
LH 315, TZV 315	315	30
ZB 400, ZBV 400	400	30
ZB 450, ZBV 450, IC 450	450	30
ZB 500, ZBV 550	500	30
KWK 600, RK 600	600	30
KWK 700	700	30
TZH 350	350	30
BGU		
WK 600 W, KS 600	600	30
WK 600/B	600	30
WK 780 W, KS 700	700	30
WK 700 Z; WTK 710 EZ	700	30
RK 775, WK 700		
Bosch		
PKS 55A	160	20
GKT 55 GCE; GKS 18V-57 G	165	20
GKS 190	190	30
GKS 55/55 CE (neu)	190	30
PKS 66	190	30
GKS 65/65 GCE/66/66 CE/68 BC	190	30
GKS 75 S	210	30
GCM 800 SJ/8 SDE/8 SJL	216	30
PCM 8	216	30
GKS 85 S	230	30
GCM 10 S/SD	254	30
PTS 10	254	30
GTS 10 J/ XC	254	30
GCM 12, 12 GDL/SDE/JL	305	30
GTM 12 JL	305	30

	Ø	Ø Bo
DeWalt		
DW 351	152	20
DC930KA/KB	165	20
DWS 520 K/ KR, DCS 931N/NT, DWE 550, DCS 520NT/T2	165	20
D23650, DW 365/65/2365K, DWE575K, DWE576K	190	30
DCS 575 T2/NT, DCS 576 T2/NT	190	30
DCS 7485	210	30
DW 700/701/707/712/770/ 771/777	216	30
DCS 777 T2/N, DWS 773/774/777	216	30
DW 383, D 23700	235	30
DW125/1251/150/1501/1503/ 250/252/320/702/703/710/ 717/717XPS/720/742/743/ 743N/744/745/746/S778/ 744XP/745,DWS778	250	30
DCS 778 T2/N	250	30
1875, 2151, 2154, 2155, 1635-3L/-4L, 21553 3L, DW1370/160DS/305/ 8001/8002/8003	300	30
142 DS, 160 DS, 1635, DW 810	300	30
DW 721/721KN/722/725/ 726/8101/8012/8103	300	30
DW704/705/706/708/716/ 716 E/718, D27105/27107/ 27107XPS/27111/27112/ 27113, DWS780	305	30
DHS 780 T2A	305	30
D27400	315	30
DW1420S/1600S/729KN	350	30
C14,1635, 6L, 2155, 6	400	30
163546+62, 2155-4+6, C	400	30
6K/L, BK, DA 1635	500	30
Festool		
AP 553, ATF 55 FS, AT 55 EFS/55 EB	160	20
AP 55/55 E/55 EB	160	20
ATF 55/55 E/55 EB, TS 55/ 55 RQ-Plus, TSC 55 Li REB-Basic	160	20
HK 55 EBQ-Plus, HKC 55 EB Li-Basic	160	20
AT 65/65 E	190	30
AT 65 FS, ATF 65 B/65 E, AT 66	190	30
AP 65/65 E/65 EB	190	30
TS 75/75 EBQ	210	30
Symetric SYM 70/SYM 70 E	216	30
HK 85 EB	230	30
HK 132 E	350	30
Güde		
GKS 190	190	30
GKS 1100 P, KT 210, GUKS	210	30
GKS 210 A	210	30
GWS 600 EC	220	30
GTKS 315	315	30
QWS 600	600	30
GWS 700	700	30
GWS 700 EC	700	30
GTKS 2200	315	30
GKS 250 L, TK 2400, TKGS 1800	250	20
GFO 1801	254	20
GFO 1401	216	30
Hitachi		
C6DA, FC6DA	160	20
C6MEY	165	20
C6 BUM/U3	165	30

	Ø	Ø Bo
FC7SA, PSM-7, PSU-7	190	30
C 7BU2/7U2/7MFA	190	30
C7 BU3/BUM/U3	190	30
C7U2, C7BU2	190	30
C8U/FA, PSM-8, PSU-8	210	30
C8FC, CSU, CU8	210	30
C8FAFC/FS, C 8FSHE	216	30
C 12 LCH, C 12 YA/YB, C 12 LSH	305	30
C12 RSH2	305	30
PSU13	315	30
Holz-Her		
1420, 2107, 2108, HKU264/50/550	160	20
2103, 2104, 2105, 2106, AP 55 EB, ATF 55 EB	160	20
2114, 2116, 2117, 2118, 2119, 2126, 2127, 2269, 282, 2214, DERBY, T65E	190	30
2117, 2119, AP 65 EB, AT 65 EB	190	30
2264, 2267, 2279, 2284, PKS267/284	210	30
2120	230	30
2294	230	30
HKD85/275, PKS1210/ 1211/1212/1213/1214/ 1215/1220/5275/275	300	30
HKS130/150/176/276	350	30
HKSB7K, HKS277/2137	400	30
Mafell		
A 55, B 55, FU 55, KSS 400, KSS 330, MKS 55, MS 55, MT 55, PS 52/5 S, X 55, XE 55, KST 55, KSS 400/ 400 36V, PS 3100 SE	160	20
KSP 55/55 F, KST 55	160	20
KS 320, PSS 3100	160	20
KSS 50/K55	168	20
KSP 65 F, MKS 65	190	30
ERIKA 60, KS 65, MS 65	190	30
MKS 75/85 S, MS 75	210	30
KSP 85/85 F	230	30
ERIKA 85 L, MKS 85 S, MS 85, ERIKA 85 Ec	250	30
BIBER, BIBEREX, FS 85, MKS 105/105 E, MONIKA, TFK 85/8	315	30
BSK 4/5/6, MKS 125, SF 32	350	30
AZB, BK 3, FKB 150, FS 130 K/130 S, TD 3, TDH 4, TK 150, VKS 130/ 160, BSK 4	400	30
THD 425, TFS 1305	400	30
BK 4, BKV 4, BKS 5/6, FSG 165 K, MKS 185 E, TDH 450/5, FSG 200/240 K	450	30
170, BKV5	500	30
FSG 240, TSG 240	600	30
Makita		
DCS551Y1J	150	20
DCS 551 RTJ	150	20
5600 BR/NB/RDW, SR 1600	160	20
5603 R	165	20
5604 R	165	20
5017 RKB	165	30
DHS 630 RTJ/ Y1J/ 680 RTJ/ Y1J/ Z, DSP 600 ZJ, DLS 600 Z, HS 6101 J/ J1, SP6000 J1/SP1	165	20
3501, 5800 RB	190	20
LS0714FB, DLS713RME/ DLS713Z/DLS714Z	190	20
DLS 713 RTE	190	20
5017 R, 5017RKB	190	30
5704 R, 5704RJ	190	30

	Ø	Ø Bo
5703 R	190	30
2705 R	190	30
HS7101J1, DHS710ZJ	190	30
DHS 710 ZJ, HS 7601 J	190	30
LS 0810	210	30
LS0815FL	216	30
LS 0815 FL	216	30
5903 R	235	30
5900/BR, SR 2300	235	30
5143 R	250	30
LH1200FL, LS1216LB	305	30
LH 1201 FL	305	30
5100 BR, 2712	315	30
MS 1400	350	30
Milwaukee		
M18 FMCS;	150	20
CS 55	160	20
SCS 65 Q	190	30
M18 CCS66	190	30
CS 75	210	30
MS 216 SB	216	30
M18 SMS216	216	30
MS 3 C, MS 305 DB	250	20
F18 FMS 254	254	30
MS 305 DB	305	30
Scheppach		
HM 80L/LXU, HS 80	210	30
HM 80MP	216	30
HS100	250	30
HM 100 LU, LXU, T	254	30
TK 1685 Magnum, TS 4000, Duo 7.0, Bestcombi 7.0	300	30
Capas 3, Capas 7.0	305	30
HM 120L	305	30
Forsato XL/XXL, TS 315, TK, TKH, TKU, TS 4010, Tisa 5.0	315	30
TS 310, HS 120	315	30
BSH 500/400	400	30
BS 500, BSH 500, WS 500	500	30
KE 6/60/6011, KH 6/60, KW 60/6011/611	600	30
KD 2700, KE 70/70 M, KEZ 700, KH 70, KW 2700/70/70 M, KWZ 7/700	700	30
Wox d700s	700	30
Precisa 6.0	315	30
Forsa 4.0/6.0, 8.0/9.0	315	30
Structo 5.0/7.0	500	30
Capas 5.0	254	30
SKIL		
1873, 1131	210	30
1524 H, 1526 H, 1873 H	210	30
1866 H, 1886 H	230	30
1525 H, 1985 U, 1986 U	235	30
1899 H	250	30
Protool		
CSP 55/56	160	20
CSP 68	190	30
CSP 132	350	30

Ø	Diameter in mm
Ø Bo	Bore diameter in mm

Circular Saw Blades, »power cut«

Circular saw blades for hand-held circular saws



- For coarse and semi-fine cuts with continuous feed. Ideal for high feed rate / low power consumption machines
- Good cutting results for straight cuts in solid wood
- Partially suitable for construction wood with nails and concrete residue
- On coated wood or other composites, only coarse cut quality is possible

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Order no.
152 x 2.4 x 20	HW/CT	12	FZ	1.6	15°	Ks 0852 S	628001000*
160 x 2.2 x 20	HW/CT	10	WZ	1.4	22°	KS 54 / KSE 55 Plus / KSE 55 Vario Plus / KS 55 / KS 55 FS, KS 55 / KS 55 FS	628002000*
190 x 2.6 x 20	HW/CT	14	WZ	1.8	25°	Ks 1266 S / Ks 1468 S	628004000*
190 x 2.2 x 30	HW/CT	14	WZ	1.4	25°	KS 66 / KS 66 Plus / KSE 68 Plus	628005000*
190 x 2.2 x 30	HW/CT	16	FZ/FA	1.4	12°	KS 66 / KS 66 Plus / KSE 68 Plus	628006000*
210 x 2.6 x 30	HW/CT	16	FZ	1.8	25°	Ks E 1678 S-Signal	628007000*
230 x 2.6 x 30	HW/CT	18	FZ/FA	1.8	10°	KS 85	628010000*
230 x 2.6 x 30	HW/CT	24	WZ	1.8	20°	KS 85	628011000*

Circular saw blades for semi-stationary/stationary circular saws



Carbide Tipped Circular Saw Blades

- For coarse and semi-fine cuts with continuous feed. Ideal for high feed rate / low power consumption machines
- Good cutting results for straight cuts in solid wood
- Partially suitable for construction wood with nails and concrete residue
- On coated wood or other composites, only coarse cut quality is possible
- Secondary holder for circular saw blades with Ø 216, 250, 254 and over 300 mm

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Order no.
210 x 1.8 x 30	HW/CT	24	WZ	1.4	5°	KS 210 / KGS 255	628008000*
216 x 2.4 x 30	HW/CT	20	WZ	1.8	5° neg.	KS 216 M Lasercut / KGS 216 M / KGSV 216 M / KGSV 72 Xact / KGSV 72 Xact SYM	628230000*
216 x 2.4 x 30	HW/CT	24	WZ	1.8	5° neg.	KS 216 M Lasercut / KGS 216 M / KGS 216 Plus / KGSV 216 M / KGSV 72 Xact / KGSV 72 Xact SYM	628009000*
250 x 2.8 x 30	HW/CT	24	WZ	2	25°	PKU 250 / PK 255 / PKF 255 / PKF 255 V8 / Multi 260 / Multi 310 / PK 250	628012000*
250 x 2.8 x 30	HW/CT	24	WZ	2	3° neg.	KS 250, KGS 301 / KGS 303 / KGS 331	628013000*
254 x 2.4 x 30	HW/CT	24	WZ	1.6	20°	TS 254 / TK 250 / TS 36 LTX BL 254 / TS 36-18 LTX BL 254	628025000*
254 x 2.4 x 30	HW/CT	24	WZ	1.8	5° neg.	KS 254 Plus / KGS 254 M / KGS 254 Plus / KGS 254 I Plus	628220000*
300 x 2.8 x 30	HW/CT	28	WZ	1.8	15°	PK 300 / PKV 300 G to 1996	628014000*
315 x 2.8 x 30	HW/CT	20	FZ	1.8	22°	TKHS 315 / KGT 300	628015000*
315 x 3 x 30	HW/CT	24	WZ	2	20°	TKHS 315	628016000*
350 x 2.8 x 30	HW/CT	22	FZ	1.8	22°	TK 350 to 1983	628017000*
400 x 3.5 x 30	HW/CT	28	FZ/FA	2.5	10°	BKS 400 Plus	628018000
400 x 3.5 x 30	HW/CT	60	WZ	2.5	15°	BKS 400 Plus	628019000
450 x 3.5 x 30	HW/CT	32	FZ/FA	2.5	10°	BKS 450 Plus / BKH 450 Plus	628020000
450 x 3.8 x 30	HW/CT	66	WZ	2.8	15°	BKS 450 Plus / BKH 450 Plus	628021000
600 x 3.8 x 30	HW/CT	36	WZ	2.8		BW 600	628023000
700 x 4.2 x 30	HW/CT	42	WZ	3.2		BW 750 / BW 700 to 1993	628024000

*Self-service packaging



Chrome-vanadium Circular Saw Blades

- For coarse and semi-fine cuts with continuous feed. Ideal for high feed rate / low power consumption machines
- Good cutting results for straight cuts in solid wood
- Partially suitable for construction wood with nails and concrete residue
- On coated wood or other composites, only coarse cut quality is possible

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Order no.
315 x 1.8 x 30	CV	56	KV	1.8		TKHS 315	628100000
315 x 1.8 x 30	CV	80	NV	1.8		TKHS 315	628101000
350 x 1.8 x 30	CV	56	NV	1.8		TK 350 to 1983	628102000
400 x 2 x 30	CV	56	KV	2		BKS 400 Plus	628105000
500 x 2.5 x 30	CV	56	KV	2.5		BW 500 to 1998	628108000
600 x 2.8 x 30	CV	56	KV	2.8		BW 600	628109000
700 x 2.8 x 30	CV	56	KV	2.8		BW 750 / BW 700 to 1993	628110000
450 x 2.2 x 30	CV	56	WZ	2.2		BKS 450 Plus / BKH 450 Plus	628094000

Circular Saw Blades, »precision cut«

Circular saw blades for hand-held circular saws



- Very wide range of uses in woodwork
- For very good, clean cut results for longitudinal or cross-cuts in softwood and hardwood
- Well suited for hard wood and plywood, untreated chipboards, coated or veneered, MDF, composite materials
- High power consumption so the saw must have a high performance motor

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Order no.
160 x 1.6 x 20 / 16	HW/CT	24	WZ	1.1	22°	KSAP 18, KSA 18 LTX	628030000*
160 x 2.2 x 20	HW/CT	24	WZ	1.4	20°	KS 54 / KSE 55 Plus / KSE 55 Vario Plus / KS 55 / KS 55 FS	628031000*
167 x 2.4 x 20	HW/CT	20	WZ	1.6	20°	Ks 1155 S	628032000*
167 x 2.4 x 20	HW/CT	40	WZ	1.6	10°	Ks 1155 S	628033000*
190 x 2.6 x 20	HW/CT	48	WZ	1.8	10°	Ks 1266 S / Ks 1468 S	628034000*
190 x 2.2 x 30	HW/CT	48	WZ	1.4	15°	KS 66 / KS 66 Plus / KSE 68 Plus	628035000*
210 x 2.6 x 30	HW/CT	56	WZ	1.8	10°	Ks E 1678 S-Signal	628040000*
230 x 2.6 x 30	HW/CT	56	WZ	1.8	15°	KS 85	628044000*

Circular saw blades for semi-stationary/stationary circular saws



- Very wide range of uses in woodwork
- For very good, clean cut results for longitudinal or cross-cuts in softwood and hardwood
- Well suited for hard wood and plywood, untreated chipboards, coated or veneered, MDF, composite materials
- High power consumption so the saw must have a high performance motor
- Secondary holder for circular saw blades with Ø 216, 250, 254 and over 300 mm

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Order no.
210 x 2.4 x 30	HW/CT	30	WZ	1.6	22°	PK 200 / UK 220	628036000*
210 x 2.4 x 30	HW/CT	40	WZ	1.8	3°	KS 210 / KGS 255 / PK 200 / UK 220	628037000*
210 x 2.8 x 30	HW/CT	42	FZ/TZ	1.8	1° neg.	KS 210 / KGS 255 / PK 200 / UK 220	628038000*
210 x 2.4 x 30	HW/CT	42	WZ	1.6	22°	PK 200 / UK 220	628039000*
216 x 2.4 x 30	HW/CT	48	WZ	1.8	5° neg.	KS 216 M Lasercut / KGS 216 M / KGS 216 Plus / KGSV 216 M / KGSV 72 Xact / KGSV 72 Xact SYM	628041000*

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Order no.
220 x 2.4 x 30	HW/CT	36	WZ	1.6	10°	UK 290 / UK 333 / Secanta	628042000*
220 x 2.6 x 30	HW/CT	48	DZ/HZ	1.6	10°	UK 290 / UK 333 / Secanta	628043000*
250 x 2.8 x 30	HW/CT	34	WZ	1.8	15°	KGT 500 / KGT 501 / KGT 550, / PKU 250 / PK 255 / PKF 255 / PKF 255 V8 / Multi 260 / Multi 310	628045000*
250 x 2.8 x 30	HW/CT	42	WZ	1.8	15°	KGT 500 / KGT 501 / KGT 550, PKU 250 / PK 255 / PKF 255 / PKF 255 V8 / Multi 260 / Multi 310 / PK 250	628046000*
250 x 2.4 x 30	HW/CT	60	WZ	1.8	5° neg.	KS 250, KGS 301 / KGS 303 / KGS 331	628048000*
250 x 2.8 x 30	HW/CT	60	WZ	1.8	15°	TS 250 / PKU 250 / PK 255 / PKF 255 / PKF 255 V8 / Multi 260 / Multi 310 / PK 250	628049000*
254 x 2.4 x 30	HW/CT	40	WZ	1.6	20°	TS 254 / TK 250 / TS 36 LTX BL 254 / TS 36-18 LTX BL 254	628059000*
254 x 2.4 x 30	HW/CT	48	WZ	1.8	5° neg.	KS 254 Plus / KGS 254 M / KGS 254 Plus / KGS 254 I Plus	628221000*
254 x 2.4 x 30	HW/CT	60	WZ	1.8	5° neg.	KS 254 Plus / KGS 254 M / KGS 254 Plus / KGS 254 I Plus	628222000*
300 x 2.8 x 30	HW/CT	48	WZ	1.8	15°	PK 300 / PKV 300 G to 1996	628051000*
300 x 2.8 x 30	HW/CT	72	WZ	1.8	10°	PK 300 / PKV 300 G to 1996	628053000*
305 x 2.4 x 30	HW/CT	48	WZ	1.8	5° neg.	KS 305 Plus / KGS 305 / KS 305 M / KGS 305 M / KGT 305 M	628227000*
305 x 2.4 x 30	HW/CT	60	WZ	1.8	5° neg.	KS 305 Plus / KGS 305 / KS 305 M / KGS 305 M / KGT 305 M	628228000*
305 x 2.4 x 30	HW/CT	84	WZ	1.8	5° neg.	KS 305 Plus / KGS 305 / KS 305 M / KGS 305 M / KGT 305 M	628229000*
305 x 2.4 x 30	HW/CT	60	WZ	1.8	1.5°	KGS 305	628054000*
305 x 2.4 x 30	HW/CT	80	WZ	1.8	5°	KGS 305	628055000*
315 x 2.4 x 30	HW/CT	48	WZ	1.8	5° neg.	KGS 315 Plus / KGS 305	628224000*
315 x 2.4 x 30	HW/CT	84	WZ	1.8	5° neg.	KGS 315 Plus / KGS 305	628225000*
315 x 2.8 x 30	HW/CT	48	WZ	1.8	15°	TKHS 315	628056000*
315 x 2.8 x 30	HW/CT	48	WZ	1.8	0°	KGS 305 / KGT 300 / TKHS 315	628057000*
315 x 2.8 x 30	HW/CT	84	WZ	1.8	10°	KGT 300 / TKHS 315	628058000*

Circular saw blades »Classic«



- Very wide range of uses in woodwork
- For very good, clean cut results for longitudinal or cross-cuts in softwood and hardwood
- Well suited for hard wood and plywood, untreated chipboards, coated or veneered, MDF, composite materials

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Order no.
165 x 1.8 x 20	HW/CT	18	WZ	1.2	20°	KS 18 LTX 57	628272000*
216 x 2.4 x 30	HW/CT	40	WZ	1.8	5° neg.	KS 216 M Lasercut / KGS 216 M / KGSV 216 M / KGSV 72 Xact / KGSV 72 Xact SYM	628060000*
216 x 1.8 x 30	HW/CT	40	WZ	1.2	5°	KS 18 LTX 216 / KGS 18 LTX 216	628065000*
216 x 2.4 x 30	HW/CT	30	WZ	1.6	22°	TS 216 / TS 216 Floor	628062000*
254 x 2.4 x 30	HW/CT	48	WZ	1.8	5° neg.	KGS 254 M	628061000*
305 x 2.4 x 30	HW/CT	56	WZ	1.6	5° neg.	KS 305 M / KGS 305 M / KGT 305 M	628064000*

*Self-service packaging

Circular Saw Blades, »multi cut«

Circular saw blades for hand-held circular saws



- Universal use for demanding materials
- For the highest standards in cutting quality, e.g. for laminate, thin-walled plastic, aluminium, copper and bronze materials
- Ideally suited for many interior development applications
- Perfect cutting results, also for cross-cuts in solid wood, coarse, coated or veneered chipboards, MDF
- The circular saw must have a very high performance power
- Relatively slow saw advance

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Order no.
150 x 2.4 x 20	HW/CT	36	WZ	1.6	10°	Ks 0852 S	628000000*
152 x 2.4 x 20	HW/CT	54	FZ/TZ	1.6	5° neg.	Ks 0852 S	628070000*
160 x 2.2 x 20	HW/CT	30	WZ	1.4	5°	KS 54 / KSE 55 Plus / KSE 55 Vario Plus / KS 55 / KS 55 FS	628071000*
160 x 2.2 x 20	HW/CT	42	WZ	1.4	15°	KS 54 / KSE 55 Plus / KSE 55 Vario Plus / KS 55 / KS 55 FS	628072000*
160 x 2.2 x 20	HW/CT	54	FZ/TZ	1.4	8°	KS 54 / KSE 55 Plus / KSE 55 Vario Plus / KS 55 / KS 55 FS	628073000*
167 x 2.4 x 20	HW/CT	42	FZ/TZ	1.6	6° neg.	Ks 1155 S	628074000*
190 x 2.2 x 30	HW/CT	36	WZ	1.4	5°	KS 66 / KS 66 Plus / KSE 68 Plus	628075000*
190 x 2.6 x 20	HW/CT	54	FZ/TZ	1.8	5° neg.	Ks 1266 S / Ks 1468 S	628076000*
190 x 2.2 x 30	HW/CT	56	FZ/TZ	1.4	8°	KS 66 / KS 66 Plus / KSE 68 Plus	628077000*
230 x 2.6 x 30	HW/CT	60	WZ	1.8	5°	KS 85	628085000*

Circular saw blades for semi-stationary/stationary circular saws



- Universal use for demanding materials
- For the highest standards in cutting quality, e.g. for laminate, thin-walled plastic, aluminium, copper and bronze materials
- Ideally suited for many interior development applications
- Perfect cutting results, also for cross-cuts in solid wood, coarse, coated or veneered chipboards, MDF
- The circular saw must have a very high performance power
- Relatively slow saw advance
- Secondary holder for circular saw blades with Ø 216, 250, 254 and over 300 mm (except 628063000)

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Order no.
210 x 2.6 x 30	HW/CT	54	FZ/TZ	1.8	5° neg.	KS 210 / KGS 255 / Ks E 1678 S-Signal	628078000*
210 x 2.8 x 30	HW/CT	60	WZ	2	5° neg.	KS 210 / KGS 255 / Ks E 1678 S-Signal	628079000*
210 x 2.4 x 30	HW/CT	64	WZ	1.6	10°	PK 200 / UK 220	628081000*
210 x 2.4 x 30	HW/CT	64	FZ/TZ	1.6	5° neg.	KS 210 / KGS 255	628082000*
216 x 2.4 x 30	HW/CT	60	FZ/TZ	1.8	5° neg.	KS 216 M Lasercut / KGS 216 M / KGS 216 Plus / KGSV 216 M / KGSV 72 Xact / KGSV 72 Xact SYM	628083000*
216 x 2.4 x 30	HW/CT	64	FZ/TZ	1.6	10°	TS 216 / TS 216 Floor	628063000*
220 x 2.6 x 30	HW/CT	80	FZ/TZ	1.6	10°	UK 290 / UK 333 / Secanta	628084000*
250 x 2.8 x 30	HW/CT	80	WZ	1.8	10°	KGT 500 / KGT 501 / KGT 550 / TS 250 / PKU 250 / PK 255 / PKF 255 / PKF 255 V8 / Multi 260 / Multi 310	628087000*
250 x 2.8 x 30	HW/CT	80	FZ/TZ	2	5° neg.	KGS 301 / KGS 303 / KGS 331 / KGT 500 / KGT 501 / KGT 550 / TS 250, PKU 250 / PK 255 / PKF 255 / PKF 255 V8 / Multi 260 / Multi 310	628088000*
254 x 2.4 x 30	HW/CT	80	FZ/TZ	1.6	5°	TS 254 / TK 250 / TS 36 LTX BL 254 / TS 36-18 LTX BL 254	628093000*
254 x 2.4 x 30	HW/CT	80	FZ/TZ	1.8	5° neg.	KS 254 Plus / KGS 254 M / KGS 254 Plus / KGS 254 I Plus	628223000*
300 x 2.8 x 30	HW/CT	96	FZ/TZ	2.2	6° neg.	PK 300 / PKV 300 G to 1996	628090000*
305 x 2.8 x 30	HW/CT	96	FZ/TZ	2	5° neg.	KGS 305 / KS 305 Plus / KS 305 M / KGS 305 M / KGT 305 M	628091000*
315 x 2.4 x 30	HW/CT	96	FZ/TZ	1.8	5° neg.	KGS 315 Plus / KGS 305	628226000*
315 x 2.8 x 30	HW/CT	96	FZ/TZ	2	5° neg.	KGS 305	628092000*

Circular saw blades »Classic« for semi-stationary/stationary circular saws



- Universal use for demanding materials
- For high standards in cutting quality, e.g. for laminate, thin-walled plastic, aluminium, copper and brass materials
- Well suited for many interior development applications
- Very good cutting results, also for cross-cuts in solid wood, coarse, coated or veneered chipboards, MDF
- The circular saw must have a very high performance power
- Relatively slow saw advance

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Order no.
216 x 2.4 x 30	HW/CT	60	FZ/TZ	1.8	5° neg.	KGSV 216 M / KS 216 M Lasercut / KGS 216 M / KGS 216 Plus / KGSV 72 Xact / KGSV 72 Xact SYM	628066000*

Reducing Bushes for Circular Saw Blades



	Order no.
Reducing bush ■ Ø 20 x 1.2 x 16 mm ■ For circular saw blades with a steel blade thickness of 1.25 mm - max. 1.6 mm	623545000
Reducing bush ■ Ø 30 x 1.2 x 16 mm ■ For circular saw blades with a steel blade thickness of 1.25 mm - max. 1.6 mm	623546000
Reducing bush ■ Ø 30 x 1.2 x 20 mm ■ For circular saw blades with a steel blade thickness of 1.25 mm - max. 1.6 mm	623547000
Reducing bush ■ Ø 30 x 1.2 x 25 mm ■ For circular saw blades with a steel blade thickness of 1.25 mm - max. 1.6 mm	623548000
Reducing bush ■ Ø 30 x 1.6 x 16 mm ■ For circular saw blades with a steel blade thickness of 1.65 mm - max. 2.2 mm	623549000
Reducing bush ■ Ø 30 x 1.6 x 20 mm ■ For circular saw blades with a steel blade thickness of 1.65 mm - max. 2.2 mm	623550000*
Reducing bush ■ Ø 30 x 1.6 x 25 mm ■ For circular saw blades with a steel blade thickness of 1.65 mm - max. 2.2 mm	623551000*

*Self-service packaging

Other Accessories for Circular Saws

Guide rails FS

- For straight and secure guidance
- Splinter protection reduces tears when sawing
- Adhesive coating for safe, non-slip surface contact as well as protection of the workpiece surface
- With bores to fix the rail to the workpiece and for hanging storage
- Can be extended in length with the second guide rail and FSV connector (accessory)
- Suitable for Metabo hand-held circular saws

	Order no.
 NEW	**Guide Rail FS 80** (available from September 2018) **Length: 80 cm**	629010000*
 NEW	**Guide Rail FS 160** (available from September 2018) **Length: 160 cm**	629011000*
 NEW	**Guide Rail FS 160** (available from September 2018) With practical carry bag for safe storage and transport **Length: 160 cm**	629011700*
 NEW	**Guide Rail FS 250** (available from September 2018) **Length: 250 cm**	629013000
 NEW	**Guide Rail FS 310** (available from September 2018) **Length: 310 cm**	629014000

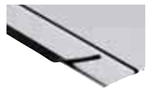
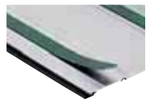
Guide rail 631213

- Guide rail made of sturdy, anodised aluminium extrusion
- Anti-slip backing provides safe and reliable support and protects the work piece surface against scratches
- Guide rule, adjustable to eliminate play

	Order no.
	**Guide rail 631213** suitable for: Metabo jigsaws, hand-held circular saws and router models OFE 738 and Of E 1229 Signal (when using the appropriate accessories; KS 55 FS, KSE 55 Vario Plus, KS 66 Plus, KSE 68 Plus can be used directly); also suitable for the CED 125 Plus dust extraction shroud in connection with an angle grinder Overall length: 150 cm	631213000
	**Connector** ■ For the trouble-free joining together of two precision guide rails ■ Can only be used with guide rail 631213000	631211000*

*Self-service packaging

Accessories for guide rails

	Order no.
 NEW	**Quick tensioning clamp FSSZ** (available from September 2018) ■ For quick and safe fixing of guide rails from Metabo and other manufacturers ■ Solid hold even in case of vibrations ■ 160 mm clamping height	629021000*
	**2 Tensioning clamps FSZ** ■ For the attachment of the guide rails on the workpiece or the workbench	631031000*
 NEW	**Mitre Fence FSW** (available from September 2018) ■ For precise alignment of the guide rail on the workpiece ■ Angle adjustable from -60° to +60° ■ Suitable for the Metabo guide rails FS	629026000
 NEW	**Connector FSV** (available from September 2018) ■ For the trouble-free joining together of two precision guide rails ■ Can be pushed into the guide rail for storage ■ Suitable for the Metabo guide rails FS	629022000
 NEW	**Splinter protection FSS** (available from September 2018) ■ Reduces tears in the workpiece ■ Roll with 3.5 m (as replacement) ■ Suitable for the Metabo guide rails FS	629023000*
 NEW	**Sliding coating FSG** (available from September 2018) ■ For easy gliding on the guide rail ■ Roll with 7 m (as replacement) ■ Suitable for the Metabo guide rails FS	629024000*
 NEW	**Adhesive coating FSH** (available from September 2018) ■ For safe, non-slip hold as well as protection of the workpiece surface ■ Roll with 7 m (as replacement) ■ Suitable for the Metabo guide rails FS	629025000*
 NEW	**Bag FST** (available from September 2018) ■ Handy carry bag for safe storage and transport of the guide rail up to 160 cm ■ Suitable for the Metabo guide rail FS 160	629020000
	**Guide plate** ■ For use of the circular saws KSA 18 LTX, KSAP 18, KS 54 and KS 54 SP on the guide rails ■ Complete guide plate with 2 mounted aluminium threaded bushes for the circular saws	631019000
	**Adapter** ■ For use with the KS 66 and KSE 68 Plus hand-held circular saws (old; order no. 600543) on the guide rails	631020000

Sawdust ejection nozzle and suction hose

	Order no.
	**Sawdust ejection nozzle** ■ Can be rotated ■ For fitting the suction hose to the circular saw KS 54 and KSE 55 Plus	630924000*
	**Suction hose** ■ With bayonet fitting and rubber connector (internal Ø 30 mm, outside Ø 35 mm) Connector Ø: 58 mm Hose length: 3.5 m Suction hose Ø: 27 mm	631938000

18 V

NEW



NEW





Technical data	Cordless Jigsaw STAB 18 LTX 100	Cordless Jigsaw STA 18 LTX 100	Cordless Jigsaw STA 18 LTX 140
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V	18 V
Cutting depth wood	100 mm	100 mm	140 mm
Cutting depth NF metal	25 mm	25 mm	35 mm
Cutting depth sheet steel	10 mm	10 mm	10 mm
Swivel range from / to:	- 45 °/+ 45 °	- 45 °/+ 45 °	- 45 °/+ 45 °
Pendulum stroke levels	4	4	4
Strokes in idle	0 - 2,800 /min	550 - 2,800 /min	1,000 - 3,000 /min
Weight (including battery pack)	2.5 kg	2.4 kg	2.8 kg
Scope of delivery			
Order no.	**601003**	**601002**	**601405**
Extraction nozzles	■	■	■
Protective glass	■	■	■
Plastic guard plate			■
Chip guard plates	■	■	■
Jigsaw blade	■	■	
Hexagonal wrench	■	■	
2 LiHD battery packs (18 V/4.0 Ah)	■	■	■
Charger ASC 30-36 V »AIR COOLED«	■	■	■
Plastic carry case	■	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Top handle with non-slip soft-grip surface
- Extremely handy due to small body circumference and soft-grip surface
- Precise and material-matched sawing due to the variable stroke rate, pendulum stroke and low-lying saw blade guidance with spring support
- Metabo Quick for tool-free saw blade change and with automatic ejection
- Selectable chip blowing function ensures free view of cutting line
- Battery packs with capacity display for checking the charge status
- Extremely powerful jigsaw with VTC-Electronics for fast cuts into soft wood of up to 140 mm deep
- Convenient auto start with automatic stroke rate acceleration
- Integrated LED work light for illumination of the cutting line
- Long service life thanks to optimum gear and motor design and robust die-cast aluminium gear housing

System components

Accessories → 391 | Battery packs → 72 | Extraction systems → 453









Technical data	Jigsaw STEB 65 Quick	Jigsaw STEB 70 Quick	Jigsaw STEB 80 Quick	Jigsaw STE 100 Quick
Rated input power	450 W	570 W	590 W	710 W
Output power	230 W	335 W	350 W	470 W
Cutting depth wood	65 mm	70 mm	80 mm	100 mm
Cutting depth NF metal	18 mm	20 mm	25 mm	25 mm
Cutting depth sheet steel	6 mm	6 mm	8 mm	10 mm
Swivel range from / to:	- 45 °/+ 45 °	- 45 °/+ 45 °	- 45 °/+ 45 °	- 45 °/+ 45 °
Pendulum stroke levels	4	4	4	4
Strokes in idle	600 - 3,000 /min	900 - 3,300 /min	900 - 3,300 /min	1,000 - 3,100 /min
Saw blade stroke	18 mm	22 mm	22 mm	22 mm
Weight (without mains cable)	1.9 kg	2 kg	2 kg	2 kg
Cable length	2.5 m	2.4 m	2.4 m	4 m
Scope of delivery				
Order no.	**601030** [1] [2]	**601040**	**601041**	**601100**
Extraction nozzles				■
Protective glass	■	■	■	■
Chip guard plates		■	■	
Jigsaw blade wood	■			
Jigsaw blade metal	■			
Hexagonal wrench	■	■	■	■
Plastic carry case	■	■	■	

Equipment variants can be found in the Metabo price list and on the internet

[1] also available in 120 V (North/Latin America)

[2] also available in 110 V (UK)

Product advantages

- Chip blowing function for clear view of cutting line
- Metabo Quick for changing saw blades without tools
- Top handle with non-slip soft-grip surface
- Variospeed (V) Electronics for working with customised stroke rates for the materials used
- Low-lying saw blade guidance for precise cuts
- Metabo Quick for tool-free saw blade change and with automatic ejection
- Selectable chip blowing function ensures free view of cutting line
- Precision guide rail and guiding device available as accessory
- Extremely slim jigsaw for perfect handling in any application
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for work with materials requiring customised stroke rates, which remain almost constant under load
- Extraction possibility by means of connecting an all-purpose vacuum cleaner

System components

Accessories → 391 | Extraction systems → 453



Technical data	Jigsaw STE 140	Jigsaw STEB 140	Jigsaw STE 140 Plus	Jigsaw STEB 140 Plus
Rated input power	750 W	750 W	750 W	750 W
Output power	420 W	420 W	420 W	420 W
Cutting depth wood	140 mm	140 mm	140 mm	140 mm
Cutting depth NF metal	35 mm	35 mm	35 mm	35 mm
Cutting depth sheet steel	10 mm	10 mm	10 mm	10 mm
Swivel range from / to:	- 45 °/+ 45 °	- 45 °/+ 45 °	- 45 °/+ 45 °	- 45 °/+ 45 °
Pendulum stroke levels	4	4	4	4
Strokes in idle	1,000 - 3,100 /min	1,000 - 3,100 /min	1,000 - 3,100 /min	1,000 - 3,100 /min
Saw blade stroke	26 mm	26 mm	26 mm	26 mm
Weight (without mains cable)	2.5 kg	2.5 kg	2.5 kg	2.6 kg
Cable length	4 m	4 m	4 m	4 m
Scope of delivery				
Order no.	**601401**	**601402** [1]	**601403**	**601404** [2]
Extraction nozzles			■	■
Protective glass			■	■
Plastic guard plate			■	■
Chip guard plates			■	■
Hexagonal wrench	■	■		
Plastic carry case			■	■

Equipment variants can be found in the Metabo price list and on the internet
[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Extremely handy due to small body circumference and soft-grip surface

- Extremely handy due to small body circumference and soft-grip surface

- Convenient auto start with automatic stroke rate acceleration
- Simple bevel cuts thanks to footplate with rest points that can be adjusted without tools
- Motion-controlled LED work light for optimum illumination of the cutting line
- Restart protection: prevents unintentional start-up after power supply interruption

- Extremely powerful jigsaw with VTC-Electronics for fast cuts into soft wood of up to 140 mm deep
- Precise and material-matched sawing due to the variable stroke rate, pendulum stroke and low-lying saw blade guidance with spring support
- Metabo Quick for tool-free saw blade change and with automatic ejection
- Selectable chip blowing function ensures free view of cutting line
- Vario Tacho Constamatic (VTC) Full-wave Electronics for work with materials requiring customised stroke rates, which remain constant under load
- Long service life thanks to optimum gear and motor design and robust die-cast aluminium gear housing

System components

Accessories → 391 | Extraction systems → 453

Jigsaw blades

23948 BiM >professional< Holz/wood metabo

Features of the Metabo jigsaw blades

Colour

The colour indicates for which material the blade is best suited.

Yellow	For wood
Yellow with blue lettering	For wood with nails
Blue	For metal
Black	For special applications

Basic blade material

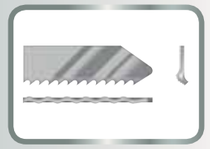
HCS	Carbon steel, for cutting soft wood, hardboards, plastics
HSS	High yielding high-speed steel, suitable for metal, aluminium work
BiM	Bi-metal is an especially flexible mix of HCS and HSS. The saw blades have a much higher service life than HCS and HSS and have proven their worth when there is risk of the shaft breaking
Carbide	Carbide, these particularly high performing saw blades are suitable for stainless steel, fibreglass reinforced plastic, gypsum plaster or cement fibre boards. Saw blades with a carbide coating are suitable to cut ceramic tiles

Quality classes

»classic« series	Good work results with very good tool life
»professional« series	Fast, clean and precise angle-cutting with long service life
»pionier« series	Fast through all materials
»expert« series	For special applications



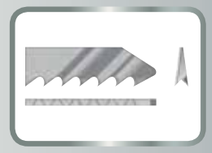
Teeth milled, offset for clearance gap
A relatively rough cut, fast progress in cutting on hard and soft wood, aluminium, non-ferrous metals and plastics



Teeth milled, waved for clearance gap
A fine cut with straight tool guidance in hard and soft wood, aluminium, non-ferrous metals and plastics



Teeth ground, offset for clearance gap
Fast cutting in hard and soft woods



Teeth ground, offset for clearance angle and clearance gap
Fine and clean cut in wood and plastics

Shank forms

The jigsaw blades from Metabo are produced with all shank forms matching the jigsaws of other brand names.

Single-lug Shank



U-shank



Accessories for Jigsaws

Wood

Order no. (corresponds to Bosch type)		623631000 (T 119 B)	623920000 (T 119 B)	623646000 (T 119 BO)	623632000 (T 111 C)	623633000 (T 144 D)	623921000 (T 144 D)	623649000 (T 244 D)	623960000 (T 244 D)	623678000 (T 344 D)	623603000 (T 744 D)	623651000 (T 101 AO)	623634000 (T 101 B)	623969000 (T 101 B)	623650000 (T 101 BR)		623635000 (T 101 D)	623923000 (T 101 D)	623654000 (T 301 CD)	623694000 (T 144 DP)	623679000 (T 344 DP)	623685000 (T 301 BCP)	623998000 (T 308 B)	623976000 (T 144 DF)	623933000 (T 144 DF)	623980000 (T 344 DF)	623695000 (T 101 AOF)	623948000 (T 101 AIF)	623975000 (T 101 BF)	623686000 (T 101 BRF)	623696000 (T 301 CDF)	623977000 (T 301 CLF)	623949000 (T 111 HF)	623999000 (T 308 BF)	623675000 (T 234 X)
		Jigsaw blades made of HSS															Jigsaw blades made of HSS							Jigsaw blades made of BiM											
Material to be processed			progressively toothed	For curved cuts	Fast, coarse	universally quick	universal, fast, progressively toothed	For curved cuts	for curved cuts, progressively toothed	extra long, fast	extra long, precise	clean for curved cuts	clean	clean, progressively toothed	clean, reverse, toothed			progressively toothed		precise, extra thick	precise, extra thick and long	precise, extra thick	extra clean top and bottom	fast	fast, progressively toothed	fast, extra long	for curved cuts, clean	clean	clean	clean, reverse, toothed		fast	also for non-ferrous metals:	extra clean top and bottom	Universally progressively toothed
Soft wood	< 15 mm	■	■	■								□														■								□
	> 15 mm				■	■	■	■	■	■	■		■	■	■		■	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■
Hard wood	< 20 mm	■	■	■								□														■								□
	> 20 mm				■	■	■	■	■	■	■		■	■	■		■	■	■	■	■	■	□	■	■	■		■	■	■	■	■	■	■	■
Chipboard/wood core plywood's	< 20 mm	■	■	■								□														■								□
	> 20 mm				■	■	■	■	■	■	■		■	■	■		■	■	■	■	■	■	■	■	■	■		■	■	■	■	■		■	■
Plastics	< 20 mm	■	■	■								■														□								□
	> 20 mm				■	□	□	□	□	□	□		■	■	■		□	□	□	□	□	□	□					□	■	■	□	■		□	■
Building/construction timber	< 60 mm				□																														
	> 60 mm									□	■									□	□	□													
Coated boards	< 30 mm	□	□	□								□														■		■	■						
	> 30 mm												□	□	□				□				■	■	■	■		■			■	□		■	□
Kitchen/worktops	< 30 mm	□	□	□																						■		■	■						
	> 30 mm																			■	■	■	■					■			■			■	□
Laminates	< 20 mm	□	□	□																						■									
	< 30 mm																						■					■	■	■	□			■	□
Wood + metal, wood + nails	< 60 mm																															■			

Metal

Order no. (corresponds to Bosch type)		623636000 (T 118 G)	623637000 (T 118 A)	623924000 (T 118 A)	623647000 (T 218 A)	623926000 (T 218 A)	623629000 (T 318 A)	623638000 (T 118 B)	623925000 (T 118 B)	623697000 (T 318 B)	623971000 (T 118 AF)	623950000 (T 118 AF)	623978000 (T 318 AF)	623979000 (T 318 BF)	623970000 (T 118 EOF)	623973000 (T 118 BF)	623929000 (T 118 BF)	623604000 (T 718 BF)	623972000 (T 118 EF)	623676000 (T 123 X)	623639000 (T 127 D)	623648000 (T 227 D)	623974000 (T 127 DF)	623677000 (T 345 XF)
		Jigsaw blades made of HSS									Jigsaw blades made of BiM									BiM	HSS		BiM	
Material to be processed				progressively toothed	For curved cuts	for curved cuts, progressively toothed	long version		progressively toothed	long version		progressively toothed			For curved cuts		progressively toothed	Extra long		Universally progressively toothed	fast	For curved cuts	fast	Universally progressively toothed
Steel sheets/ non-ferrous metals	< 1.5 mm	■		■		■						■												
	< 3.0 mm		■	■	■	■	■		■	■	■	■	■		■		■			■				
	> 3.0 mm							■	■	■				■		■	■	■	■	■	■	■	■	■
Pipes/profiles	< 30 mm	■	■	■	■	■	■	■	■	■	■	■	■	■		■	■		■	■	■		■	■
	> 30 mm						■			■			■	■				■						
Aluminium/ non-ferrous metals	< 15 mm																				■	■	■	
	> 15 mm																							
Sandwich materials	< 65 mm	□	□	□	□	□	■	□	□	□	□	□	■	■		□	□		□	□	□	□	□	■
	> 65 mm																	■						
Plastics	< 30 mm	□	□	□	□	□		□	□		□	□			□	□	□		□	□	■	■	■	■
	> 30 mm						□			□			■	■				■						
																					⇧	⇧	⇧	⇧
																					always use coolant l ubrication when sawing aluminium			can also be used for wood

Special Applications

Order no. (corresponds to Bosch type)		623662000 (T 118 AHM)	623663000 (T 118 EHM)	623687000 (T 301 CHM)	623652000 (T 141 HM)	623671000 (T 341 HM)	623640000 (T 101 A)	623641000 (T 113 A)	623684000 (T 313 AW)	623657000 (T 130 Riff)	623658000
								Straight blade	Wavy blade	Coarse	fine
Stainless steel sheets (Inox) non-ferrous metals	1-2 mm	■									
	2-4 mm		■								
Glass-fibre reinforced plastic/Corian	4-60 mm			■	■	■				■	■
Gypsum plaster/cement fibreboard	5-50 mm				■						
	5-80 mm					■					
Ceramic/Glass										■	■
Plexiglas/Polycarbonate	2-20 mm						■				
Polystyrene/cardboard/leather/ rubber/carpet	< 50 mm							■	■		

Legend

Progressively toothed = Tooth pitch ascending suitable for both thin and thick materials

Reverse toothed = clean cutting edges at the top, caution: deactivate the pendulum stroke!

■ highly suitable

□ Only suitable under certain circumstances

Accessories for Jigsaws

Jigsaw Blades

Jigsaw blades with single-lug shank

- Suitable for Metabo, AEG, Black & Decker, Bosch, DeWalt, Festool, Hitachi, Holz-Her, Kress, Mafell, Makita, Skil ...

Version	Material	Useable length mm	Thick-ness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
for wood, »classic« series Good cutting results with good tool life							
23631 HCS >classic< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood 2-15 mm, fibre boards 2-15 mm, plastics, insulating material							
Milled, wavy	HCS	51	1	2.0 mm	T 119 B	5	623631000*
23920 HCS >classic< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood 2-15 mm, fibre boards 2-15 mm, plastic, insulation material, saw blades with immersion tip							
Milled, wavy	HCS	66	1	1.9 - 2.3 mm/ 13-11 TPI/ Progressive	T 119 B	5	623920000*
23646 HCS >classic< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood 2-20 mm, fibre boards 2-20 mm, plastics, insulating material, especially for curved cuts							
Milled, wavy	HCS	51	1	2.0 mm	T 119 BO	5	623646000*
						25	623605000*
23632 HCS >classic< Holz/wood metabo							
Hard wood, soft wood, plastics 4-50 mm, for fast, rough cuts							
Milled, offset	HCS	74	1.25	3.0 mm	T 111 C	5	623632000*
						25	623606000*
for wood, »professional« series Fast, clean and precise with a long tool life							
23633 HCS >professional< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood 5-50 mm, for quick cuts							
ground, offset	HCS	74	1.25	4.0 mm	T 144 D	3	623964000*
						5	623633000*
						25	623690000*
						100	623712000
23921 HCS >professional< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood 5-50 mm, for quick cuts, saw blade with plunge tip							
ground, offset	HCS	74	1.25	4-5.2 mm/ 6-5 TPI/ Progressive	T 144 D	5	623921000*
23649 HCS >professional< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood 5-50 mm, especially for curved cuts							
ground, offset	HCS	74	1.25	4.0 mm	T 244 D	5	623649000*
						25	623607000*
23960 HCS >professional< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood 5-50 mm, especially for curved cuts, saw blade with plunge tip							
ground, offset	HCS	74	1.25	4-5.2 mm/ 6-5 TPI/ Progressive	T 244 D	**5**	623960000*
23678 HCS >professional< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood 2-15 mm, fibre boards, for quick cuts							
ground, offset	HCS	126	1.25	4.0 mm	T 344 D	5	623678000*
23603 HCS >professional< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood, fibre boards, construction wood, extra thick							
ground, offset	HCS	155	1.5	4.0 mm	T 744 D	5	623603000*
23651 HCS >professional< Holz/wood metabo							
Soft wood, plywood, plastics 1.5-5 mm, especially for clean cuts, especially for curved cuts							
Clearance angle offset, pointed teeth	HCS	57	1.25	1.4 mm	T 101 AO	5	623651000*
						25	623624000*
23634 HCS >professional< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood, fibre boards, plastics 3-30 mm, for clean cuts							
Clearance angle offset, tooth ground	HCS	74	1.5	2.5 mm	T 101 B	3	623961000*
						5	623634000*
						25	623691000*
						100	623703000
23969 HCS >professional< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood, fibre boards, plastics 3-30 mm, for clean cuts, saw blades with plunge tip							
Clearance angle offset, tooth ground	HCS	74	1.5	2.7 mm/ 9 TPI	T 101 B	5	623969000*
23650 HCS >professional< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood, fibre boards, coated boards 3-30 mm, for clean cuts, Caution: deactivate the pendulum action!							
Clearance angle, tooth ground reverse gearing	HCS	74	1.5	2.5 mm	T 101 BR	5	623650000*
						25	623608000*
23635 HCS >professional< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood 10-45 mm, fibre boards 10-45 mm, for clean cuts							
Clearance angle offset, tooth ground	HCS	74	1.5	4.0 mm	T 101 D	3	623962000*
						5	623635000*
						25	623609000*
						100	623704000
23923 HCS >professional< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood 10-45 mm, fibre boards 10-45 mm, for clean cuts, saw blade with plunge tip							
Clearance angle offset, tooth ground	HCS	74	1.5	4-5.2 mm/ 6-5 TPI/ Progressive	T 101 D	5	623923000*
23654 HCS >professional< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood 4-60 mm, fibre boards 4-60 mm, for clean cuts							
Clearance angle offset, tooth ground	HCS	91	1.5	3.0 mm	T 301 CD	5	623654000*
23694 HCS >professional< Holz/wood metabo							
Hard wood, soft wood, doors, kitchen counters 5-50 mm, for precise angle cuts, extra thick							
ground, offset	HCS	74	1.7	4.0 mm	T 144 DP	5	623694000*
23679 HCS >professional< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood 5-100 mm, fibre boards 5-100 mm, for angle-precise cuts, extra thick							
precision ground, tooth ground	HCS	104	1.7	4.0 mm	T 344 DP	5	623679000*
23685 HCS >professional< Holz/wood metabo							
Kitchen counters, hardwood 3-65 mm, softwood 3-65 mm, doors, for precise angle cuts, extra thick							
Clearance angle offset, tooth ground	HCS	91	1.7	2.5 mm	T 301 BCP	5	623685000*
623998 HCS >professional< Holz/wood metabo							
Perfect on both sides, splinter-free cutting result, for fast cuts, soft wood, Attention: deactivate pendulum stroke!							
Clearance angle offset, tooth ground	HCS	93	1.5	2.2 mm	T 308 B	5	623998000*
for wood, »professional« series, BiM Fast, clean and precise with a very long tool life							
23976 BiM >professional< Holz/wood metabo							
Hard wood, soft wood, coated boards 5-50 mm, for quick cuts							
ground, offset	BiM	74	1.25	4.0 mm	T 144 DF	5	623976000*
23933 BiM >professional< Holz/wood metabo							
Hard wood, soft wood, wood with nails, laminated board 5-50 mm, for quick cuts, saw blade with plunge tip							
ground, offset	BiM	74	1.25	4-5.2 mm/ 6-5 TPI/ Progressive	T 144 DF	5	623933000*
23980 BiM >professional< Holz/wood metabo							
Hard wood, soft wood, coated boards 5-100 mm, for quick cuts							
ground, offset	BiM	126	1.25	4.0 mm	T 344 DF	5	623980000*
23695 BiM >professional< Holz/wood metabo							
Especially for laminate, laminated flooring, hard wood, soft wood, coated boards, plywood, especially for curved cuts, for clean cuts							
Clearance angle offset, tooth ground, pointed teeth	BiM	57	1.25	1.4 mm	T 101 AOF	5	623695000*

*Self-service packaging

Accessories for Jigsaws

Version	Material	Useable length mm	Thick-ness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
23948 BiM >professional< Holz/wood metabo							
Especially for laminate, laminated flooring, hard wood, soft wood, coated boards, plastics 2-30 mm, for clean cuts							
Clearance angle offset, tooth ground, pointed teeth	BiM	74	1.25	1.7 mm	T 101 AIF	5	623948000*
23975 BiM >professional< Holz/wood metabo							
Hard wood, soft wood, laminated flooring, coated boards, plastics 3-30 mm, for clean cuts, saw blade with plunge tip							
Clearance angle offset, tooth ground	BiM	74	1.25	2.7 mm	T 101 BF	5	623975000*
23686 BiM >professional< Holz/wood metabo							
Especially for laminate, laminated flooring, kitchen counters 3-30 mm, coated boards, for clean cuts, Caution: deactivate the pendulum stroke!							
Clearance angle, tooth ground reverse gearing	BiM	74	1.25	2.5 mm	T 101 BRF	5	623686000*
23696 BiM >professional< Holz/wood metabo							
Hard wood, soft wood, coated boards 4-60 mm							
Clearance angle offset, tooth ground	BiM	91	1.5	3.0 mm	T 301 CDF	5	623696000*
23977 BiM >professional< Holz/wood metabo							
Hard wood, soft wood, chipboards, plywood 5-80 mm, fibreglass boards 5-30 mm, for quick cuts							
Clearance angle offset, tooth ground	BiM	105	1.5	3.0 mm	T 301 CLF	5	623977000*
23949 BiM >professional< Holz/wood metabo							
Hard wood, soft wood, wood with nails, non-ferrous metals, plastics							
Ground	BiM	90	1	2.5 mm	T 111 HF	5	623949000*
623999 BiM >professional< Holz/wood metabo							
Perfect on both sides, splinter-free cutting result, for fast cuts, hardwood. Attention: deactivate the pendulum stroke!							
Clearance angle offset, tooth ground	BiM	93	1.5	2.2 mm	T 308 BF	5	623999000*
for wood »pionier« series Quick and clean in all wood thicknesses							
23675 HCS >pionier< Holz/wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood, fibre boards, for quick cuts							
Clearance angle offset, tooth ground	HCS	91	1.5	2.0-3.0 mm, Progressive	T 234 X	5	623675000*
						25	623617000*
Universal, »pionier« series For wood, metal, plastics							
623677 BiM >pionier< Holz+Metall / wood+metal metabo							
Wood, wood with nails, metal, non-ferrous metals, plastics							
Offset, milled	BiM	106	1.25	2.4-5.0 mm, Progressive	T 345 XF	5	623677000*
						25	623621000*
for metal, »classic« series Good cutting results with good tool life							
23636 HSS >classic< Metall/metal>> metabo							
Steel sheets 0.5-1.5 mm, non-ferrous metals							
Milled, wavy	HSS	66	1	0.7 mm	T 118 G	5	623636000*
						25	623693000*
23637 HSS >classic< Metall/metal>> metabo							
Steel sheets 1-3 mm, non-ferrous metals							
Milled, wavy	HSS	51	1	1.2 mm	T 118 A	3	623965000*
						5	623637000*
						25	623692000*
23924 HSS >classic< Metall/metal >>> metabo							
Steel sheets 1-3 mm, non-ferrous metals							
Milled, wavy	HSS	66	1	1.1-1.5 mm/ 23-17 TPI/ Progressive	T 118 A	5	623924000*
23647 HSS >classic< Metall/metal >> metabo							
Sheet steel 1-3 mm, non-ferrous metals, especially for curved cuts							
Milled, wavy	HSS	51	1	1.2 mm	T 218 A	5	623647000*

Version	Material	Useable length mm	Thick-ness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
23926 HSS >classic< Metall/metal >>> metabo							
Sheet steel 1-3 mm, non-ferrous metals, especially for curved cuts, saw blade with plunge tip							
Milled, wavy	HSS	66	1	1.1-1.5 mm/ 23-17 TPI/ Progressive	T 218 A	5	623926000*
23629 HSS >classic< Metall/metal >>>>>>>>>>>>>>>>> metabo							
Steel sheets 1-3 mm, non-ferrous metals, sandwich materials							
Milled, wavy	HSS	106	1	1.2 mm	T 318 A	5	623629000*
						25	623623000*
23638 HSS >classic< Metall/metal>> metabo							
Steel sheets 2.5-6 mm, non-ferrous metals							
Milled, wavy	HSS	51	1	2.0 mm	T 118 B	5	623638000*
						25	623618000*
23925 HSS >classic< Metall/metal >>> metabo							
Steel sheets 2.5-6 mm, non-ferrous metals							
Milled, wavy	HSS	66	1	1.9-2.3 mm/ 13-11 TPI/ Progressive	T 118 B	5	623925000*
23697 HSS >classic< Metall/metal >>>>>>>>>>>>>>>>> metabo							
Steel sheets 2.5-6 mm, non-ferrous metals							
Milled, wavy	HSS	106	1	2.0 mm	T 318 B	5	623697000*
for metal, »professional« series Unbreakable, with long tool life							
23971 BiM >professional< Metall/metal> metabo							
Steel sheets 1-3 mm, non-ferrous metals							
Milled, wavy	BiM	51	1	1.2 mm	T 118 AF	5	623971000*
23950 BiM >professional< Metall/metal >>> metabo							
Steel sheets 1-3 mm, non-ferrous metals							
Milled, wavy	BiM	66	1	1.1-1.5 mm/ 23-17 TPI/ Progressive	T 118 AF	5	623950000*
23978 BiM >professional< Metall/metal >>>>>>>>>>>>> metabo							
Steel sheets 1-3 mm, sandwich materials 2-65 mm, non-ferrous metals, Plexiglas							
Milled, wavy	BiM	106	1	1.1 mm	T 318 AF	5	623978000*
23979 BiM >professional< Metall/metal >>>>>>>>>>>>> metabo							
Steel sheets 2.5-6 mm, sandwich materials 2-65 mm, non-ferrous metals, Plexiglas							
Milled, wavy	BiM	106	1	1.8 mm	T 318 BF	5	623979000*
23970 BiM >professional< Metall/metal>>> metabo							
Sheet steel 1.5 - 4 mm, especially for curved cuts							
Milled, wavy	BiM	57	1.25	1.5 mm	T 118 EOF	5	623970000*
23973 BiM >professional< Metall/metal> metabo							
Steel sheets 2.5-6 mm, non-ferrous metals							
Milled, wavy	BiM	51	1	2.0 mm	T 118 BF	5	623973000*
23929 BiM >professional< Metall/metal>> metabo							
Sheet steel 1-3 mm, non-ferrous metals, saw blade with plunge tip							
Milled, wavy	BiM	66	1	1.9-2.3 mm/ 13-11 TPI/ Progressive	T 118 BF	5	623929000*
23604 BiM >professional< Sandwich Material >>>>>>>>>>>>>>>>> metabo							
Steel sheets 2.5-6 mm, sandwich materials 2-120 mm, non-ferrous metals, Plexiglas							
Milled, offset	BiM	150	1.25	2.0 mm	T 718 BF	5	623604000*
23972 BiM >professional< Metall/metal metabo							
Steel sheets 2-5 mm, non-ferrous metals							
Milled, wavy	BiM	50	1	1.5 mm	T 118 EF	5	623972000*

*Self-service packaging

Version	Material	Useable length mm	Thick-ness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
for metal, »pionier« series Quick and clean in all material thicknesses							
 Steel sheets 1.5-10 mm, non-ferrous metals to 30 mm							
Milled, offset	BiM	74	1	1.4 - 2.6 mm, Progressive	T 123 XF	5	623676000*
						25	623620000*
for aluminium and non-ferrous metals, »expert« series Especially for aluminium and non-ferrous metals							
 Aluminium 3-15 mm, non-ferrous metals 4-20 mm, plastics, for quick cuts							
Milled, offset	HSS	74	1	3.0 mm	T 127 D	5	623639000*
						25	623622000*
 Aluminium 3-15 mm, non-ferrous metals 4-20 mm, especially for curved cuts							
Milled, offset	HSS	74	1	3.0 mm	T 227 D	5	623648000*
 Aluminium 3-15 mm, non-ferrous metals 4-20 mm, plastics, for quick cuts							
Milled, offset	BiM	75	1	3.0 mm	T 127 DF	5	623974000*
for stainless steel, »expert« series Especially for stainless steel, Inox							
 Stainless steel sheets (Inox) 1-2 mm, non-ferrous metals							
Ground	HM	57	1	1.1 mm	T 118 AHM	3	623662000*
 Stainless steel sheets (Inox) 2-4 mm, non-ferrous metals							
Ground	HM	57	1	1.4 mm	T 118 EHM	3	623663000*
For plastics, »expert« series For special applications, e.g. plastics							
 Fibreglass reinforced plastics, Corian 4-60 mm							
Ground	HM	91	1.25	3.3 mm	T 301 CHM	3	623687000*
for gypsum plaster/cement materials, »expert« series For special applications, e.g. gypsum plaster, cement materials							
 Gypsum plaster, cement fibre board 5-50 mm, fibreglass reinforced plastics 5-20 mm							
Ground	HM	74	1.25	4.3 mm	T 141 HM	1	623652000*
 Gypsum plaster, cement fibre board 5-80 mm, fibreglass reinforced plastics 5-50 mm							
Ground	HM	106	1.25	4.3 mm	T 341 HM	1	623688000*
						3	623671000*
for Plexiglas, »expert« series For special applications, e.g. Plexiglas							
 Plexiglas, polycarbonate 2-20 mm, non-ferrous metals 2-10 mm							
Clearance angle offset, tooth ground	HSS	74	1.25	2.0 mm	T 101 A	5	623640000*
for soft materials, »expert« series For special applications, e.g. soft materials, carton							
 Polystyrene, cardboard, leather, rubber, carpet up to 50 mm							
Knife ground, straight	HCS	74	1.25		T 113 A	5	623641000*
 Polystyrene, cardboard, leather, rubber, carpet up to 50 mm							
Blades ground, wavy	HCS	126	1		T 313 AW	3	623684000*

*Self-service packaging

Version	Material	Useable length mm	Thick-ness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
for ceramic materials, »expert« series for special applications, e.g. ceramic materials							
 Ceramic, glass, fibre glass reinforced plastics, cast iron							
Coarse	Carbide, coated	76	0.8	-	T 130 Riff	1	623657000*
 Ceramic, glass, fibre glass reinforced plastics, cast iron							
fine	Carbide, coated	76	0.8	-	T 150 Riff	1	623658000*

Jigsaw blade assortments with single-lug shank

- Suitable for Metabo, AEG, Atlas Copco, Black & Decker, Bosch, DeWalt, Elu, Festool, Hitachi, Holz-Her, Kress, Mafell, Makita, Skil ...

		Order no.
	**Jigsaw blade assortment 1** ■ For wood and metal ■ HCS saw blades/HSS saw blade Consisting of 1 saw blade each 623634000, 623633000, 623637000 Suitable material: wood, metal Number of parts: 3	623968000*
	**Jigsaw blade assortment 2** ■ For wood, metal and plastic ■ HCS saw blades/HSS saw blade Consisting of 1 saw blade each 623633000, 623635000, 623632000, 623631000 und 623637000 Suitable material: wood, plastic, metal Number of parts: 5	623645000*
	**Jigsaw blade assortment 3** ■ For wood, metal and plastic ■ HCS saw blades/HSS saw blades Consisting of 2 saw blades each 623634000,623633000,623646000,623637000,623638000 Material suitability: Wood, metal, plastics Number of parts: 10	623600000*
	**Jigsaw blade assortment 4** ■ For wood ■ HCS saw blades Consisting of 10 saw blades 623633000 and 623635000 and 5 saw blade 623649000 Suitable material: wood Number of parts: 25	623698000*

Jigsaw blades with universal shank

- Suitable for Black & Decker, Skil, Kress and others

Version	Material	Useable length mm	Thick-ness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
for wood, »classic« series Good cutting results with good tool life							
 Hard wood, soft wood, chipboards, wood-core plywood, fibre boards 5-50 mm, for clean cuts							
Milled, offset	HCS	74	1.25	3.0 mm	U 111 C	5	623945000*

Version	Material	Useable length mm	Thick-ness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
for wood, »professional« series Cleaner/quicker cut							
23944 HCS >professional< Holz/wood >>> metabo Hard wood, soft wood, chipboards, wood-core plywood, fibre boards 5-50 mm							
ground, offset	HCS	82	1.25	4.0 mm	U 144 D	5	623944000*
23936 HCS >professional< Holz/wood metabo Hard wood, soft wood, plywood, coated board 1.5-15 mm, especially for curved cuts							
Clearance angle offset, pointed teeth	HCS	52	1.25	1.3 mm	U 1 AO	5	623936000*
23943 HCS >professional< Holz/wood >>> metabo Hard wood, soft wood, chipboards, wood-core plywood, fibre boards 10-45 mm, for clean cuts							
Clearance angle offset, tooth ground	HCS	82	1.25	2.5 mm	U 101 B	5	623943000*
23942 HCS >professional< Holz/wood >>> metabo Hard wood, soft wood, chipboards, wood-core plywood, fibre boards 3-30 mm, for clean cuts							
Clearance angle offset, tooth ground	HCS	82	1.25	4.0 mm	U 101 D	5	623942000*
for wood, »professional« series, BiM Fast with long tool life							
23905 BiM >professional< Holz/wood >>> metabo Hard wood, soft wood, chipboards, wood-core plywood, fibre boards 3-30 mm, coated boards, for clean cuts							
Clearance angle offset, tooth ground	BiM	82	1.25	2.5 mm	U 101 BF	5	623905000*
for wood »pionier« series Quick and clean in all wood thicknesses							
23903 HCS >pionier< Holz/wood >>>>>>>>> metabo Hard wood, soft wood, chipboards, wood-core plywood 2-65 mm, for quick cuts							
Clearance angle offset, tooth ground	HCS	90	1.5	2.0-3.0 mm, Progressive	U 234 X	5	623903000*
for wood and metal, »pionier« series For wood, metal, plastics							
23906 BiM >pionier< Holz+Metall / wood+metal >>>>>> metabo Wood, wood with nails, metal, non-ferrous metals, plastics							
Milled, offset	BiM	107	1.25	2.4 - 5.0 mm, Progressive	U 345 XF	5	623906000*
for metal, »classic« series Good cutting results with good tool life							
23938 HSS >classic< Metall/metal >>>> metabo Sheet steel, 0.5 - 1.5 mm,							
Milled, wavy	HSS	52	0.8	0.7 mm	U 118 G	5	623938000*
23941 HSS >classic< Metall/metal >>> metabo Steel sheets 1-3 mm							
Milled, wavy	HSS	52	0.8	1.2 mm	U 118 A	5	623941000*
23940 HSS >classic< Metall/metal >>> metabo Steel sheets, 2.5-6 mm,							
Milled, wavy	HSS	52	1	2.0 mm	U 118 B	5	623940000*
for metal, »professional« series Unbreakable, with long tool life							
23907 BiM >professional< Metall/metal metabo Steel sheets 1-3 mm							
Milled, wavy	BiM	52	0.8	1.2 mm	U 118 AF	5	623907000*
23937 BiM >professional< Metall/metal >>>>> metabo Steel sheets, 2.5-6 mm,							
Milled, wavy	BiM	74	0.8	2.0 mm	U 118 BF	5	623937000*
for metal, »pionier« series Quick and clean in all material thicknesses							
23909 HSS >pionier< Metall/metal >>> metabo Steel sheets 1.5-10 mm, pipes, profiles up to 30 mm							
Milled, offset	BiM	74	1	1.2 - 2.6 mm, Progressive	U 123 XF	5	623909000*
for aluminium and non-ferrous metals, »expert« series Especially for aluminium and non-ferrous metals							
23939 HSS >expert< Alu >>>>>>>>>> metabo Aluminium, non-ferrous metals 3-15 mm, pipes, profiles up to 30 mm							
Milled, offset	HSS	74	1	3.0 mm	U 127 D	5	623939000*

*Self-service packaging

Other Accessories for Jigsaws

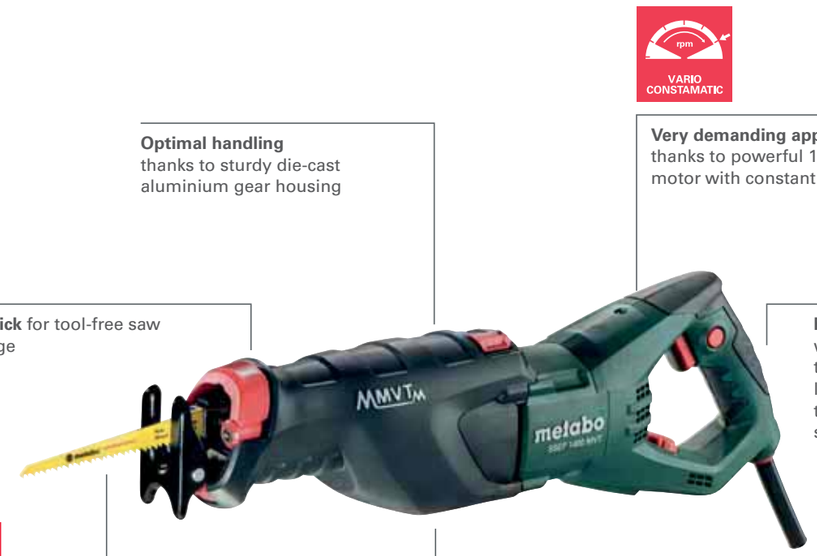
		Order no.
	**Guard plate** ■ For fitting on the base plate of the jigsaw ■ The plastic universal guard plate for protecting all work piece surfaces ■ Guide rail adapter can be coupled on both sides, compatible with Metabo, Mafell and Bosch ■ Rubberised immersion aid for plunge cuts ■ Chip guard plates can be used suitable for machine: STE 140, STE 140 Plus, STEB 140, STEB 140 Plus, STA 18 LTX 140	623595000*
	**Guard plate** ■ For fitting on the base plate of the jigsaw ■ The plastic felt guard plate prevents extremely sensitive work piece surfaces from scratches, incl. 3 replacement felts ■ Guide rail adapter can be coupled on both sides, compatible with Metabo, Mafell and Bosch ■ Rubberised immersion aid for plunge cuts ■ Chip guard plates can be used suitable for machine: STE 140, STE 140 Plus, STEB 140, STEB 140 Plus, STA 18 LTX 140	623596000*
	**Guard plate** ■ For fitting on the base plate of the jigsaw ■ The durable plastic laminated fabric guard plate (pertinax) for wood or wood-like work piece surfaces ■ Guide rail adapter can be coupled on both sides, compatible with Metabo, Mafell and Bosch ■ Rubberised immersion aid for plunge cuts ■ Chip guard plates can be used suitable for machine: STE 140, STE 140 Plus, STEB 140, STEB 140 Plus, STA 18 LTX 140	623597000*
	**Guard plate** ■ For fitting on the base plate of the jigsaw ■ The guard plate protects sensitive work piece surfaces from scratches suitable for machine: STEB 70 Quick, STEB 80 Quick, STE 90 SCS, STE 100 SCS, STA 18 LTX, STE 100 Plus, STE 135, STE 135 Plus, STEB 135, STEB 135 Plus, STEB 65 Quick, STE 100 Quick, STA 18 LTX 100, STAB 18 LTX 100	623664000*
	**Circle-cutting and parallel guide** ■ For cutting circles of Ø 100 to Ø 360 mm and for cutting parallel to an edge (maximum distance from the edge 210 mm). suitable for machine: STE 140, STE 140 Plus, STEB 140, STEB 140 Plus, STA 18 LTX 140, STEB 65 Quick, STEB 65 Quick, STE 100 Quick, STA 18 LTX 100, STAB 18 LTX 100	623591000*
	**Circle-cutting and parallel guide** ■ For cutting circles of Ø 100 to Ø 360 mm and for cutting parallel to an edge (maximum distance from the edge 210 mm). suitable for machine: STE 100 Plus, STE 135, STE 135 Plus, STEB 135, STEB 135 Plus, STA 18 LTX, STEB 70 Quick, STEB 80 Quick, STE 90 SCS, STE 100 SCS	631340000*

		Order no.
	**Guide rail 631213** ■ Guide rail made of sturdy, anodised aluminium extrusion ■ Anti-slip backing provides safe and reliable support and protects the work piece surface against scratches ■ Guide rule, adjustable to eliminate play suitable for: Metabo jigsaws, hand-held circular saws and router models OFE 738 and Of E 1229 Signal (when using the appropriate accessories; KS 55 FS, KSE 55 Vario Plus, KS 66 Plus, KSE 68 Plus can be used directly); also suitable for the CED 125 Plus dust extraction shroud in connection with an angle grinder Overall length: 1,500 mm	631213000
	**Guiding Device** ■ For use of the jigsaws in connection with the guide rail 631213 suitable for machine: STEB 70 Quick, STEB 80 Quick, STE 90 SCS, STE 100 SCS, STE 100 Plus, STE 135, STE 135 Plus, STEB 135, STEB 135 Plus, STA 18 LTX	631249000
	**Connector** ■ For the trouble-free joining together of two precision guide rails 631213	631211000*
	**2 Tensioning clamps FSZ** ■ For fixing the precision guide rail on the work piece or work table	631031000*
	**Lubricating / Cooling stick** ■ Increase of durability with tools, for example, core drills, magnetic drills, BiM hole saws, router bits or saw blades	623443000
	**3 Chip guard plates** ■ For splinter-free sawing with the jigsaw suitable for machine: STE 100 Plus, STE 135, STE 135 Plus, STEB 135, STEB 135 Plus	623665000*
	**3 Chip guard plates** ■ For splinter-free sawing with the jigsaw suitable for machine: STEB 70 Quick, STEB 80 Quick, STE 90 SCS, STE 100 SCS, STA 18 LTX, ST 50 Pendix, STE 70, STE 80 Quick, STE 140, STE 140 Plus, STEB 140, STEB 140 Plus, STA 18 LTX 140, STEB 65 Quick, STE 100 Quick, STA 18 LTX 100, STAB 18 LTX 100	631208000*
	**Extraction set** ■ Extraction set with corrugated end for safe connection to the Metabo all-purpose vacuum cleaner with suction hose Ø 27 mm and 35 mm. Suitable for machine: STA 18 LTX 140	623669000*
	**Extraction set** ■ Extraction set with corrugated end for safe connection to the Metabo all-purpose vacuum cleaner with suction hose Ø 27 mm and 35 mm suitable for machine: STE 140, STE 140 Plus, STEB 140, STEB 140 Plus	623670000*
	**Suction hose** ■ With bayonet fitting and rubber connector (internal Ø 30 mm, outside Ø 35 mm) Connector Ø: 58 mm Hose length: 3.5 m Suction hose Ø: 27 mm	631938000
	**Suction hose** ■ Anti-static suction hose ■ With bayonet fitting and rubber connector (internal Ø 30 mm, outside Ø 35 mm) Connector Ø: 58 mm / 35 mm Hose length: 3.5 m Suction hose Ø: 27 mm	631939000

*Self-service packaging

Robust sabre saws: For powerful sawing.

Few tools offer as much versatility as a sabre saw. In the renovation and building trade it provides the ideal choice for rough cuts such as cutting pipes, wood and insulating boards, or the trimming of aerated blocks and much more. With the SSEP 1400 MVT and the smaller model SSE 1100, Metabo offers two particularly robust and powerful sabre saws.



SSEP 1400 MVT



Sabre saws can, thanks to the universal range of sabre saw blades, be used in different materials, such as here in aerated concrete.



Using the **SSEP 1400 MVT** from Metabo, building and renovation trade professionals' progress quickly, even in the most demanding applications, thanks to the powerful 1,400 Watt.



The **SSE 1100** is suited for all standard applications, for example for shortening pipes, for cutting wood and insulation boards and much more.

10.8 V
18 V





Technical data	Cordless Sabre Saw PowerMaxx ASE	Cordless Sabre Saw SSE 18 LTX Compact	Cordless Sabre Saw ASE 18 LTX
Type of battery pack	Li-Ion	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	10.8 V	18 V	18 V
Strokes in idle	0 - 3,100 /min	0 - 3,100 /min	0 - 2,700 /min
Saw blade stroke	13 mm	13 mm	30 mm
Weight (including battery pack)	1.2 kg	1.9 kg	3.9 kg

Scope of delivery

Order no.	602264	602266	602269
Jigsaw blade for metal	■	■	
Sabre saw blade for wood and metal	■	■	
Hexagonal wrench			■
2 Li-Power battery packs (10.8 V/2.0 Ah)	■		
2 LiHD battery packs (18 V/4.0 Ah)		■	
2 LiHD battery packs (18 V/5.5 Ah)			■
Charger ASC 30-36 V »AIR COOLED«		■	■
Charger LC 40	■		
Plastic carry case	■	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Light, extremely handy saw for one or two handed operation
- Especially suitable for working in difficult to reach places
- Extended range of application thanks to unique Quick retainer for sabre saw blades and jigsaw blades
- Depth guide can be adjusted without tools for ideal utilisation of the saw blade and diverse applications such as plunge cuts
- Integrated LED work light for optimum illumination of the cutting line
- Practical capacity display for checking the charge status

- Slim, lightweight machine with soft-grip handle for comfortable sawing in every working position
- Robust die-cast aluminium gear housing, coated for optimum handling
- Saw blade rotatable by 180° for working comfortably overhead
- Depth guide can be adjusted for ideal utilisation of the saw blade and diverse applications such as plunge cuts
- Battery packs with capacity display for checking the charge status

- Variospeed (V) Electronics for working with customised stroke rates for the materials used
- Metabo Quick for changing saw blades without tools
- Wide range of uses thanks to the adapted Metabo saw blade range

System components

Accessories → 406

Battery packs → 72




Technical data	Sabre Saw SSE 1100	Sabre Saw SSEP 1400 MVT
Rated input power	1,100 W	1,400 W
Output power	550 W	600 W
Strokes in idle	0 - 2,600 /min	0 - 2,800 /min
Saw blade stroke	28 mm	32 mm
Pendulum stroke levels	0	3
Weight (without mains cable)	3.9 kg	4.6 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	606177	606178
Saw blade wood		■
Saw blade metal		■
Saw blade wood + metal	■	
Plastic carry case	■	■

Product advantages

- Slim machine with soft-grip handle for comfortable sawing in every working position
- Variospeed (V) Electronics for working with customised stroke rates for the materials used
- Continuous mode control trigger c/w locking function for continuous operation
- Quick sawing progress thanks to powerful motor

- Powerful 1,400 Watt motor with constant stroke rate for very demanding applications
- Selectable 3-level pendulum stroke for optimum sawing performance in any material
- Metabo VibraTech (MVT): integrated weight balance to reduce vibrations
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for work with materials requiring customised stroke rates, which remain almost constant under load
- Maximum control with speed control trigger c/w locking function and thumbwheel for stroke preselection
- Integrated LED work light for optimum illumination of the cutting line

- Robust aluminium die-cast gear housing, coated for optimum handling
- Metabo Quick for changing saw blades without tools
- Saw blade rotatable by 180° for working comfortably overhead
- Depth guide can be adjusted without tools for ideal utilisation of the saw blade and diverse applications such as plunge cuts
- Gear protected against dust and water splashes
- Wide range of uses thanks to the adapted Metabo saw blade range

System components

Accessories → 406

Metal

Order no. (corresponds to Bosch type)		631129000 (S 918 AF)	631130000 (S 918 BF)	631454000 (S 922 EF)	631493000 (S 1122 EF)	631990000 (S 422 BF)	631491000 (S 922 BF)	631494000 (S 1122 BF)	628260000 (S 925 VF)	631991000 (S 1025 VF)	628261000 (S 1125 VF)	628263000 (S 1225 VF)	631909000 (S 1025 BF)	631992000 (S 920 CF)	631993000 (S 1120 CF)	628255000 (S 926 BEF)	628256000 (S 1126 BEF)	628257000 (S 926 CHF)	631989000 (T 1126 CHF)	628258000 (S 1136 BEF)	628269000 (S 1136 CHF)	631914000 (S 123 XF)
		»flexible« sabre saw blades < 1.0 mm							»professional« sabre saw blades >1.0 mm blade thickness											»premium«		
Material to be processed/ or applications					For flush cuts	For curved cuts		For flush cuts				Extra long		Extra thick, robust	Extra thick, robust	Clean straight, precise	Clean straight, precise	Fast straight, precise	Fast straight, precise	Particularly clean, straight, precise, high durability	Very fast, straight, precise, high durability	Universally progressively toothed
Sheet metal	< 3.0 mm	■		■	■	■			□	□	□	□	□									■
	< 8.0 mm		■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	> 8.0 mm								■	■	■	■	■	■	■			□	□		□	
Pipes, profiles	< 100 mm	■	■	■			■		■	□	□		□	■		■		■				■
	< 175 mm				■			■		■	■	□	■		■		■		■	■	■	
	< 250 mm											■										
Demolition and reconstruction work	–													■	■	■	■	■	■	■	■	

Wood + Metal

Order no. (corresponds to Bosch type)		631125000 (S 1211 H)	631492000 (S 922 VF)	631495000 (S 1122 VF)	631407000 (S 1222 VF)	631932000 (S 1022 HF)	631984000 (S 611 VF)	631985000 (S 711 VF)	631986000 (S 1111 VF)	631987000 (S 1411 VF)	631925000 (S 610 DF)	631926000 (S 1110 DF)	631915000 (S 3456 XF)
		»flexible« < 1.0 mm					»professional« >1.0 mm						
		Extra long	Short		Extra long	Especially for pallet repairs		For curved cuts		Extra long	Extra thick, robust, short	Extra thick, robust, long	Universally progressively toothed
Wood, chipboards	< 100 mm		□				■	■			■		■
	< 175 mm			□		□			■			■	■
	< 250 mm	■			□					■			
Wood with nails/metal inserts	< 100 mm		■				■	■			■		■
	< 175 mm			■		■			■			■	■
	< 250 mm	□			■					■			
Sheet metal	< 3.0 mm		■										■
	< 8.0 mm			■		■							■
	> 8.0 mm				■								
Pipes/profiles	< 100 mm		■										■
	< 175 mm			■		■							■
	< 250 mm				■								
Plastics/window frames	< 100 mm		■				■	■			■		■
	< 175 mm			■		■			■			■	■
	< 250 mm	□			■					■			
Pallet repairs	–					■							■
Demolition and reconstruction work	–										■	■	□

Wood

Order no. (corresponds to Bosch type)		628241000 (S 617 K)	628242000 (S 1617 K)	628244000 (S 1111 K)	631470000 (S 644 D)	631472000 (S 1344 D)	631488000 (S 1531 L)	631913000 (S 2345 X)
		For curved cuts, fast, coarse	Extra long, fast, coarse	Fast, coarse	For plunge cuts	Extra long		Universally progressively toothed
Wood (dry), chipboard, plywood	< 100 mm				■			
	< 190 mm						■	■
	< 250 mm					■		
Wood (damp), firewood, removal of branches	< 100 mm	■						
	< 190 mm			■			■	
	< 250 mm		■					
Plastics	< 100 mm				■			
	< 190 mm							■
	< 250 mm					■		

Special Applications

Order no. (corresponds to Bosch type)		631817000 (S 518 EHM)	631818000 (S 1130 Riff)	631137000 (S 641 HM)	631146000 (S 1241 HM)	631819000 (S 2041 HM)	631144000 (S 713 AW)	631907000 (S 628 DF)	631916000 (S 1543 HM)	631917000 (S 1234 HM)	631918000 (S 2243 HM)
				Short	Long	Extra long		Clean cuts			
Stainless steel sheet (Inox)	2–4 mm	■									
Plastics, glass-fibre reinforced plastics	–	■	■	■	■	■					
Cardboard, polystyrene, insulation materials	–						■				
Gypsum Plaster	–							■			
Cast-iron pipes	< Ø 6“		■								
Brickwork	< 100 mm		■	■					■		
	< 250 mm				■					■	
	< 350 mm					■					■
Aerated concrete blocks, fibre-reinforced cement	< 100 mm			■					■		
	< 250 mm				■					■	
	< 350 mm					■					■
Masonry, brickwork, porous concrete, sand-lime brick, cement board	< 150 mm								■		
	< 215 mm									■	
	< 365 mm										■

Legend

Progressively toothed = Tooth pitch ascending suitable for both thin and thick materials

■ highly suitable
□ Only suitable under certain circumstances

Sabre Saw Blades



Features of the Metabo sabre saw blades

Colour

The colour indicates for which material the saw blade is best suited.

Yellow	for wood
Yellow with blue lettering	For wood/metal
Blue	For metal
Blue with red	For metal
Black	For special applications

Basic blade material

HCS	Carbon steel, for cutting soft wood, hardboards, plastics
HSS	High yielding high-speed steel, suitable for metal, aluminium work
BiM	Bi-metal: particularly flexible mix of HCS and HSS. The saw blades have a much higher life expectancy than HCS and HSS and have proven their worth when there is risk of the shaft breaking
HM	Carbide: these particularly high performing saw blades are suitable for stainless steels, fibreglass reinforced plastic, gypsum plaster or cement fibre boards. Saw blades with a carbide coating are suitable to cut ceramic tiles

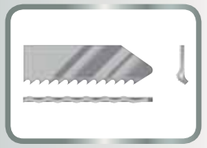
Quality classes

»classic« series	Good work results with very good tool life
»flexible« series	Unbreakable, flexible
»professional« series	Stable, precise working, for tough applications
»professional premium« series	Extremely long service life
»pionier« series	Fast through all materials
»expert« series	For special applications

Version



Teeth milled, offset for clearance gap
A relatively rough cut, fast progress in cutting on hard and soft wood, aluminium, non-ferrous metals and plastics



Teeth milled, waved for clearance gap
A fine cut with straight tool guidance in hard and soft wood, aluminium, non-ferrous metals and plastics



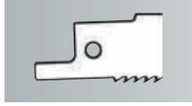
Teeth ground, offset for clearance gap
Fast cutting in hard and soft woods



Teeth ground, offset for clearance angle and clearance gap
Fine and clean cut in wood and plastics

Shaft form

The sabre saw blades from Metabo are produced with a universal shank shape matching the sabre saws of standard brand names.



Sabre Saw Blades with 1/2" Universal Shank

- Suitable for Metabo, AEG, Black & Decker, Bosch, DeWalt, Flex, Hitachi, Milwaukee, Porter Cable, Skil ...

for metal, »flexible« series

Break-proof, flexible, sabre saw blades < 1.0 mm thick

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Sheets 1-3 mm, profiles 5-100 mm							
Wavy, milled	BiM	150	0.9	1 mm/ 24 TPI	S 918 AF	2	631129000*
Sheets 2-8 mm, profiles 10-100 mm							
Wavy, milled	BiM	150	0.9	1.8 mm/ 14 TPI	S 918 BF	2	631130000*
Sheets 0.7-3 mm, profiles Ø 0.5-100 mm, profiles 0.5-100 mm							
Offset, milled	BiM	150	0.9	1.4 mm/ 18 TPI	S 922 EF	2	631080000*
						5	631454000*
						25	628251000*
Sheets 1.5-4 mm, profiles Ø 5-175 mm, profiles 5-175 mm for flush cuts							
Offset, milled	BiM	225	0.9	1.4 mm/ 18 TPI	S 1122 EF	2	631095000*
						5	631493000*
						25	628252000*
Sheets 1.5-6 mm, especially for curved cuts							
Offset, milled	BiM	100	0.9	1.8 mm/ 14 TPI	S 422 BF	5	631990000*
Sheets 3-8 mm, pipes, profiles Ø 10-100 mm							
Offset, milled	BiM	150	0.9	1.8 mm/ 14 TPI	S 922 BF	2	631093000*
						5	631491000*
						25	628253000*
						100	625491000
Sheets 3-8 mm, pipes, profiles Ø 10-175 mm, flush cuts							
Offset, milled	BiM	225	0.9	1.8 mm/ 14 TPI	S 1122 BF	2	631096000*
						5	631494000*
						25	628254000*
						100	625492000
Sheets 3-8 mm, profiles							
Offset, milled	BiM	100	0.9	2 mm/ 14 TPI	S 522 BF	5	628267000*
Sheets 0.7-3 mm, profiles							
Offset, milled	BiM	100	0.9	1.41 mm/ 18 TPI	S 522 EF	5	628268000*

for metal, »professional« series

Stable, precise, for tough applications, sabre saw blades >1.0 mm thick

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Sheets 2-12 mm, pipes, profiles Ø 10-100 mm							
Offset, milled	BiM	150	1.25	1.8-2.6 mm/ 10-14 TPI	S 925 VF	5	628260000*

*Self-service packaging

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Sheets 2-12 mm, pipes, profiles Ø 10-150 mm							
Offset, milled	BiM	200	1.25	1.8-2.6 mm/ 10-14 TPI	S 1025 VF	5	631991000*
Sheets 2-12 mm, pipes, profiles Ø 10-175 mm							
Offset, milled	BiM	225	1.25	1.8-2.6 mm/ 10-14 TPI	S 1125 VF	5	628261000*
						25	628262000*
Sheets 2-12 mm, pipes, profiles Ø 10-250 mm							
Offset, milled	BiM	300	1.25	1.8-2.6 mm/ 10-14 TPI	S 1225 VF	5	628263000*
Sheets 2-8 mm, pipes, profiles Ø 10-150 mm							
Offset, milled	BiM	200	1.25	1.8 mm/ 14 TPI	S 1025 BF	5	631909000*
Sheets 4-10 mm, pipes, profiles Ø 20-100 mm, for pipe cutting equipment, for breaking and renovation work, glass							
Offset, milled	BiM	150	1.6	2.5+ 3.2 mm/ 8+10 TPI	S 920 CF	5	631992000*
Sheets 4-10 mm, pipes, profiles Ø 20-175 mm, for pipe cutting equipment, for breaking and renovation work, glass							
Offset, milled	BiM	225	1.6	2.5+ 3.2 mm/ 8+10 TPI	S 1120 CF	5	631993000*
Sheets 3-8 mm, pipes, profiles Ø 20-100 mm, for pipe cutting equipment, for breaking and renovation work for straight, precise and particularly clean cuts							
Offset, milled	BiM	150	1.1	1.4+ 1.8 mm/ 14+18 TPI	S 926 BEF	5	628255000*
Sheets 3-8 mm, pipes, profiles Ø 20-175 mm, for pipe cutting equipment, for breaking and renovation work for straight, precise and particularly clean cuts							
Offset, milled	BiM	225	1.1	1.4+ 1.8 mm/ 14+18 TPI	S 1126 BEF	5	628256000*
Sheets 4-10 mm, pipes, profiles Ø 20-100 mm, for pipe cutting equipment, for breaking and renovation work for straight, precise and quick cuts							
Offset, milled	BiM	150	1.1	2.5+ 3.2 mm/ 8+10 TPI	S 926 CHF	5	628257000*
Sheets 4-10 mm, pipes, profiles Ø 20-175 mm, for pipe cutting equipment, for breaking and renovation work for straight, precise and quick cuts							
Offset, milled	BiM	225	1.1	2.5+ 3.2 mm/ 8+10 TPI	S 1126 CHF	5	631989000*

for metal, »professional premium« series

Unique, very aggressive and robust gearing, high cutting speeds and highest durability

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Sheets 3-8 mm, pipes, profiles Ø 20-175 mm, for pipe cutting equipment, for straight, precise and particularly clean cuts with an extremely long service life							
Offset, milled	BiM	225	0.9	1.4+1.8 mm/ 14+18 TPI	S 1136 BEF	2	628258000*

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Sheets 4-10 mm, pipes, profiles Ø 20-175 mm, for pipe cutting equipment, for straight, precise and quick cuts with an extremely long service life							
Offset, milled	BiM	225	1.1	2.5+3.2 mm / 8+10 TPI	S 1136 CHF	2	628269000*

for metal, »pionier« series

Universal and quick in both thick and thin material

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Sheets 1-8 mm, profiles Ø 5-100 mm							
Offset, milled	BiM	150	0.9	Progressive	S 123 XF	2	631911000*
Sheets 1-8 mm, profiles Ø 5-100 mm							
Ground, milled	BiM	150	0.9	Progressive	S 123 XF	5	631914000*

for wood and metal, »flexible« series

Unbreakable, flexible, sabre saw blades < 1.0 mm thick

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Wood, wood with nails, non-ferrous metals, plastics							
Offset, milled	HCS	300	0.9	2.5 mm/ 10 TPI	S 1211 H	2	631125000*
Wood, wood with nails, metal inserts Ø 5-100 mm, sheets, pipes, profiles 3-10 mm, plastics 3-100 mm							
Offset, milled	BiM	150	0.9	1.8-2.6 mm/ 10-14 TPI	S 922 VF	2	631094000*
						5	631492000*
						25	628246000*
Wood, wood with nails, metal inserts Ø 5-175 mm, sheets, pipes, profiles 3-10 mm, plastics 3-175 mm							
Offset, milled	BiM	225	0.9	1.8-2.6 mm/ 10-14 TPI	S 1122 VF	2	631097000*
						5	631495000*
						25	628247000*
						100	625494000
Wood, wood with nails, metal inserts Ø 5-250 mm, sheets, pipes, profiles 3-10 mm, plastics 3-250 mm							
Offset, milled	BiM	300	0.9	1.8-2.6 mm/ 10-14 TPI	S 1222 VF	2	631098000*
						5	631407000*
						25	628248000*
Wood, wood with nails, metal inserts Ø 5-150 mm, pallets, sheets, pipes, profiles 3-12 mm, plastics 3-150 mm							
Offset, milled	BiM	200	0.9	2.5 mm/ 10 TPI	S 1022 HF	5	631932000*
						25	628249000*
						200	625497000

*Self-service packaging

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
 Wood, wood with nails, wood, plastics, plywood							
Offset, milled	BiM	100	0.9	4 mm/6 TPI	S 511 DF	5	628265000*
 wood, metal, plastics							
Offset, milled	BiM	100	0.9	1,41-1.81 mm/ 14-18 TPI	S 522BEF	5	628266000*

for wood and metal, »professional« series

Fast, stable, for tough applications, sabre saw blades >1.0 mm thick

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
 Wood 10-100 mm, wood with nails, plastics, window frames, specially designed for plunge cuts							
Offset, milled	BiM	150	1.25	3.2-5.1 mm/ 5-8 TPI	S 611VF	5	631984000*
						25	628250000*
 Wood, wood with nails, plastics, plywood 10-100 mm, specially designed for curved cuts							
Offset, milled	BiM	150	1.25	3.2-5.1 mm/ 5-8 TPI	S 711 VF	5	631985000*
 Wood, wood with nails, plastics, plywood 10-175 mm							
Offset, milled	BiM	225	1.25	3.2-5.1 mm/ 5- 8 TPI	S 1111 VF	5	631986000*
 Wood, wood with nails, plastics, plywood 10-250 mm							
Offset, milled	BiM	300	1.25	3.2-5.1 mm/ 5-8 TPI	S 1411 VF	5	631987000*
 Wood, wood with nails, metal inserts Ø 10-100 mm, plastics, for breaking and renovation work							
Offset, milled	BiM	150	1.6	4.3 mm/ 6 TPI	S 610 DF	5	631925000*
 Wood, wood with nails, metal inserts Ø 10-175 mm, plastics, for breaking and renovation work							
Offset, milled	BiM	225	1.6	4.3 mm/ 6 TPI	S 1110 DF	5	631926000*

for wood and metal, »pionier« series

Universal and quick in all materials

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
 Wood, wood with nails, metal inserts Ø 5-150 mm, sheets, pipes, profiles 3-18 mm, plastics 5-150 mm							
Offset, milled	BiM	200	1.25	Progressive	S 3456 XF	2	631912000*
						5	631915000*

for wood, »classic« series

For tough applications on the construction site and in the garden

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
 Wood (also when damp) 6-100 mm, removal of branches, for fast, rough cuts, specially designed for curved cuts							
Offset, milled	HCS	150	1.25	8.5 mm/ 3 TPI	S 617 K	2	628240000*
						5	628241000*
 Wood (also when damp) 10-250 mm, removal of branches, for fast, rough cuts							
Offset, milled	HCS	300	1.25	8.5 mm/ 3 TPI	S 1617 K	5	628242000*
 Wood (also when damp) 15-190 mm, firewood, for fast, rough cuts							
Offset, milled	HCS	225	1.25	8.5 mm/ 3 TPI	S 1111 K	2	628243000*
						5	628244000*

for wood, »professional« series

For professional applications on the construction site and in the garden

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
 Wood 6-100 mm, chipboard 6-60 mm, plywood, plastics, specially designed for plunge cuts							
Side set, ground	HCS	150	1.25	4.0 mm/ 6 TPI	S 644 D	2	631120000*
						5	631470000*
 Wood 10-250 mm, chipboard 10-100 mm, plywood, plastics							
Side set, ground	HCS	300	1.25	4.0 mm/ 6 TPI	S 1344 D	2	631122000*
						5	631472000*
 Wood (also damp) 15-190 mm, firewood, removal of branches							
side set, ground, carbide-coated	HCS	240	1.5	5.0 mm/ 5 TPI	S 1531 L	2	631139000*
						5	631488000*
						25	628245000*
 Wood (also moist) 15-100 mm, firewood 15-90 mm							
side set, ground, carbide-coated	HCS	240	1.5	8.5 mm/ 3 TPI	S 1542 K	5	631490000*

for wood »pionier« series

Universal and quick in both thick and thin material

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
 Wood (also damp) 6-100 mm, chipboard 6-60 mm, plywood, plastics, specially designed for plunge cuts							
Side set, ground	HCS	200	1.25	Progressive	S 2345 X	2	631910000*
						5	631913000*

*Self-service packaging

for special applications, »expert« series

The optimum sabre saw blade for all special applications

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
 Stainless steel sheets (Inox) 2-4 mm, stainless steel profiles 2-50 mm, plastic (glass fibre reinforced plastic)							
HM strip, ground	HM	115	1.25	1.4 mm/ 18 TPI	S 522 EHM	2	631817000*
 Cast steel pipe Ø max. 6", stone, plastic (glass fibre reinforced plastic)							
Carbide coated, grit 30	HM	225	1.25		S 1130 Riff	2	631818000*
 Cardboard, polystyrene, insulation materials							
Knife-blade ground	HCS	150	1		S 713 AW	2	631144000*
 Aerated concrete 6-100 mm, stone 6-100 mm, fibre cement, glass fibre reinforced plastic							
HM-tipped, side-set	HM	150	1.25	4.3 mm/ 6 TPI	S 641 HM	1	631137000*
 Porous concrete, brickwork 10-250 mm, fibre cement, glass fibre reinforced plastic							
HM-tipped, side-set	HM	300	1.5	8.5 mm/ 3 TPI	S 1241 HM	1	631146000*
 Porous concrete, brickwork 20-350 mm, fibre cement, glass fibre reinforced plastic							
HM-tipped, side-set	HM	400	1.5	12.7 mm/ 2 TPI	S 2041 HM	1	631819000*
 Gypsum plaster, for clean cuts							
Offset, milled	BiM	100	0.9	4.2 mm/ 6 TPI	S 528 DF	5	628264000*
 Gypsum plaster 8-100 mm, for clean cuts							
Offset, milled	BiM	150	1.25	4.3 mm/ 6 TPI	S 628 DF	5	631907000*
	HM	240	1.5	12.7 mm/ 2 TPI	S 1543 HM	1	631916000*
	HM	305	1.5	12.7 mm/ 2 TPI	S 1243 HM	1	631917000*
	HM	455	1.5	12.7 mm/ 2 TPI	S 2243 HM	1	631918000*

*Self-service packaging

18 V





Technical data	Cordless Multi-Tool MT 18 LTX
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Orbital frequency with no load	7,000 - 18,000 /min
Bit retainer	Compatible with OIS and Starlock
Oscillation angle left/right	1.6 °
Base plate, measurement from corner to corner	93 mm
Weight (including battery pack)	1.9 kg

Scope of delivery

Order no.	613021
Plunge saw blade 32 mm HCS (wood)	■
Segment saw blade 85 mm BiM (wood + metal)	■
Scraping knife, rigid 52 mm HCS	■
Triangular hook and loop sanding plate 93 mm	■
5 Hook and loop sanding sheets 93 mm P 80	■
5 Hook and loop sanding sheets 93 mm P 120	■
Suction adapter	■
Multi-adapter	■
2 LiHD battery packs (18 V/4.0 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■
Plastic carry case	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Oscillating cordless multi-tool with high performance comparable to that of a mains powered version
- Indispensable for interior development such as cutting, sanding, scraping and grating of different materials
- Tool holder for maximum compatibility to OIS, Starlock and other accessories
- Metabo Quick tool change system for time-saving, convenient change of accessories
- Fast and powerful thanks to the combination of a large oscillation angle of 3.2° and VTC-Electronics to maintain constant speed even under load
- Extra bright double LED lights for good visibility of the working area
- Slim design and non-slip soft-grip surface for optimised handling
- Extraction possibility by means of connecting an all-purpose vacuum cleaner
- Battery packs with capacity display for checking the charge status

Technical data	Multi-Tool MT 400 Quick
Orbital frequency with no load	11,000 - 18,500 /min
Rated input power	400 W
Bit retainer	Compatible with OIS and Starlock
Oscillation angle left/right	1.6 °
Base plate, measurement from corner to corner	93 mm
Weight (without mains cable)	1.4 kg

Scope of delivery

Order no.	601406
Plunge saw blade 32 mm HCS (wood)	■
Segment saw blade 85 mm BiM (wood + metal)	■
Scraping knife, rigid 52 mm HCS	■
Plunge saw blade 32 mm BiM (metal)	■
Segment saw blade 85 mm carbide (tiles)	■
Triangular sanding plate 78 mm carbide (tiles)	■
Triangular hook and loop sanding plate 93 mm	■
5 Hook and loop sanding sheets 93 mm P 80	■
5 Hook and loop sanding sheets 93 mm P 120	■
Suction adapter	■
Multi-adapter	■
Tool box	■
MetaLoc case	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Indispensable for interior development such as cutting, sanding, scraping and grating of different materials
- Tool holder for maximum compatibility to OIS, Starlock and other accessories
- Metabo Quick tool change system for time-saving, convenient change of accessories
- Fast and powerful thanks to the combination of a large oscillation angle of 3.2° and VTC-Electronics to maintain constant speed even under load
- Extra bright double LED lights for good visibility of the working area
- Slim design and non-slip soft-grip surface for optimised handling
- Extraction possibility by means of connecting an all-purpose vacuum cleaner

System components

Accessories → 416 | Battery packs → 72 | Extraction systems → 453

Saw blades for wood

- Clean plunge cuts in wood
- Convex row of teeth for easy starting and clean cutting results
- Plunge saw blade with lasered depth scale for precise immersion depths

STARLOCK

	Holder	Material	Length mm	Width mm	Tooth pitch	Sales unit	Order no.
Soft wood							
	Starlock	HCS	45	32	1.3 mm/20 TPI	1	626950000*
						5	626951000*
Coated boards, laminated flooring, for clean cuts							
	Starlock	HCS	45	32	1.8 mm/14 TPI	1	626956000*

Saw blades for wood and metal

- High-quality Bi-metal gearing for long service life and high cutting quality
- Plunge saw blade with lasered depth scale for precise immersion depths

STARLOCK

	Holder	Material	Length mm	Width mm	Diameter	Tooth pitch	Sales unit	Order no.
Soft wood, hard wood, wood with nails, coated boards, plastic								
	Starlock	BiM	30	20	–	1.3 mm/20 TPI	1	626952000*
Soft wood, hard wood, wood with nails, coated boards, plastic								
	Starlock	BiM	45	32	–	1.3 mm/20 TPI	1	626953000*
					–		5	626954000*
Soft wood, hard wood, wood with nails, coated boards, plastic								
	Starlock	BiM	35	65	–	1.3 mm/20 TPI	1	626955000*
Soft wood, hard wood, wood with nails, coated boards, plastic, profiles								
	Starlock	BiM	–	–	85	1.3 mm/20 TPI	1	626960000*

Saw blades for metal

- High-quality gearing for long service life and high cutting quality
- Plunge saw blade with lasered depth scale for precise immersion depths

STARLOCK

	Holder	Material	Length mm	Width mm	Tooth pitch	Sales unit	Order no.
Copper profiles, aluminium profiles, NF metals coated materials, nails							
	Starlock	BiM	45	32	1.3 mm/20 TPI	1	626957000*
						5	626958000*

	Holder	Material	Length mm	Width mm	Tooth pitch	Sales unit	Order no.
Metal, stainless steel, hardened screws and nails							
	Starlock	HM	35	32	1.3 mm/20 TPI	1	626959000*

Scraper

- Durable HCS blade for universal use

STARLOCK

	Holder	Material	Length mm	Width mm	Sales unit	Order no.
Tile adhesive, carpets, carpet adhesive						
	Starlock		25	52	1	626961000*

Base plates

- High-quality carbide coating for high material removal and long service life

STARLOCK

	Holder	Material	Diameter mm	Tooth pitch	Sales unit	Order no.
Remove tile grooves, putty, tile adhesive, carpet adhesive						
	Starlock	Carbide, coated	85	Riff 30	1	626962000*
Putty, tile adhesive, carpet adhesive, mortar, rough wood removal						
	Starlock	Carbide, coated	78	Riff 30	1	626963000*

Assortments for multi-tools

		Order no.
	**Tiler's set** ■ Tiler's set for varied renovation and conversion applications, such as removal of mortar or tile adhesive, removal of grout in wall and floor tiles, cutting of smaller cut-outs in soft wall tiles ■ Set comprising: 1 x carbide segment saw blade 85 mm (tiles), 1 x carbide triangular sanding pad 78 mm (tiles), 1 x scraper rigid 52 mm HCS, 1 x plunge saw blade 32 mm BiM (metal) ■ OIS holder	626419000*
	**Interior finishing set** ■ Interior finishing set for varied floor and installation applications, such as cutting of laminate/parquet, shortening door frames at floor level, plunge cuts in coated boards, wood, cutting of apertures in furniture elements ■ Set comprising: 1 x plunge saw blade 32 mm HCS (wood), 1 x segment saw blade 85 mm BiM (wood + metal), 1 x scraper rigid 52 mm HCS, 1 x plunge saw blade 32 mm BiM (metal) ■ OIS holder	626420000*

*Self-service packaging

Hook and loop sanding sheets for wood and metal, »professional« series



- High-quality sanding paper with semi-open coarseness and high removal of material for a homogenous finish
- For veneers, solid wood, polyester, steel and stainless steel sheets, non-ferrous metals, light alloys
- For sanding veneered cabinet fronts and sides, sanding furniture covered with veneers with hot-melt type adhesive edges, decorative sanding of stainless steel sheets, sanding-based repair work, and deburring cut sheet metal

Dimensions mm	Grit	Sales unit	Order no.
93 x 93	P 40	5	624940000*
93 x 93	P 60	5	624941000*
93 x 93	P 80	5	624942000*
93 x 93	P 100	5	624943000*
93 x 93	P 120	5	624944000*
93 x 93	P 180	5	624945000*
93 x 93	P 240	5	624946000*
93 x 93	P 320	5	624947000*
93 x 93	P 40	25	624980000
93 x 93	P 60	25	624981000
93 x 93	P 80	25	624982000
93 x 93	P 100	25	624983000
93 x 93	P 120	25	624984000
93 x 93	P 180	25	624985000
93 x 93	P 240	25	624986000
93 x 93	P 320	25	624987000
Assortment (10 x P 60, 10 x P 80, 5 x P 120)		25	624988000

Hook and loop sanding sheets for paints and lacquers, »professional« series



- High-quality sanding paper with semi-open coarseness and high removal of material
- Suitable for working with paints and lacquers of all types and filler compounds
- For deburring, cleaning veneers, solid woods, plywood, and lacquers, deburring furniture veneer

Dimensions mm	Grit	Sales unit	Order no.
93 x 93	P 40	25	625681000
93 x 93	P 60	25	625682000
93 x 93	P 80	25	625683000
93 x 93	P 100	25	625684000
93 x 93	P 120	25	625685000
93 x 93	P 180	25	625686000
93 x 93	P 240	25	625687000
93 x 93	P 320	25	625688000

Hook and loop abrasive nylon web, corundum abrasive



- Used for structuring wood (applying a rustic appearance), for removing rust from metal and for sanding paints (tarnishing)

Grit	Order no.
P 100	624958000*
P 280	624959000*

Additional accessories for multi-tools

	Order no.
Triangular sanding plate ■ Perforated hook and loop sanding pad ■ Quick, easy change of the sanding sheets ■ For multi-tool .Dimension from corner to corner: 93 mm ■ OIS compatible	626421000*

*Self-service packaging





09







Semi-stationary Woodworking

Which mitre saw for which application?

Comparative technical values	 KS 216 M Lasercut / KS 18 LTX 216	 KGS 216 M / KGS 18 LTX 216	KGSV 216 M	 KGS 254 M	KGS 305 M	 KS 305 M	 KGSV 72 Xact	KGSV 72 Xact SYM	 KGS 254 Plus	KGS 315 Plus	 KGS 254 I Plus
Maximum cross section of the workpieces at 90°/90°	60 mm 120 mm	65 mm 305 mm	65 mm 305 mm	92 mm 305 mm	105 mm 305 mm	80/102 mm[1] 200/150 mm[1]	72 mm 305 mm	72 mm 305 mm	90 mm 305 mm	120 mm 320 mm	90 mm 305 mm
Maximum cross section of the workpieces at 45°/45°	45 mm 80 mm	36 mm 205 mm	36 mm 205 mm	47 mm 205 mm	67 mm 205 mm	45 mm 130 mm	42 mm 215 mm	42 mm 215 mm	54 mm 214 mm	76 mm 223 mm	54 mm 214 mm
Support surface L x W	725 x 155 mm	730 x 345 mm	730 x 345 mm	775 x 340 mm	775 x 340 mm	775 x 340 mm	830 x 365 mm	830 x 365 mm	1,000 x 365 mm	1,070 x 365 mm	1,000 x 365 mm
Saw blade/number of teeth*	Ø 216 mm/40	Ø 216 mm/40	Ø 216 mm/60	Ø 254 mm/48	Ø 305 mm/56	Ø 305 mm/56	Ø 216 mm/48	Ø 216 mm/60	Ø 254 mm/60	Ø 315 mm/84	Ø 254 mm/60
Adjustment parameters: ■ Turntable left/right (maximum) ■ Bevel left/right (maximum)	47°/47° 47°/0°	47°/47° 47°/0°	47°/47° 47°/0°	47°/47° 47°/0°	47°/47° 47°/0°	52°/52° 47°/2°	50°/50° 47°/47°	50°/50° 47°/47°	47°/60° 46°/46°	47°/60° 46°/46°	47°/60° 46°/22,5°
Rated input power (S6 20%)	1,350 W / 18 V	1,500 W / 18 V	1,700 W	1,800 W	2,000 W	2,000 W	1,800 W	1,800 W	2,000 W	2,200 W	1,800 W
Weight	9.4 kg / 9.6 kg	13.5 kg / 13.8 kg	13.5 kg	16.3 kg	19.6 kg	17 kg	16.1 kg	18.3 kg	24 kg	26 kg	32.5 kg

* Number of teeth of the standard saw blade

[1] with additional stop (d x w) 100 x 150 mm

Application											
Cutting work onsite	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■	■■	■
Preparation work in the workshop	■	■■	■■	■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■
Clean sawing in enclosed areas	■■	■■	■■	■■	■■	■■	■■■	■■■	■■■	■■■	■■■
Cutting of aluminium profiles			■■				■■**	■■	■■**	■■**	
Quiet sawing											■■■
Trench cuts		■■■	■■■	■■■	■■■		■■■	■■■	■■■	■■■	■■■
Sawing skirtings	■■					■		■■■			

** with saw blade »multi cut« (accessory)

Equipment											
Saw blade inclination	left	left	left	left	left	left	left/right	left/right	left/right	left/right	left/right
Dust extraction properties	standard	Effective	Effective	Effective	Effective	Effective	Effective	Effective	Optimum (2 point)	Optimum (2 point)	Optimum (2 point)
Sliding function and cutting depth limiter (e.g. for rebating)		●	●	●	●		●	●	●	●	●
Laser - mains powered	LASER 2	LASER 2	LASER 2	LASER 2	LASER 2	LASER 2	LASER 2	LASER 2	LASER 2	LASER 2	LASER 2
Work light – mains powered	●	●	●	●	●	●	●	●			
»Quick« saw blade change - no tools required									●	●	●
Soft start			●		●	●	●	●	●	●	●
Variable speed			●				●	●	●	●	
Induction motor											●

Application: ■ suitable ■■ very suitable ■■■ optimum **Equipment:** ● present

18 V











Technical data	Cordless Mitre Saw KS 18 LTX 216	Cordless Mitre Saw KGS 18 LTX 216 with sliding function
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Cutting capacity 90°/90°	120 x 60 mm	305 x 65 mm
Cutting capacity 45°/45°	80 x 45 mm	205 x 36 mm
Turntable setting left/right	47 °/47 °	47 °/47 °
Saw blade inclination left/right	47 °/2 °	47 °/2 °
Saw blade	Ø 216 x 30 mm	Ø 216 x 30 mm
No-load speed	4,200 /min	4,200 /min
Max. cutting speed	48 m/s	48 m/s
Weight (including battery pack)	9.9 kg	13.9 kg

Scope of delivery

Order no.	619000	619001
Carbide saw blade (40 teeth)	■	■
2 Table width extensions	■	■
Length guide	■	■
Material clamp	■	■
Tool for saw blade change	■	■
Chip collection bag	■	■
2 LiHD battery packs (18 V/5.5 Ah)	■	
2 LiHD battery packs (18V/8.0 Ah)		■
Charger ASC 30-36 V »AIR COOLED«	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Up to 720 cuts in laminate 195 x 8 mm per battery pack charge (8.0 Ah)
- Sliding function for wide work pieces
- Depth guide for easy creation of grooves

- Powerful cordless mitre saw perfect for assembly jobs with high volume of cuts
- Up to 340 cuts in soft wood 60 x 60 mm per battery pack charge (8.0 Ah)
- Compact light weight, suitable also for one-handed transport
- Easy transport thanks to ergonomically-designed handles and locking saw head
- Motor brake for quick stop of the saw blade in 3 seconds
- Robust die-cast aluminium design for the highest demands
- Effective internal chip and dust extraction via dust scoop and chip collection bag
- Fast and precise setting of common angles using stop points
- Cutting line laser and LED work light with energy-saving automatic shutoff
- Adjustable and extendable table width extensions, removable to put long panels, slabs etc. underneath
- Sliding high rear fence profiles for safe sawing
- Material clamp for secure fixing of the work piece from the top or front

System components

Accessories → 378, 441 | Battery packs → 72 | Extraction systems → 453

Technical data	Mitre Saw KS 216 M Lasercut	Mitre Saw KGS 216 M with sliding function	Mitre Saw KGSV 216 M
Dimensions	475 x 465 x 285 mm	760 x 475 x 340 mm	760 x 475 x 340 mm
Cutting capacity 90°/90°	120 x 60 mm	305 x 65 mm	305 x 65 mm
Cutting capacity 45°/45°	80 x 45 mm	205 x 36 mm	205 x 36 mm
Turntable setting left/right	47 °/47 °	47 °/47 °	47 °/47 °
Saw blade inclination left/right	47 °/2 °	47 °/2 °	47 °/2 °
Saw blade	Ø 216 x 30 mm	Ø 216 x 30 mm	Ø 216 x 30 mm
Rated input power (S1 100% / S6 20%)	1,100 W / 1,350 W	1,200 W / 1,500 W	1,350 W / 1,700 W
No-load speed	5,000 /min	5,000 /min	2,500 - 5,500 /min
Cutting speed	57 m/s	57 m/s	28 - 62 m/s
Weight	9.4 kg	13.5 kg	13.5 kg
Cable length	2 m	2 m	2 m

Scope of delivery

Order no.	619216 [1]	619260 [2]	619261
Carbide saw blade (40 teeth)	■	■	
Carbide saw blade (60 teeth)			■
2 Table width extensions	■	■	■
Length guide	■	■	■
Material clamp	■	■	■
Tool for saw blade change	■	■	■
Chip collection bag	■	■	■
Cable winder		■	■

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- Sliding function for wide work pieces

- Speed control for extended range of application, e.g. for cutting of aluminium profiles and plastics
- With »multi cut« saw blade (flat/trapezoidal tooth) for high cutting quality and long service life e.g. in laminate and aluminium profiles
- Sliding function for wide work pieces.

- Compact light weight, suitable also for one-handed transport
- Robust die-cast aluminium design for the highest demands
- Easy transport thanks to ergonomically-designed handles and locking saw head
- Effective dust extraction via integrated dust scoop
- Fast and precise setting of common angles using stop points
- Laser for exact display of the cutting line (mains powered, no batteries required)
- Adjustable and extendable table width extensions, removable to put long panels, slabs etc. underneath
- Bright LED work light for illumination of the cutting line (mains powered, no batteries required)
- Sliding high rear fence profiles for safe sawing
- Material clamp for secure fixing of the work piece from the top or front

System components

Accessories → 378, 441 | Extraction systems → 453







Technical data	Mitre Saw KGS 254 M with sliding function	Mitre Saw KS 305 M	Mitre Saw KGS 305 M with sliding function
Dimensions	790 x 515 x 515 mm	600 x 600 x 600 mm	850 x 515 x 615 mm
Cutting capacity 90°/90°	305 x 92 mm	200 x 80 mm / 150 x 102 mm	305 x 105 mm
Cutting capacity 45°/45°	205 x 47 mm	130 x 45 mm	205 x 67 mm
Turntable setting left/right	47 °/47 °	52 °/52 °	47 °/47 °
Saw blade inclination left/right	47 °/2 °	47 °/2 °	47 °/2 °
Saw blade	Ø 254 x 30 mm	Ø 305 x 30 mm	Ø 305 x 30 mm
Rated input power (S1 100% / S6 20%)	1,450 W / 1,800 W	1,600 W / 2,000 W	1,600 W / 2,000 W
No-load speed	4,500 /min	3,700 /min	3,700 /min
Cutting speed	60 m/s	60 m/s	60 m/s
Weight	16.3 kg	17 kg	19.6 kg
Cable length	2 m	2 m	2 m

Scope of delivery

Order no.	602540	619003	619305 [2]
Carbide saw blade (48 teeth)	■		
Carbide saw blade (56 teeth)		■	■
2 Table width extensions	■	■	■
Length guide	■	■	■
Supplementary fence		■	
Material clamp	■	■	■
Tool for saw blade change	■	■	■
Cable winder	■	■	■
Chip collection bag	■	■	■

[2] also available in 110 V (UK)

Product advantages

- Sliding function for wide work pieces
- Highest precision from direct saw head mount
- Enormous cutting performance due to extremely powerful universal motor and large saw blade
- Sliding function for wide work pieces

- Compact light weight, suitable also for one-handed transport
- Robust die-cast aluminium design for the highest demands
- Easy transport thanks to ergonomically-designed handles and locking saw head
- Effective dust extraction via integrated dust scoop
- Fast and precise setting of common angles using stop points
- Laser for exact display of the cutting line (mains powered, no batteries required)
- Adjustable and extendable table width extensions, removable to put long panels, slabs etc. underneath
- Bright LED work light for illumination of the cutting line (mains powered, no batteries required)
- Sliding high rear fence profiles for safe sawing
- Material clamp for secure fixing of the work piece from the top or front

System components

Accessories → 378, 441

Extraction systems → 453

Unique combination of compact panel saw and precise skirting saw.

The new KGSV 72 Xact SYM mitre saw is a mobile all-rounder for floorers: It is the world's only saw to combine the classic functions of a mitre saw with a symmetrically adjustable stop system. Thanks to this patent-pending combination, users can accurately cut panels and also skirtings. The user can transfer angles directly from the bevel thanks to the symmetrically adjustable stop system, without any calculating and measuring, thus sawing mitres in a particularly accurate and time-saving manner. Constructed with integrated traction bars rather rear facing, the saw is also extremely compact and easy to transport. With its fine-toothed saw blade and sliding function with bearings on both sides, it delivers precise cutting results in floor panels up to 305 mm, skirtings and aluminium profiles.

Speed control
for extended range of application, e.g. for cutting of aluminium profiles and plastics

Superb dust collection
via integrated dust scoop



Extremely compact thanks to **integrated traction bars**

Time-saving and accurate sawing of mitres
without calculating and measuring thanks to simple angle transfers from bevel to stop system

KGSV 72 Xact SYM



Compact sliding function:
No space required behind the saw thanks to incorporated traction bars.



Simple transfer of angles:
Transfer corner angles with bevel



Symmetrical bevel system:
Transfer angle from bevel to stop system





Technical data	Mitre Saw KGSV 72 Xact with sliding function	Mitre Saw KGSV 72 Xact SYM with sliding function
Dimensions	660 x 540 x 415 mm	660 x 540 x 415 mm
Cutting capacity 90°/90°	305 x 72 mm	305 x 72 mm
Cutting capacity 45°/45°	215 x 42 mm	215 x 42 mm
Turntable setting left/right	50 °/50 °	50 °/50 °
Saw blade inclination left/right	47 °/47 °	47 °/47 °
Saw blade	216 mm	216 mm
Rated input power (S1 100% / S6 20%)	1,500 W / 1,800 W	1,500 W / 1,800 W
No-load speed	2,200 - 6,300 /min	2,200 - 6,300 /min
Cutting speed	25 - 70 m/s	25 - 70 m/s
Weight	16.1 kg	18.3 kg
Cable length	3 m	3 m

Scope of delivery

Order no.	611216	612216
Carbide saw blade (40 teeth)	■	
Carbide saw blade (60 teeth)		■
2 Table width extensions	■	■
Angle bevel		■
Material clamp	■	■
Tool for saw blade change	■	■
Cable winder	■	■

Product advantages

- Unique, patented combination of panel saw with sliding function and precise skirting saw with symmetrically adjustable stop system
- Time-saving and accurate sawing of mitres without calculating and measuring thanks to simple angle transfer from bevel to stop system
- With saw blade »multi cut« (flat/trapezoidal tooth) for high cutting quality and long service life e.g. in laminate and aluminium profiles

- Compact traction function for wide workpieces up to 305 mm: no space required behind the saw
- Maximum flexibility when sawing thanks to rotating table and inclinable saw head on both sides
- Double line laser for precise display of the cutting line left and right of the saw blade
- Speed control for extended range of application, e.g. for cutting of aluminium profiles and plastics
- Compact light-weight with ergonomically designed carry handles, ideal for mobile use
- Effective dust extraction via integrated dust scoop
- Fast and precise setting of common angles using stop points
- Bright LED work light for illumination of the cutting line (mains powered, no batteries required)
- Sliding high rear fence profiles for safe sawing
- Depth guide for easy creation of grooves

System components

Accessories → 378, 441

Extraction systems → 453







Technical data	Mitre Saw KGS 254 Plus	Mitre Saw KGS 254 I Plus	Mitre Saw KGS 315 Plus
Dimensions	930 x 690 x 590 mm	930 x 690 x 590 mm	950 x 765 x 660 mm
Cutting capacity 90°/90°	305 x 90 mm	305 x 90 mm	320 x 120 mm
Cutting capacity 45°/45°	214 x 54 mm	214 x 54 mm	223 x 76 mm
Turntable setting left/right	47 °/60 °	47 °/60 °	47 °/60 °
Saw blade inclination left/right	46 °/46 °	46 °/22.5 °	46 °/46 °
Saw blade	Ø 254 x 30 mm	Ø 254 x 30 mm	Ø 315 x 30 mm
Rated input power (S6 20%)	2,000 W	1,800 W	2,200 W
No-load speed	3,900 - 5,150 /min	4,650 /min	3,100 - 4,100 /min
Cutting speed	44 - 68 m/s	62 m/s	51 - 68 m/s
Weight	24 kg	32.5 kg	26 kg
Cable length	2 m	2.2 m	2.1 m

Scope of delivery

Order no.	0102540300 [2]	0102540200	0103150000 [2]
Carbide saw blade (60 teeth)	■	■	
Carbide saw blade (84 teeth)			■
2 Table width extensions	■	■	■
Material clamp	■	■	■
Adapter 35/58 mm	■	■	■

[2] also available in 110 V (UK)

Product advantages

- Speed control for extended range of application, e.g. for cutting of aluminium profiles and plastics

- Quiet induction motor with motor brake and overload protection - maintenance-free and robust

- Enormous cutting performance due to extremely powerful universal motor and large saw blade
- Speed control for extended range of application, e.g. for cutting of aluminium profiles and plastics

- Maximum flexibility when sawing thanks to rotating table and inclinable saw head on both sides
- Sliding function for wide work pieces.
- Easy transport thanks to ergonomically-designed handles and locking saw head
- Superb dust extraction capability thanks to a dual extraction port design aligned closely to the work piece.
- Metabo Quick for changing saw blades without tools
- Soft start for long service life of motor and drive
- Fast and precise setting of common angles using stop points
- Sliding high rear fence profiles for safe sawing
- Material clamp for secure fixing of the work piece from the top or front
- Integrated, pull-out table width extensions made from die-cast aluminium
- Depth guide for easy creation of grooves

System components

Accessories → 378, 441

Extraction systems → 453





Technical data	Crosscut and Table Saw KGT 305 M
Dimensions	658 x 600 x 460 mm
Table size	462 x 261 mm
Cutting height – table mode	0 - 50 mm
Cutting width - cross cutting mode 90/45°	150 mm/100 mm
Cutting depth - cross cutting mode 90/45°	102 mm/70 mm
Cutting capacity 90°/90°	150 x 102 mm
Cutting capacity 45°/45°	115 x 45 mm
Turntable setting left/right	52 °/52 °
Saw blade inclination left/right	47 °/2 °
Rated input power (S1/S6 20%)	1,600 W / 2,000 W
No-load speed	3,700 /min
Max. cutting speed	60 m/s
Saw blade	Ø 305 x 30 mm
Weight	22 kg
Cable length	2.8 m

Scope of delivery

Order no.	619004
Carbide saw blade (56 teeth)	■
2 Table width extensions	■
Parallel guide / Rip fence	■
Length guide	■
Material clamp	■
Chip collection bag	■
Tool for saw blade change	■
Push stick	■

Product advantages

- Cross-cut and mitre saw with additional table circular saw function for straight cuts
- Quick changeover from crosscut to table operation
- Compact light-weight saw, ideal for mobile use
- Easy transport by means of locking saw head
- Robust die-cast aluminium design for the highest demands
- Fast and precise setting of common angles using stop points
- Laser for exact display of the cutting line (mains powered, no batteries required)
- Adjustable and extendable table width extensions, removable to put long panels, slabs etc. underneath
- Bright LED work light for illumination of the cutting line (mains powered, no batteries required)
- Sliding high rear fence profiles for safe sawing
- Material clamp for secure fixing of the work piece from the top or front
- Restart protection: prevents unintentional start-up after power supply interruption
- Saw head can be inclined to the left, with additional angle range for undercuts
- Easy saw blade change by means of spindle lock: No dismantling of the pendulum guard required

System components

Accessories → 378, 441

Extraction systems → 453

Pull saws: pulling instead of pushing.

Anyone who has had to saw long, bulky or hardwood workpieces appreciates a pull saw. According to the principle "pulling instead of pushing", the saw accommodates your work and delivers particularly clean cuts. As in the pulling principle the saw blade moves along the precision guide to the workpiece fixed at the fence, the user has better control over the cut, thus resulting in less chipping. At the same time this procedure is gentle on the saw blades which significantly increases the lifetime of the same. Flush-mounted light running slides made of die cast aluminium with 8 ball bearings for clean and particularly precise cross cut and mitre cuts.

Precise workpiece support
Table top made from aluminium profiles

Absolutely flexible
Powerful universal motor and speed control with Metabo VC electronics

Sturdy and safe
Side parts made of solid sheet steel

Practical accessories
For example, table length extension or sliding table – easy to mount.



High-quality universal fence
for angle settings from –90° to +90°.

333 mm pulling length
All normal laminated floors and panels can be cut in two completely by up to 45°.

Always firm
Integrated, folding stand with level compensation for a firm base. The machine can also be operated when folded.

UK 333



Quick conversion
The UK 333 can be converted to a table saw. The universal fence becomes a parallel guide / rip fence for cutting long workpieces.



Always mobile
The stand can be easily folded in. The UK 333 is very light to transport and fits into any car.



Versatile cuts
The universal fence can be rotated by 180° for mitre and double-mitre cuts. The saw blade can be inclined from -1.5 to 46.5°; ideal for undercutting.





Technical data	Pull Saw UK 290	Pull Saw UK 290 Set
Dimensions	674 x 478 x 420 mm	1,600 x 1,180 x 420 mm
Working height	878 mm/420 mm	878 mm/420 mm
Table size	674 x 478 mm	674 x 478 mm
Cutting height	0 - 60 mm	0 - 60 mm
Maximum cutting height 90/45°	60 mm/42 mm	60 mm/42 mm
Maximum material width at mitre fence 90/45°	290 mm/202 mm	700 mm/750 mm
Maximum cutting width at parallel guide/rip fence	150 mm	615 mm
No-load speed	4,500 /min	4,500 /min
Saw blade	Ø 220 x 30 mm	Ø 220 x 30 mm
Inclination range	-1.5 - 46.5 °	-1.5 - 46.5 °
Cutting speed	52 m/s	52 m/s
Chain length	290 mm	290 mm
Rated input power	1,800 W	1,800 W
Weight (including stand)	25 kg	52 kg
Cable length	2.25 m	2.25 m

Scope of delivery

Order no.	0102900000	0192901000
Carbide saw blade (36 teeth)	■	■
Foldable stand	■	■
Universal guide	■	■
Fence profile 700 mm		■
Push stick	■	■
Chip and dust extraction unit UK / Flexo		■
Table width extension		■
Parallel guide / Rip fence		■
Table length extension		■
Sliding table		■

Product advantages

- Expandable for all common applications by virtue of system accessories
- Complete set with system accessories for all standard applications
- Sliding table, table width and length extension for precise sawing of large work pieces
- Mobile table saw with sliding function for precise cross-cuts and straight cuts
- Soft start for long service life of motor and drive
- Universal guide can be used on all sides of the table for cross-cuts and straight cuts
- Compact and easy transport by virtue of integrated, foldable stand
- Large selection of quickly mountable attachments available for an expanded range of use
- Electronic overload protection for long service life

System components

Accessories → 378, 439

Extraction systems → 453





Technical data	Pull Saw UK 333	Pull Saw UK 333 Set
Dimensions	760 x 585 x 420 mm	1,600 x 1,287 x 420 mm
Working height	900 mm/420 mm	900 mm/420 mm
Table size	750 x 585 mm	750 x 585 mm
Cutting height	0 - 70 mm	0 - 70 mm
Maximum cutting height 90/45°	70 mm/49 mm	70 mm/49 mm
Maximum material width at mitre fence 90/45°	330 mm/230 mm	700 mm/750 mm
Maximum cutting width at parallel guide/rip fence	210 mm	685 mm
No-load speed	1,800 - 4,500 /min	1,800 - 4,500 /min
Saw blade	Ø 220 x 30 mm	Ø 220 x 30 mm
Inclination range	-1.5 - 46.5 °	-1.5 - 46.5 °
Cutting speed	52 m/s	52 m/s
Chain length	333 mm	333 mm
Rated input power	2,200 W	2,200 W
Weight (including stand)	35.9 kg	63 kg
Cable length	2.25 m	2.25 m

Scope of delivery

Order no.	0103330000	0193330000
Carbide saw blade (36 teeth)	■	■
Foldable stand	■	■
Universal guide	■	■
Fence profile 700 mm		■
Push stick	■	■
Chip and dust extraction unit UK / Flexo		■
Table width extension		■
Parallel guide / Rip fence		■
Table length extension		■
Sliding table		■

Product advantages

- Expandable for all common applications by virtue of system accessories
- Complete set with system accessories for all standard applications
- Sliding table, table width and length extension for precise sawing of large work pieces
- Mobile table saw with sliding function for precise cross-cuts and straight cuts
- Vario-Constamatic (VC)-Full wave electronics for working at customised speeds to suit the application materials, and speeds that remain almost constant even under load
- Electronic overload protection for long service life
- Soft start for long service life of motor and drive
- Universal guide can be used on all sides of the table for cross-cuts and straight cuts
- Compact and easy transport by virtue of integrated, foldable stand
- Flush-mounted free running slides made of die cast aluminium and with 8 ball bearings for maximum precision

System components

Accessories → 378, 439

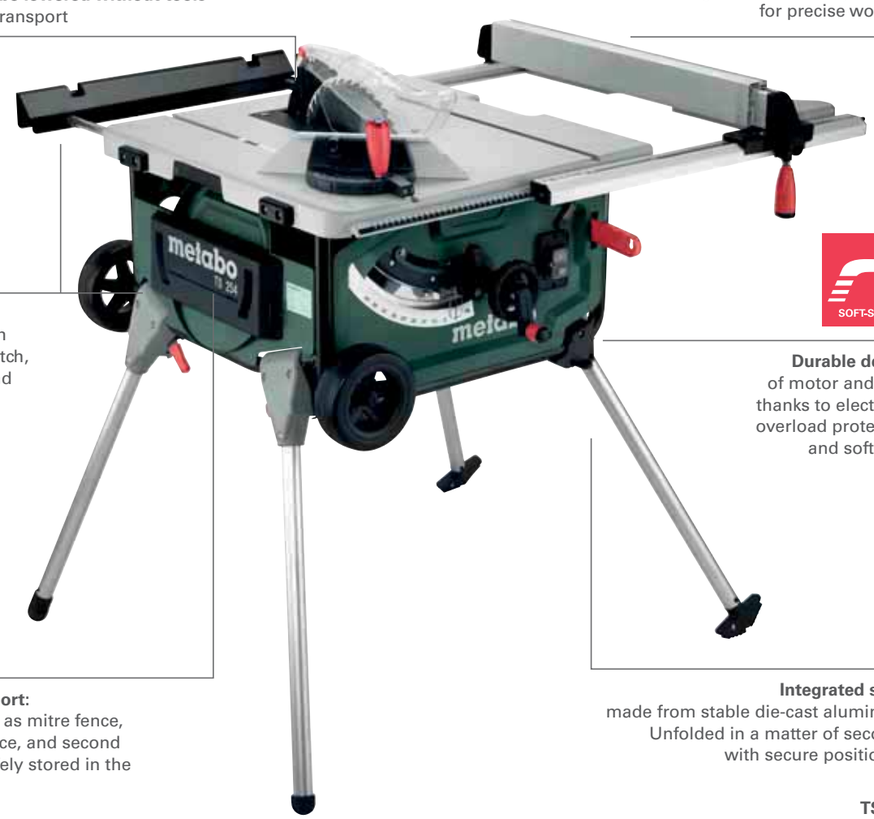
Extraction systems → 453

Light, compact table saws: The standard for mobility.

The table saws with integrated stand are extremely light and can be set up and dismantled in a matter of seconds. The heart of our patent-pending mobility concept is the integrated stand and wheel set which is housed within the frame. Thanks to this design, the TS models are very compact and can be stored easily occupying little space. With the robust hard rubber tyres you can comfortably pull the saw to the area of application. Whether in the workshop or on the construction site: The TS set a mobility standard for table saws. Now also as cordless version for 36 Volt or 2x 18 Volt.

Splitting wedge can be lowered without tools
for hidden cuts and transport

Table width extension/ parallel guide/rip fence
with double guide and fine adjustment for precise working



Operational safety
thanks to table length extension, safety switch, quick motor brake and restart protection

Durable design
of motor and gear thanks to electronic overload protection and soft start

Optimised for transport:
All attachments such as mitre fence, parallel guide/rip fence, and second saw blade can be safely stored in the housing.

Integrated stand
made from stable die-cast aluminium: Unfolded in a matter of seconds, with secure positioning

TS 254



Trolley function for increased mobility
and ready for use after transport in a matter of seconds



Large workpieces - no problem
Generous 87 mm cutting height and 630 mm cutting width at the parallel guide/rip fence (TS 36 LTX BL 254, TS 36-18 LTX BL 254 and TS 254).



Light and compact
The TS 216 can even be carried with one hand thanks to its light weight and compact design.

2x 18 V
36 V



NEW

BRUSHLESS MOTOR · RESTART PROTECTION · SOFT-START · DUST PROTECTION



NEW

BRUSHLESS MOTOR · RESTART PROTECTION · SOFT-START · DUST PROTECTION

Technical data	Cordless Table Saw TS 36-18 LTX BL 254	Cordless Table Saw TS 36 LTX BL 254
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	36 V
Max. support surface	970 x 995 mm	970 x 995 mm
Cutting height	0 - 87 mm	0 - 87 mm
Maximum cutting height 90/45°	87 mm/50 mm	87 mm/50 mm
Maximum cutting width at parallel guide/rip fence	630 mm	630 mm
Maximum material width at mitre fence	200 mm	200 mm
No-load speed	5,000 /min	5,000 /min
Max. cutting speed	66 m/s	66 m/s
Saw blade	Ø 254 x 30 mm	Ø 254 x 30 mm
Saw blade swivel range	-1.5 - 46.5 °	-1.5 - 46.5 °
Weight (including battery pack)	34.6 kg	34.5 kg
Scope of delivery		
Order no.	**613025**	**613024**
Carbide saw blade (40 teeth)	■	■
Stand	■	■
Rubber tyres	■	■
Parallel guide / Rip fence	■	■
Mitre fence	■	■
Table length extension	■	■
Table width extension	■	■
Dust cycles	■	■
Textile dust bag	■	■
2 LiHD battery packs (36 V/6.2 Ah)		■
4 LiHD battery packs (18 V/8.0 Ah)	■	
»AIR COOLED« quick charger ASC Ultra	2	1
Fixation strap for MetaLoc	■	■
MetaLoc case	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- 100% compatibility with the 18 Volt class: powerful 36 Volt operation with two 18 Volt battery packs from Metabo

- Extremely light cordless table saw with trolley function for maximum mobility
- Powerful Metabo brushless motor for powerful sawing like with a mains-powered tool
- Integrated extraction with dust cyclone for low-dust working without vacuum cleaner
- Quick change between sawing at ground-level or when standing up thanks to integrated, folding stand
- Precisely adjustable parallel guide / rip fence with double clamping and quick fastening
- Splitting wedge can be lowered without tools for hidden cuts and transport
- MetaLoc case and attachments can be fixed at the housing for compact transport and storage

System components

Accessories → 378 | Battery packs → 72 | Extraction systems → 453







Technical data	Table Saw TS 216 Floor	Table Saw TS 216	Table Saw TS 254
Dimensions	670 x 650 x 355 mm	670 x 730 x 355 mm	740 x 750 x 355 mm
Max. support surface	780 x 930 mm	780 x 930 mm	970 x 995 mm
Cutting height	0 - 63 mm	0 - 63 mm	0 - 87 mm
Maximum cutting height 90/45°	63 mm/43 mm	63 mm/43 mm	87 mm/50 mm
Maximum cutting width at parallel guide/rip fence	425 mm	425 mm	630 mm
Maximum material width at mitre fence	165 mm	165 mm	200 mm
No-load speed	5,000 /min	5,000 /min	4,200 /min
Cutting speed	57 m/s	57 m/s	56 m/s
Saw blade	Ø 216 x 30 mm	Ø 216 x 30 mm	Ø 254 x 30 mm
Saw blade swivel range	-1.5 - 46.5 °	-1.5 - 46.5 °	-1.5 - 46.5 °
Rated input power	1,500 W (S1)	1,500 W (S1)	1,700 W/2,000 W (S1/S6 20%)
Weight	23.2 kg	28.5 kg	33.4 kg
Cable length	3 m	3 m	3.1 m

Scope of delivery

Order no.	600676	600667	600668
Carbide saw blade (30 teeth)	■	■	
Carbide saw blade (40 teeth)			■
Stand		■	■
Hard rubber tyres		■	■
Parallel guide / Rip fence	■	■	■
Mitre fence	■	■	■
Table length extension	■	■	■
Table width extension (left)	■	■	
Table width extension (right)	■	■	■
Saw blade case			■
Chip and dust extraction unit	■	■	
Push stick	■	■	■

Product advantages

- Light table saw, also suitable for one-handed transport
- Light table saw with trolley function
- Integrated stand made from stable die-cast aluminium (patented): unfolded in a matter of seconds with secure stand
- Very compact with folded stand for comfortable transport and space-saving storage

- Anti-twist tubular frame construction for highest demands on the building site and during installations
- Cables and all attachments for transport can be stored on the casing
- Powerful motor with electronic overload protection
- Motor brake for quick stop of the saw blade in 3 seconds
- Precise parallel guide/rip fence with double clamping and quick fastening
- Precise saw blade inclination via gear guide
- Splitting wedge can be lowered without tools for hidden cuts and transport
- Precise, extendable table width extension for extra large support surface
- Effective chip extraction for low-dust working

System components

Accessories → 378

Extraction systems → 453

Table saws: Powerful and robust.

Universal table saws for powerful sawing of squared timber, boards, panels and wood-like materials in the workshop and at construction sites. With our circular saws we offer you stable and reliable machines. Every detail is carefully planned, starting with the infinitely adjustable height of the saw blade to the magnetic guide for precise cuts.

Professionally assembled
Always ready for use in cutting squared timber, boards and large panels.

INDUCTION

Powerful 2.0 kW-Motor
Reliable induction motor for universal application

Stable stand
Cross braces offer additional stability



Standard push stick
Always stored on the machine - for your safety.

Wheel set with handles
Easy moving of the machine by a single person.

Height adjustment up to max. 85 mm
The smooth crank handle enables the height adjustment of the saw blade of 0 – 85 mm

TKHS 315 C



Always mobile
Standard wheel set with two handles for mobile use.



High capacity
The well thought construction permits a max. cutting height of up to 85 mm and 60 mm at 45° angle of the saw blade.



Versatile sawing
The universal fence may be used as a parallel or mitre fence (from - 60° to +60°). Thanks to the magnetic guide precise cuts are possible.





Technical data	Table Saw TKHS 315 C – 2,0 WNB	Table Saw TKHS 315 C – 2,8 DNB	Table Saw TKHS 315 M - 3,1 WNB	Table Saw TKHS 315 M - 4,2 DNB
Dimensions	1,650 x 650 x 1,000 mm	1,650 x 650 x 1,000 mm	1,700 x 700 x 1,000 mm	1,700 x 700 x 1,000 mm
Max. support surface	800 x 550 mm	800 x 550 mm	800 x 600 mm	800 x 600 mm
Working height	850 mm	850 mm	850 mm	850 mm
Cutting height	0 - 85 mm	0 - 85 mm	0 - 85 mm	0 - 85 mm
Maximum cutting height 90/45°	85 mm/60 mm	85 mm/60 mm	85 mm/53 mm	85 mm/53 mm
Maximum cutting width at parallel guide/rip fence	290 mm	290 mm	340 mm	340 mm
Maximum material width at mitre fence	220 mm	220 mm	250 mm	250 mm
No-load speed	2,980 /min	2,990 /min	2,990 /min	2,990 /min
Cutting speed	50 m/s	50 m/s	50 m/s	50 m/s
Saw blade	Ø 315 x 30 mm	Ø 315 x 30 mm	Ø 315 x 30 mm	Ø 315 x 30 mm
Saw blade swivel range	0 - 45 °	0 - 45 °	0 - 45 °	0 - 45 °
Rated input power	2,000 W	2,800 W	3,100 W	4,200 W
Weight	62 kg	64 kg	75 kg	77 kg

Scope of delivery

Order no.	0103152000	0103152100	0103153100	0103153300
Carbide saw blade (24 teeth)	■	■	■	■
Wheel set incl. handles	■	■	■	■
Universal guide	■	■		
Parallel guide / Rip fence			■	■
Mitre fence			■	■
Table length extension (550 x 800 mm)	■	■		
Table length extension (600 x 800 mm)			■	■
Chip and dust extraction unit	■	■	■	■
Push stick	■	■	■	■

Product advantages

	■ High torque three-phase motor		■ High torque three-phase motor
■ Universal table saw with basic equipment ■ Universal guide with magnetic guide for precise straight cuts and mitre cuts		■ Precise, powerful table saw in professional configuration – quick to adapt for every application ■ Mitre fence with linear stop, can also be used as a sliding table ■ Sturdy parallel guide/rip fence with quick fastening	

■ Freely height-adjustable saw blade
■ Restart protection: prevents unintentional start-up after power supply interruption
■ Ideal for sawing squared timber, boards, panels and wood-like materials in the workshop and on construction sites
■ Quiet induction motor with motor brake and overload protection - maintenance-free and robust
■ Comfortable setting of the saw blade inclination from the front
■ Sturdy, powder-coated sheet steel design and galvanised table-top
■ Foldable table length extension

System components

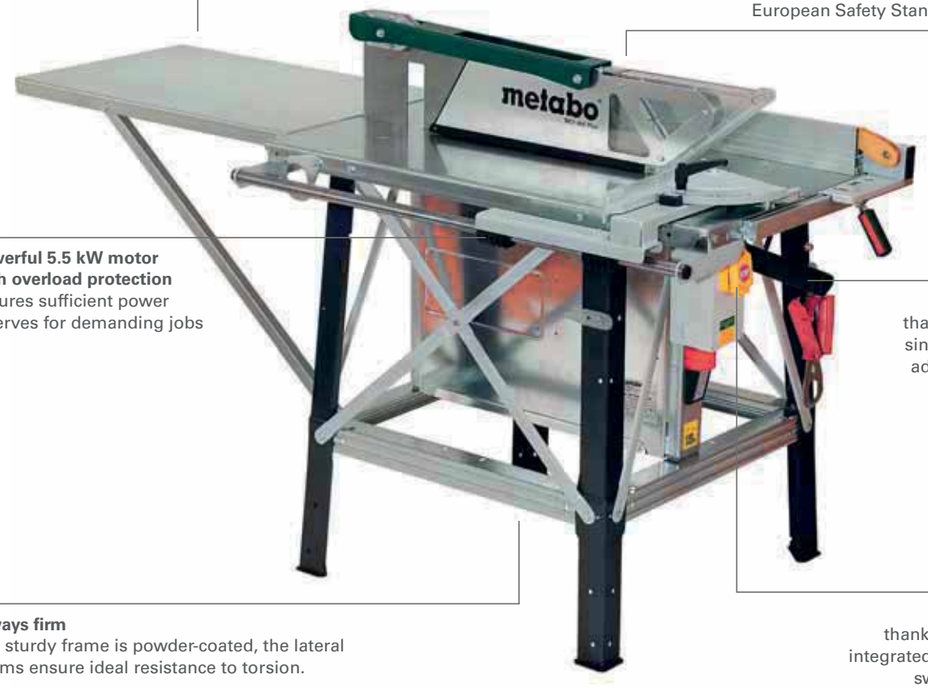
Accessories → 378, 440 | Extraction systems → 453

Site saws:
For very demanding applications on the construction site.

If you do not want to leave anything to chance on the construction site, Metabo's site saws are the ideal choice. The robust machines are universal talents for demanding applications on the construction site. They cut squared timber, control panels, OSB panels and beams. The stable construction with folding saw table and guard meet the European Safety Standard EN 1870-1 and can live up to the highest demands in every day jobs on a construction site.

Long saw table
Foldable saw table made of galvanised sheet steel.

Safety equipment
The guard as well as the complete machine meets the requirements of the European Safety Standard EN 1870-1.



Powerful 5.5 kW motor with overload protection
ensures sufficient power reserves for demanding jobs

User friendly
thanks to patented single lever height adjustment of the saw blade

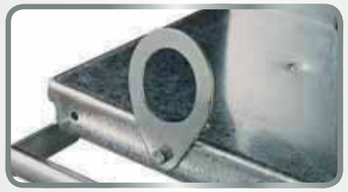
Always firm
The sturdy frame is powder-coated, the lateral beams ensure ideal resistance to torsion.

Safe operation
thanks to switch with integrated emergency-off switch and phase inverter in the plug

BKH 450 Plus



Well protected
The guard automatically opens only at the height of the work piece and closes again automatically.



Practical
Crane hook for easy transport on the construction site.



Extremely stable
Very high torsional resistance due to lateral cross braces.





Technical data	Site Saw BKS 400 Plus - 3,1 WNB	Site Saw BKS 400 Plus - 4,2 DNB	Site Saw BKS 450 Plus - 5,5 DNB	Site Saw BKH 450 Plus - 5,5 DNB
Dimensions	1,830 x 750 x 1,020 mm	1,830 x 750 x 1,020 mm	1,830 x 750 x 1,020 mm	1,830 x 750 x 1,020 mm
Table size	1,030 x 660 mm	1,030 x 660 mm	1,030 x 660 mm	1,030 x 660 mm
Maximum cutting width with parallel guide/rip fence	300 mm	300 mm	300 mm	300 mm
Maximum cutting width with supplementary table	1,300 mm	1,300 mm	1,300 mm	1,300 mm
Maximum material width with mitre fence	260 mm	260 mm	260 mm	260 mm
Cutting height	127 mm	127 mm	141 mm	20 - 140 mm
Revolutions at rated load	2,800 /min	2,750 /min	2,735 /min	2,750 /min
Cutting speed	58 m/s	58 m/s	66 m/s	68 m/s
Saw blade	Ø 400 x 30 mm	Ø 400 x 30 mm	Ø 450 x 30 mm	Ø 450 x 30 mm
Rated input power	3,100 W (S6 40%)	4,200 W (S6 40%)	5,500 W (S6 40%)	5,500 W (S6 40 %)
Output power	2,350 W (S6 40%)	3,250 W (S6 40%)	3,200 W (S1 100%)	3,200 W (S1 100 %)
Weight	88 kg	88 kg	90 kg	102 kg

Scope of delivery

Order no.	0104003000	0104004000	0104605000	0104705000
Carbide saw blade (28 teeth)	■	■		
Carbide saw blade (32 teeth)			■	■
Parallel guide / Rip fence	■	■	■	■
Mitre fence with wedge type charge	■	■	■	■
Table length extension	■	■	■	■
Crane hook	■	■	■	■
Phase inverter		■	■	■
Push stick	■	■	■	■

Product advantages

- ■ High torque three-phase motor
- ■ Patented single-lever height adjustment for quick adjustment of the cutting height to the work piece
- ■ Designed for continuous mode with S1 motor operating mode
- ■ High torque three-phase motor

- ■ Robust machine with large cutting height for universal use on the construction site
- ■ Easy to use protective cover for safe working
- ■ High user safety thanks to splash-proofed switch and motor
- ■ Corrosion protection thanks to saw table made of galvanised sheet steel
- ■ Robust parallel guide/rip fence with quick eccentric clamp
- ■ Push stick ready to use on parallel guide/rip fence for increased safety
- ■ Retractable mitre fence with wedge type charge
- ■ More safety and long service life thanks to motor brake and overload protection
- ■ Restart protection: prevents unintentional start-up after power supply interruption
- ■ Table length extension for long work pieces, foldable

System components

Accessories → 378

Extraction systems → 453

Our circular saw blades can be found in chapter 8 from page 378

power cut



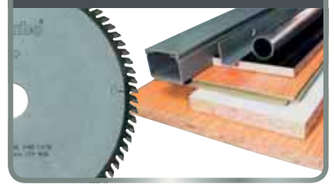
- ■ For fast coarse and semi-fine cuts with continuous feed for low performance requirements
- ■ Good cutting results for straight cuts in solid wood

precision cut



- ■ Very wide range of uses in woodwork
- ■ For very good, clean cut results for longitudinal or cross-cuts in softwood and hardwood

multi cut



- ■ Universal use for demanding materials
- ■ For the highest standards in cutting quality, e.g. for laminate, plastic, aluminium, copper and bronze materials

Attachments and Special Accessories

Accessories for pull saws / Flexo 500

		Order no.
	**Wheel set** ■ For easy transportation suitable for: UK 290, UK 333, Flexo 500	0910064363
	**Sliding table UK / Flexo** ■ Large and wide work pieces can be easily guided through the saw blade ■ Clean and precise cutting results ■ Easy to mount and remove ■ Safe working conditions suitable for: UK 290, UK 333, Flexo 500 Table size: 310 x 200 mm Overall length: 1,225 mm Support weight: 7.7 kg	0910064347
	**Table length extension UK / Flexo** ■ Practical cutting lengths for longer work pieces ■ Safe working conditions suitable for: UK 290, UK 333, Flexo 500 Length: 380 mm Width: 476 mm	0910064312
	**Table width extension UK / Flexo** ■ Increases the support surface; ideal for large boards ■ Enables cuts with parallel guide/rip fence of up to 610 mm ■ Height adjustable suitable for: UK 333, UK 290, Flexo 500 Length: 674 mm Width: 501 mm	0910064401
	**Parallel guide/rip fence UK / Flexo** ■ For long cuts or for cutting large boards ■ Long attachment profile for guiding the work piece safely suitable for: UK 290, UK 333, Flexo 500	0910063707
	**Chip and dust extraction unit UK / Flexo** ■ Extraction at two points: at chip box and at the top on the guard ■ Clear view of the work piece ■ Clean working environment Extraction nozzle Ø: 100 mm suitable for: UK 290, UK 333, Flexo 500	0910064371

Machine stand

	Order no.
 **Machine stand UMS** ■ For ideal working height and stability ■ Can be folded up compactly ■ Compensation in height with adjustable stand ■ Ready mounted Height of work bench: 83 cm Weight: 12 kg Maximum weight load: 250 kg Support surface 57 x 60 cm suitable for: KS 216 M Lasercut, KGS 216 M, KGS 254 M, KGS 305 M, KGS 216 Plus, KGS 254 Plus / KGS 254 I Plus, KGS 315 Plus, KS 254 Plus, KS 305 Plus, KS 305 M, KGT 300, KGT 305 M, BAS 260 Swift, BAS 261 Precision, DH 330, KGSV 72 Xact / KGSV 72 Xact SYM	631317000

Sliding table

	Order no.
 **TKHS sliding table** ■ Enables exact cuts, even on larger workpieces ■ Precise sliding table on 6 ball bearings ■ Complete with fence guide, swivels 90-45° ■ Fence pointer for precise repeated cuts suitable for: TKHS 315, TKHS 315 C, TKHS 315 M Maximum cutting width 90°/45°: 640 mm/930 mm Overall length: 1,270 mm Support weight: 24 kg	0910058967

Workpiece clamps

	Order no.
 **Workpice clamp KGS / KGT** ■ For the secure clamping of smaller workpieces, plastic or aluminium profiles suitable for: KGS 255, KGS 303, KGS 305, KGT 300, KGT 501, KS 210 C, KS 210 Lasercut, KGT 501 from YOM 2003	0910057553*

*Self-service packaging

Stands for mitre saws: Ideal for the construction site and the workshop.

All Metabo mitre saws, as well as all standard models of renowned manufacturers, can be mounted on the new light and robust KSU 401, and KSU 251 stands, quickly and without tools. Thanks to the trolley function, which Metabo designed for construction sites and staircases, the large handles and the ability to fold the legs with one only hand, has optimised the stands for transport. Even with the saw mounted, the stands can be folded with just a few hand movements and can be comfortably pulled to and from the workplace. They are extremely robust and stable and are suitable both for use on construction sites as well as in the workshop.

Robust and light design
with max. weight load in central part of 250 kg

Extendable workpiece supports
up to 400 cm with rollers and folding guide for precise cutting in series



Trolley function
for mobile use during installation, and on the construction site even with mounted saw

Quickly ready to use
thanks to lockable folding legs and adjustment option for safe positioning

Universal machine carrier -
makes it suitable for all the conventional mitre saws of well-known manufacturers

KSU 401



KSU 251:
Compact design for easy transport



Trolley function
for comfortable transport even with the saw mounted



Folding function by actuating lever
for quick, single-handed folding and unfolding

Special accessories for mitre saws

	Order no.
 **Stand for mitre saws KSU 100** ■ Light and robust stand for mitre saws ■ Quickly ready to use thanks to lockable folding legs ■ Extendable workpiece supports with rollers and folding guide for precise cutting in series (available as accessory) ■ Including machine carrier (installation without tools) makes it suitable for all conventional mitre saws of well-known manufacturers Overall length: 100 cm Maximum weight load in central part: 250 kg Weight: 16 kg	629004000
 **KSU 251 Stand for mitre saws** ■ Light and robust stand for mitre saws with trolley function for mobile use also with mounted saw ■ Quickly ready to use thanks to lockable folding legs and adjustment option for safe positioning ■ Extendable workpiece supports with rollers and folding guide for precise cutting in series ■ Including machine carrier (installation without tools) makes it suitable for all conventional mitre saws of well-known manufacturers Overall length: 127 cm – 250 cm Height of workpiece supports: 92 cm - 99 cm Maximum weight load in central part: 250 kg Weight: 23 kg	629005000
 **KSU 401 Stand for mitre saws** ■ Light and robust stand for mitre saws with trolley function for mobile use also with the saw mounted ■ Quickly ready to use thanks to lockable folding legs and adjustment option for safe positioning ■ Extendable workpiece supports with rollers and folding guide for precise cutting in series ■ Including machine carrier (installation without tools) makes it suitable for all conventional mitre saws of well-known manufacturers Overall length: 168 cm - 400 cm Height of workpiece supports: 92 cm - 99 cm Maximum weight load in central part: 250 kg Weight: 25 kg	629006000
 **Machine stand UMS** ■ For ideal working height and stability ■ Can be folded up compactly ■ Compensation in height with adjustable stand ■ Ready mounted Height of work bench: 83 cm Weight: 12 kg Maximum weight load: 250 kg Support surface 57 x 60 cm suitable for: KS 216 M Lasercut, KGS 216 M, KGS 254 M, KGS 305 M, KGS 216 Plus, KGS 254 Plus / KGS 254 I Plus, KGS 315 Plus, KS 254 Plus, KS 305 Plus, KS 305 M, KGT 300, KGT 305 M, BAS 260 Swift, BAS 261 Precision, DH 330, KGSV 72 Xact / KGSV 72 Xact SYM	631317000

	Order no.
 **Machine carrier KSU 100/251/401** ■ For the easy and safe installation of tall standard mitre saws of renowned manufacturers on the machine stands KSU 100, KSU 251 and KSU 401 ■ Contents: 2 pieces	629008000
Workpiece support KSU 100 ■ 1 extendable workpiece support with rolls and foldable guide for precise cuts in series ■ can be used left or right	629009000

Roller stands

	Order no.
 **Roller stand RS 420** ■ For supporting long workpieces when sawing, moulding/routing, planing and drilling ■ Sturdy, height-adjustable and foldable With smooth-rolling rollers with a high load capacity Width: 400 mm Base weight: 100 kg Height: 640 - 1,015 mm	0910053353

Spray for maintenance and care

	Order no.
 **Spray for maintenance and care** ■ Ideal for maintenance and care of wood processing machines ■ Contains silicone, prevents saw dust from sticking, e.g. to threaded rods or sliding bearings ■ Increases the sliding quality of the workpieces on the machine table ■ High cleaning capacity Contents: 400 ml	0911018691*

Lubricant

■ To help the wood glide well on the dressing plate and the thickness table

	Order no.
 **Waxilit - lubricant** Weight: 70 g	0911001071
 **Waxilit - lubricant** Weight: 1,000 g	4313062258

*Self-service packaging



Technical data	Band Saw BAS 261 Precision
Dimensions	530 x 470 x 840 mm
Support surface	328 x 335 mm
Working height without stand	375 mm
Sawing bench swivel range	0 - 45 °
Cutting height	103 mm
Passage width	245 mm
Cutting speed	735 m/min
Saw belt length	1,712 mm
Rated input power	400 W
Output power	270 W
Weight	32.5 kg

Scope of delivery

Order no.	619008
Universal band saw blade A6	■
Parallel guide / Rip fence	■
Mitre fence	■
Suction adapter (for Ø 44, 58, 100 mm)	■
Push stick	■

Product advantages

- High precision and stability for highest cutting quality
- Quiet belt path thanks to balanced flywheels with rubber coating
- Top and bottom HSS precision three-roller guide of the band saw blade for accurate cutting results, adjustable without tools
- Precise parallel guide/rip fence with double clamping and quick fastening
- Quiet induction motor, maintenance-free and robust.
- Restart protection: prevents unintentional start-up after power supply interruption
- Swivelling grey cast iron saw table for inclined cuts
- Door opening without tools for easy saw blade change
- Tool-less height adjustment of the saw blade guard
- LED work light for illumination of the cutting line
- External extraction possible for low-dust working
- Radii cutting with circle sawing attachment (accessory)

System components

Accessories → 447 | Extraction systems → 453





Technical data	Band Saw BAS 318 Precision WNB	Band Saw BAS 318 Precision DNB
Dimensions	665 x 980 x 1,600 mm	665 x 980 x 1,600 mm
Support surface	560 x 400 mm	560 x 400 mm
Working height with stand	1,000 mm	1,000 mm
Sawing bench swivel range	0 - 45 °	0 - 45 °
Cutting height	170 mm	170 mm
Passage width	307 mm	307 mm
Cutting speed	410 / 880 m/min	410 / 880 m/min
Saw belt length	2,240 mm	2,240 mm
Rated input power	900 W	900 W
Output power	660 W	660 W
Weight	79 kg	79 kg

Scope of delivery

Order no.	619009	619010
Universal band saw blade A6	■	■
Stand	■	■
Parallel guide / Rip fence	■	■
Mitre fence	■	■
Suction adapter (for Ø 44, 58, 100 mm)	■	■
Dust collection container	■	■
Push stick	■	■

Product advantages

- High precision and stability for highest cutting quality
- Quiet belt path thanks to balanced flywheels with rubber coating
- Top and bottom HSS precision three-roller guide of the band saw blade for accurate cutting results, adjustable without tools
- Two cutting speeds for various applications and materials
- Precise parallel guide/rip fence with double clamping and quick fastening
- Quiet induction motor, maintenance-free and robust.
- Restart protection: prevents unintentional start-up after power supply interruption
- Easy inclination adjustment of the grey cast iron saw table for precise incline cuts thanks to toothed ring guide
- Quick-action clamping lever and door opening without tools for easy saw blade change
- Blade clamp indicator with scale for easy control of the blade tension
- Tool-less height adjustment of the saw blade guard
- LED work light for illumination of the cutting line
- External extraction possible for low-dust working
- Drawer for simple disposal of collected sawdust
- Extendable table width extension for processing large workpieces
- Radii cutting with circle sawing attachment (accessory)
- Regrinding surfaces and curved sawing cuts with belt sanding attachment (accessory)
- Stand with wheels for comfortable change of position

System components

Accessories → 447 | Extraction systems → 453





Technical data	Band Saw BAS 505 Precision WNB	Band Saw BAS 505 Precision DNB
Dimensions	834 x 639 x 1,860 mm	834 x 639 x 1,860 mm
Support surface	536 x 640 mm	536 x 640 mm
Working height without stand	925 mm	925 mm
Sawing bench swivel range	0 - 20 °	0 - 20 °
Cutting height	280 mm	280 mm
Passage width	440 mm	440 mm
Cutting speed	430 / 1,020 m/min	430 / 1,020 m/min
Saw belt length	3,380 mm	3,380 mm
Rated input power	1,500 W	1,900 W
Output power	1,100 W	1,500 W
Weight	133 kg	133 kg

Scope of delivery

Order no.	605052	605053
Universal band saw blade A6	■	■
Parallel guide / Rip fence	■	■
Extraction nozzle (Ø 100 mm)	■	■

Product advantages

- High precision and stability for highest cutting quality
- Two cutting speeds for various applications and materials
- Top and bottom HSS precision three-roller guide of the band saw blade for best cutting results, adjustable without tools
- Quiet induction motor, maintenance-free and robust.
- Restart protection: prevents unintentional start-up after power supply interruption
- Easy inclination adjustment of the grey cast iron saw table for precise incline cuts thanks to toothed ring guide
- Door opening without tools for easy saw blade change
- Viewing window for blade clamp indicator for fast control of the blade clamping from outside
- Tool-less height adjustment of the saw blade guard
- Attachments can be stored in the saw housing
- External extraction possible for low-dust working
- Radii cutting with circle sawing attachment (accessory)

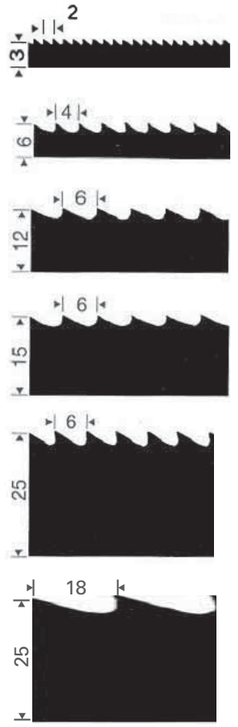
System components

Accessories → 447

Extraction systems → 453

Band Saw Blades

Band saw blades for wood and plastic



A2 **Helical tooth for small radii**
Wood, plastic, fine sawing attachment required

A4 **Helical tooth for curved cuts**
Wood, plastic

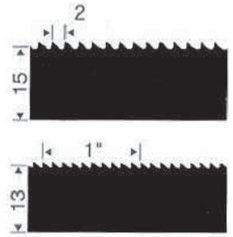
A6 **Peg tooth for curved cuts**
Wood, plastic

A6 **Helical tooth for straight cuts**
Wood, plastic

A6 **Helical tooth for straight cuts**
Wood, plastic

A18 **Helical tooth for straight cuts**
Firewood

Band saw blades for metal and foam materials



A2 **Rake tooth for universal cuts**
Aluminium, copper, brass, foam materials

14TPI 14/18 TPI 18TPI **Rake tooth for universal cuts**
Aluminium, copper, brass, steel

Designation of the band saw blades

Example:

Top edge induction hardened
2240 x 6 x 0.5/A – 4 (14 TPI)

Top edge induction hardened = tooth tip induction hardened
Carbon steel with induction hardened tooth tips; very economical thanks to high useful life

2240	= band length mm
6	= band width mm
0.5	= band thickness mm
A – 4	= clearance of tooth tips mm
14 TPI = A2	= number of teeth per inch unit
1.3 TPI = A18	= number of teeth per inch unit

Accessories for Band Saws

Band saw blades for wood and plastic



- Carbon steel with induction hardened teeth
- Very economical due to its long useable working life

Dimensions mm	Tooth pitch	Material suitability	Suitable for	Order no.
1,505 x 6 x 0.36	A4 helical tooth	Wood, plastics, aluminium, especially for curved cuts	BS 230 up to 2001	0909040817*
1,505 x 12 x 0.36	A6 peg tooth	Wood, plastics, aluminium	BS 230 up to 2001	0909040825*
1,712 x 6 x 0.36	A4 helical tooth	Wood, plastics, aluminium, especially for curved cuts	BAS 260 Swift	0909057175*
1,712 x 12 x 0.36	A6 peg tooth	Wood, plastics, aluminium	BAS 260 Swift	0909057183*
1,810 x 6 x 0.35	A4 helical tooth	for curved cuts (curves), wood, wood-like materials, plastics	BS 5370, BS 5378	627641000*
1,810 x 10 x 0.35	A6 peg tooth	for curved cuts with larger radius, wood, wood-like materials, plastics	BS 5370, BS 5378	627642000*
1,810 x 13 x 0.35	A6 peg tooth	for long, straight cuts, wood, wood-like materials, plastics	BS 5370, BS 5378	627643000*
2,225 x 3 x 0.65	A2 helical tooth	Wood, plastics, especially for curved cuts, for circular cuts with fine sawing equipment	BAS 380	0909060257*
2,225 x 6 x 0.36	A4 helical tooth	Wood, plastics, especially for curved cuts	BAS 380	0909060265*
2,225 x 9 x 0.36	A6 peg tooth	Wood, plastics	BAS 380	0909060273*
2,225 x 13 x 0.36	A6 peg tooth	Wood, plastics, for straight and clean cuts	BAS 380	0909060281*
2,230 x 3.5 x 0.65	A2 helical tooth	for curved cuts (curves), wood, wood-like materials, plastics	Bs 0633	630852000*
2,230 x 6 x 0.65	A4 helical tooth	for long, straight cuts, for curved cuts with larger radius, wood, wood-like materials, plastics	Bs 0633	630850000*
2,230 x 12.5 x 0.65	A6 peg tooth	for long, straight cuts, wood, wood-like materials, plastics	Bs 0633	630851000*
2,230 x 15 x 0.8	A6 peg tooth	for long, straight cuts, wood, wood-like materials, plastics	Bs 0633	630855000*
2,240 x 6 x 0.5	A4 helical tooth	Wood, plastics, especially for curved cuts	BAS 317 Precision	0909029252*
2,240 x 12 x 0.5	A6 peg tooth	Wood, plastics	BAS 317 Precision	0909029244*
2,240 x 15 x 0.5	A6 peg tooth	Wood, plastics, for straight and clean cuts	BAS 317 Precision	0909029260*
2,240 x 15 x 0.5	A2 rake tooth	Wood, plastics, aluminium	BAS 317 Precision	0909029279*
3,380 x 6 x 0.5	A4 helical tooth	Wood, plastics, especially for curved cuts	BAS 505 G, BAS 505 Precision	0909029180*
3,380 x 15 x 0.5	A6 peg tooth	Wood, plastics	BAS 505 G, BAS 505 Precision	0909029171*
3,380 x 25 x 0.5	A6 peg tooth	Wood, plastics, for straight and clean cuts	BAS 505 G, BAS 505 Precision	0909000416*
3,380 x 25 x 0.5	A18 peg tooth	Wood, firewood	BAS 505 G, BAS 505 Precision	0909000424*
3,380 x 15 x 0.5	A2 rake tooth	Wood, plastics	BAS 505 G, BAS 505 Precision	0909029210*

Band saw blades for metal



- Carbon steel with induction hardened teeth
- Very economical due to its long useable working life

Dimensions mm	Tooth pitch	Material suitability	Suitable for	Order no.
835 x 13 x 0.5	14 TPI	metal, profiles, plastics, foams	MBS 18 LTX 2.5	626427000
835 x 13 x 0.5	18 TPI	metal, profiles, plastics, foams	MBS 18 LTX 2.5	626428000
835 x 13 x 0.5	14/18 TPI	metal, profiles, plastics, foams	MBS 18 LTX 2.5	626429000
1,067 x 5 x 0.65	A2 rake tooth	NF metals, plastics, aluminium, wood	BS 150 E up to 1998	0909052939*
1,505 x 12 x 0.36	A2 rake tooth	NF metals, plastics, wood	BS 230 up to 2001	0909040841*
1,712 x 12 x 0.36	A2 rake tooth	NF metals, plastics, aluminium, wood	BAS 260 Swift	0909057191*
1,810 x 6 x 0.35	24 TPI	for straight and clean cuts, aluminium, aluminium profiles, NF metals	BS 5370, BS 5378	627644000*
2,230 x 3 x 0.65	18 TPI	profiles, sheet steel	Bs 0633	630853000*
2,230 x 10 x 0.65	4 TPI	aluminium, NF metals	Bs 0633	630854000*
2,230 x 13 x 0.65	14 TPI	Metal	Bs 0633	630858000*
3,380 x 13 x 0.65	14 TPI	NF metals coated materials, plastics	BAS 505 G	0909029228*

*Self-service packaging

Machine stand

	Order no.
 **Machine stand UMS** ■ For ideal working height and stability ■ Can be folded up compactly ■ Compensation in height with adjustable stand ■ Ready mounted Height of work bench: 83 cm Weight: 12 kg Maximum weight load: 250 kg Support surface 57 x 60 cm suitable for: KS 216 M Lasercut, KGS 216 M, KGS 254 M, KGS 216 Plus, KGS 254 Plus / KGS 254 I Plus, KGS 315 Plus, KS 254 Plus, KS 305 Plus, KS 305 M, KGT 300, KGT 305 M, BAS 260 Swift, BAS 261 Precision, DH 330	631317000

Circle cutting attachments

	Order no.
 **Circle cutting attachment** ■ For circular cuts or tapered cuts (with inclined table) ■ Diameter from 120 to 280 mm Band saw blade 6 mm required for curve sawing suitable for: BAS 315 / 316, BAS 316 G, BAS 317 Precision, BAS 450, BAS 500, BAS 505 G, BAS 600, BAS 505 Precision, BAS 260 Swift	0909031249*
 **Circle cutting attachment** ■ Max. passage height: BAS 261 Precision: 30 mm BAS 318 Precision: 105 mm For circular cuts or tapered cuts (with inclined table) Band saw blade 6 mm required for curve sawing suitable for: BAS 261 Precision, BAS 318 Precision	631327000

Belt sanding attachment

	Order no.
 **Belt sanding attachment** For regrinding surfaces and curved sawing cuts suitable for: BAS 318 Precision	631333000

Cloth sanding belts



Grit	Dimensions mm	Sales unit	Suitable for	Order no.
P 80	20 x 2,205	3	BAS 380	0909060303*
P 150	20 x 2,205	3	BAS 380	0909060320*
P 80	20 x 2,240	3	BAS 315 / 316, BAS 316 G, BAS 317 Precision, BAS 318 Precision	0909030528*
P 120	20 x 2,240	3	BAS 315 / 316, BAS 316 G, BAS 317 Precision, BAS 318 Precision	0909030536*
P 80	25 x 3,380	3	BAS 450, BAS 500, BAS 505 G, BAS 600, BAS 505 Precision	0909030544*
P 120	25 x 3,380	3	BAS 450, BAS 500, BAS 505 G, BAS 600, BAS 505 Precision	0909030552*

Hook and loop sanding sheets



Grit	Diameter mm	Sales unit	Suitable for	Order no.
P 60	200	5	BAS 380	0909060338*
P 80	200	5	BAS 380	0909060346*
P 100	200	5	BAS 380	0909060354*



Technical data	Bench Thicknesser DH 330
Dimensions L x W x H	579 x 857 x 574 mm
Chip removal bench thicknesser	0 - 3 mm
Material thickness table	Cast aluminium / special steel aluminium
Thickness table L x W	840 x 330 mm
Passage height/width	152 mm/330 mm
Feed rate	7 m/min
Diameter of blade shaft	47 mm
Number of blades	2
Revolutions of blade shaft	9,800 /min
Rated input power	1,800 Watt
Weight	35 kg

Scope of delivery

Order no.	0200033000
2 integrated HSS reversible planer blades	■
Push stick	■
Extraction nozzles	■

Product advantages

- Ideal for mobile use due to low weight
- Stable gear for uniform work piece feed
- Convenient height adjustment with crank handle
- Easy setting of common passage heights using stop points
- Powerful universal motor for a strong drive and uniform planing result
- Restart protection: prevents unintentional start-up after power supply interruption
- Precise thickness adjustment for quick and exact planing
- Large feed and exit tables support the conveyance of long materials
- Planing locking mechanism prevents unintentional adjustment of the chip removal setting

System components

Accessories → 452

Extraction systems → 453





Technical data	Planer Thicknesser HC 260 C - 2,2 WNB	Planer Thicknesser HC 260 C - 2,8 DNB
Dimensions	1,110 x 620 x 960 mm	1,110 x 620 x 960 mm
Dressing plates L x W	1,040 x 260 mm	1,040 x 260 mm
Chip removal, planing	0 - 3 mm	0 - 3 mm
Chip removal bench thicknesser	0 - 3 mm	0 - 3 mm
Material dressing plates	Cast aluminium	Cast aluminium
Material thickness table	Grey cast iron	Grey cast iron
Thickness table L x W	400 x 260 mm	400 x 260 mm
Passage height/width	160 mm/260 mm	160 mm/260 mm
Feed rate	5 m/min	5 m/min
Diameter of blade shaft	63 mm	63 mm
Number of blades	2	2
Revolutions of blade shaft	6,500 /min	6,500 /min
Rated input power	2,200 W	2,800 W
Output power	1,600 W	2,000 W
Weight	71 kg	71 kg

Scope of delivery

Order no.	0114026000	0114026100
integrated disposable reversible planer blades	■	■
short, swivelling jointing fence	■	■
Chip ejection hood	■	■
Push stick	■	■
Extraction nozzles	■	■
Transport wheels	■	■

Product advantages

- High torque three-phase motor
- Simple conversion from surface planer to bench thicknesser without tools
- Stable gear for uniform work piece feed
- Thickness table made of solid, non-abrasive grey cast iron
- Convenient height adjustment with crank handle
- Planer blades with double blade for longer service life
- Jointing fence, swivelling 90°-45°
- Powerful universal motor for a strong drive and uniform planing result
- Quiet induction motor, maintenance-free and robust.
- Restart protection: prevents unintentional start-up after power supply interruption

System components

Accessories → 452

Extraction systems → 453

Disposable reversible planer blades

- For all soft woods

Dimensions mm	Reversible planer blades	Suitable for	Sales unit	Order no.
260 x 18.6 x 1	■	HC 260 C, HC 260 M, HC 260 K	2	0911030713*
260		ADH 260	2	630468000

HSS planer blades



- For all soft woods and hard woods
- Regrindable
- 18% tungsten = increased tool life

Dimensions mm	Reversible planer blades	Suitable for	Sales unit	Order no.
260		ADH 260	2	630467000
260		ADH 1626	2	630545000
260 x 20 x 2.5		Multi 260	2	0920054030*
260 x 20 x 3		HC 260 C, HC 260 M, HC 260 K	2	0911030721*
263 x 24.5 x 3		HC 260 E / ES up to construction year 1989	2	0911030748*
304 x 25 x 3		HC 300	2	0911060167*
310		ADH 310	2	631878000
310 x 20 x 2.5		Multi 310	2	0920054048*
310 x 20 x 3		HC 333 G	2	0911053179*
310 x 30 x 3		HC 314 up to construction year 1989 99	4	0911016362*
320 x 25 x 3		HC 320 up to construction year 1989 99	3	0911014220*
334 x 16 x 2	■	DH 330 up to construction year 1989 05	2	0911062119*
332 x 12 x 1.5	■	DH 330 as of year of construction 06, DH 316	2	0911063549*
410 x 25 x 3		HC 410 G	3	0911050390*

Carbide planer blade

- For all hard woods, especially exotic woods, laminated wood, hard paper, fabric reinforced laminates
- Panel materials and plastics
- Regrindable, long tool life

Dimensions mm	Reversible planer blades	Suitable for	Sales unit	Order no.
260 x 20 x 3		HC 260 C, HC 260 M, HC 260 K	2	0911030730*

Planer blade and retaining strip conversion set

Dimensions mm	Reversible planer blades	Suitable for	Sales unit	Order no.
260		HC 260 C, HC 260 M	2	0911030845

*Self-service packaging





10







Vacuuming and Extraction

Which all-purpose vacuum cleaner for which application?

Dust can be a hazard to the health of the user. The low-dust extraction systems from Metabo are solutions that offer optimum protection to the user. Depending on the requirements and application we recommend a vacuum cleaner that corresponds to a specific dust class.

In addition, depending on the dust type (e.g. wood dust, mineral dust) the user can select between different technologies in terms of filter cleaning: From manual to fully-automatic filter cleaning there are extraction systems available for different dust classes.

Dust classes

Since 2005 - EN 60335-2-69, annex AA (excerpt)		Hazards / suitable for	Disposal
Dust classes	**Max. transmittance**		
L 	1%	**Keeps back 99% of:** ■ Dusts with AGW values > 1 mg/m³ ■ Slightly hazardous dust	–
M 	0,1%	**Keeps back 99.9% of:** ■ Dusts with AGW values ≥ 0.1 mg/m³ ■ Dust of medium hazard e.g. wood dusts (beech / oak) ■ Mineral dust class M	Low-dust disposal
H 	0,005%	**Keeps back 99.995% of:** ■ ■ Carcinogenic dusts ■ Dust containing pathogens	Dust-free disposal
Additional requirement asbestos	As H with asbestos certification in accordance with TRGS 519, for Germany	■ Asbestos dusts	Dust-free disposal

Filter cleaning technologies

Symbol	Designation	Abbreviation	Types of extraction units	Filter cleaning technology	Function
–	–	–	AS 20 L, ASA 32 L	No filter cleaning technology	–
	PressClean	PC	ASA 25 L PC, ASA 30 L PC Inox, AS 18 L PC	Manual filter cleaning	■ Switch provides manual filter cleaning of the extraction unit whilst maintaining a strong suction during breaks in removal of debris
	SelfClean	SC	ASR 25 L SC, ASR 50 L SC, ASR 50 M SC	Semi-automatic filter cleaning	■ Electromagnetic, semi-automatic filter cleaning during breaks
	AutoCleanPlus	ACP	ASR 35 L ACP, ASR 35 M ACP, ASR 35 H ACP	Fully-automated filter cleaning	■ Electromagnetic, fully automatic and demand driven MPulse filter cleaning ■ Working without interruptions, particularly suited for continuous use ■ If the optimum suction performance falls below a certain level, the filters are vibrated immediately

18 V

NEW





Technical data	Cordless Vacuum Cleaner AS 18 L PC
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Air output max.	2,100 l/min
Vacuum	120 hPa (mbar)
Filter surface	3,600 cm²
Container volume	7.5 l
Suction hose Ø	27 mm
Hose length	3 m
Weight (including battery pack)	7.4 kg

Scope of delivery

Order no.	602021
Suction hose (Ø 27 mm / 3.0 m)	■
Fleece filter bag	■
Suction nozzle (120 mm wide)	■
Crevice nozzle	■
Carrying strap	■
2 Li-Power battery packs (18 V/5.2 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- Light, compact cordless vacuum cleaner for mobile use for extraction and vacuuming of dust and chips
- Dry vacuum cleaner with commercial registration, certified in accordance with EU standard for L class dust
- PressClean: manual filter cleaning using strong air flow by activating the switch on the extraction unit during breaks
- With integrated blow function for blowing out, drying and drawing off exhaust air
- Eco mode for longer runtime per battery pack charge, boost mode for maximum power
- Large corner switch for easy switching On/Off also by foot operation
- Practical storage for second battery pack, charger, nozzles and hose (3 m)
- Compact MetaLoc design for stacking with the MetaLoc cases
- Robust housing with rubber protectors at the footprint for gentle, non-slip placement
- Easy transport with ergonomically-designed handle or carry strap
- Capacity display of the battery pack directly on the control panel of the vacuum cleaner

System components

Accessories → 462

Battery packs → 72





Technical data	All-Purpose Vacuum Cleaner AS 20 L	All-purpose Vacuum Cleaner ASA 32 L
Air output max.	3,600 l/min	3,600 l/min
Vacuum	200 hPa (mbar)	200 hPa (mbar)
Filter surface	3,600 cm²	3,600 cm²
Input power max.	1,200 W	1,200 W
Container volume	20 l	32 l
Suction hose Ø	35 mm	35 mm
Hose length	1.75 m	3.2 m
Weight	5 kg	7 kg
Cable length	5 m	5 m

Scope of delivery

Order no.	602012	602013
Suction hose (Ø 35 mm, 1.75 m)	■	
Suction hose (Ø 35 mm / 3.2 m)		■
2 Suction tubes	■	■
Cellulose pleated filter	■	■
Crevice nozzle	■	■
Pipe holder		■
Floor nozzle (260 mm wide)	■	■
Suction nozzle (120 mm wide)		■

Product advantages

- For extraction from power tools and to clean construction sites, workshops etc.
- Power socket for a power tool thus activating automatic start-up/shut-down of the vacuum cleaner

- Compact vacuum cleaner for liquids and dry solids with commercial registration
- Ideal for mobile use due to low weight and compact construction
- User safety: certified in accordance with EU standard for L class dust
- Automatic shutoff when vacuuming liquids once the maximum fill level is reached
- Cable winding mechanism
- Practical accessory case and storage area

System components

Accessories → 462





Technical data	All-purpose Vacuum Cleaner ASA 25 L PC	All-purpose Vacuum Cleaner ASA 30 L PC Inox
Air output max.	3,600 l/min	3,600 l/min
Vacuum	210 hPa (mbar)	210 hPa (mbar)
Filter surface	3,000 cm²	3,000 cm²
Input power max.	1,250 W	1,250 W
Container volume	25 l	30 l
Suction hose Ø	32 mm	32 mm
Hose length	3.5 m	3.5 m
Weight	8.3 kg	9.6 kg
Cable length	7.5 m	7.5 m

Scope of delivery

Order no.	602014	602015
Suction hose (Ø 32 mm / 3.5 m)	■	■
Handle adapter	■	■
2 Aluminium suction tubes	■	
2 Suction tubes (chrome-plated)		■
Pleated polyester filter	■	■
PE Filter bags	■	■
Fleece filter bag	■	■
Crevice nozzle	■	■
Floor nozzle (300 mm wide)	■	■
Suction nozzle (120 mm wide)	■	■
Brush nozzle	■	■
Cable/hose bracket	■	■

Product advantages

- Container made of corrosion-proof, high-quality stainless steel

- Compact vacuum cleaner for liquids and dry solids with commercial registration
- Ideal for mobile use due to low weight and compact construction
- For extraction from power tools and to clean construction sites, workshops etc.
- Power socket for a power tool activating automatic start-up/shut-down of the vacuum cleaner
- PressClean: manual filter cleaning using strong air flow by activating the switch on the extraction unit during breaks
- User safety: certified in accordance with EU standard for L class dust
- Automatic shutoff when vacuuming liquids once the maximum fill level is reached
- With integrated blow function for blowing out, drying and drawing off exhaust air
- Cable and hose bracket for practical transport
- Practical accessory case and storage area

System components

Accessories → 462






Technical data	All-Purpose Vacuum Cleaner ASR 25 L SC	All-Purpose Vacuum Cleaner ASR 50 L SC	All-Purpose Vacuum Cleaner ASR 50 M SC
Air output max.	3,660 l/min	3,660 l/min	3,660 l/min
Vacuum	248 hPa (mbar)	248 hPa (mbar)	248 hPa (mbar)
Filter surface	8,600 cm²	8,600 cm²	8,600 cm²
Input power max.	1,400 W	1,400 W	1,400 W
Container volume	25 l	50 l	50 l
Suction hose Ø	35 mm	35 mm	35 mm
Hose length	3.2 m	3.2 m	4 m
Weight	11 kg	16 kg	16 kg
Cable length	8 m	8 m	8 m

Scope of delivery

Order no.	602024 [2]	602034	602045
Suction hose (Ø 35 mm / 3.2 m)	■	■	
Antistatic suction hose (Ø 35 mm / 4 m)			■
Handle adapter	■	■	■
2 Plastic suction tubes	■	■	■
2 Polyester filter cassettes (M class)	■	■	■
PE Filter bags			■
Fleece filter bag	■	■	■
Crevice nozzle	■	■	■
Universal nozzle	■	■	■
Carrying handle		■	■

[2] also available in 110 V (UK)

Product advantages

- Ideal for mobile use due to low weight and compact construction
- User safety: certified in accordance with EU standard for L class dust
- Two polyester filter cassettes with large filter area for constantly high suction capacity

- User safety: certified in accordance with EU standard for L class dust

- High user safety: certified in accordance with EU standard for M class dusts
- Warning signal on shortfall of the minimum volume flow to protect the user

- Compact vacuum cleaner for liquids and dry solids with commercial registration
- For extraction from power tools and to clean construction sites, workshops etc.
- Power socket for a power tool activating automatic start-up/shut-down of the vacuum cleaner
- SelfClean: semi-automatic filter cleaning during breaks for next use
- Automatic shutoff when vacuuming liquids once the maximum fill level is reached
- Automatic trailing mechanism for emptying the suction hose completely
- Basic antistatic equipment prevents static charge when using appropriate accessories
- Cable winding mechanism
- Practical accessory case and storage area
- Storage and transport system: coupling of MetaLoc and vacuum cleaner with the Metadepot (accessory)

System components

Accessories → 462






Technical data	All-Purpose Vacuum Cleaner ASR 35 L ACP	All-Purpose Vacuum Cleaner ASR 35 M ACP	All-Purpose Vacuum Cleaner ASR 35 H ACP
Air output max.	3,660 l/min	3,660 l/min	3,660 l/min
Vacuum	248 hPa (mbar)	248 hPa (mbar)	248 hPa (mbar)
Filter surface	8,600 cm²	8,600 cm²	8,600 cm²
Input power max.	1,400 W	1,400 W	1,400 W
Container volume	35 l	35 l	35 l
Suction hose Ø	35 mm	35 mm	35 mm
Hose length	3.5 m	4 m	4 m
Weight	16 kg	16 kg	16 kg
Cable length	8 m	8 m	8 m

Scope of delivery

Order no.	602057 [1]	602058 [2]	602059
Suction hose (Ø 35 mm / 3.2 m)	■		
Antistatic suction hose (Ø 35 mm / 4 m)		■	■
Connection bush Ø 41/48 mm		■	■
Handle adapter	■	■	■
2 Plastic suction tubes	■	■	■
2 Polyester filter cassettes (M class)	■	■	
2 HEPA polyester filter cassettes			■
PE Filter bags	■	■	■
Crevice nozzle	■	■	■
Floor nozzle (300 mm wide)		■	■
Floor nozzle (370 mm wide)	■		

[1] also available in 120 V (North/Latin America)
[2] also available in 110 V (UK)

Product advantages

- User safety: certified in accordance with EU standard for L class dust
- Suction power regulator for adapted suction performance

- High user safety: certified in accordance with EU standard for M class dusts

- Ideal vacuum cleaner for removal of mould and old insulation in roof and wall areas
- Maximum user safety: certified in accordance with EU standard for H class dusts

- Warning signal on shortfall of the minimum volume flow to protect the user
- Optimum suction power by preselection of the hose diameter

- Compact vacuum cleaner for liquids and dry solids with commercial registration
- Power socket for a power tool activating automatic start-up/shut-down of the vacuum cleaner
- AutoCleanPlus: saves both costs and time thanks to automatic MPulse filter cleaning during continuous use
- If the optimum suction performance falls below a certain level, the filters are vibrated immediately
- Automatic shutoff when vacuuming liquids once the maximum fill level is reached
- Automatic trailing mechanism for emptying the suction hose completely
- Basic antistatic equipment prevents static charge when using appropriate accessories

System components

Accessories → 462

Which connection option for which handheld power tool?

	Metabo All-purpose Vacuum Cleaner						
	ASA 32 L ASA 25 L PC[1] ASA 30 L PC Inox[1] ASR 25 L SC	ASR 50 L SC ASR 50 M SC ASR 35 L, M, H ACP					
Suction hose diameter	Ø 27 mm		Ø 32 mm	Ø 35 mm			
Hose length	3.5 m	3.5 m	3.5 m	2.5 m	3.2 m	4.0 m	4.0 m
Order no.	**631938000**	**631939000**	**631337000**	**631752000**	**631362000**	**631370000**	**630344000**
							
	antistatic					antistatic	
Adapters and connectors	without adapter			with 624996000			
Long-neck Sanders							
LSV 5-225 Comfort, LSV 5-225		■					
Cordless Circular Saw							
KS 18 LTX 57		■			■		
Circular Saws							
KSE 55 Vario Plus, KS 55, KS 55 FS, KS 66, KS 66 Plus, KSE 68 Plus		■/□					
Jigsaws/Cordless Jigsaw							
STA 18 LTX 100, STAB 18 LTX 100 STE 140 Plus, STEB 140 Plus STA 18 LTX 140, STEB 65 Quick, STE 100 Quick		■					
STEB 70 Quick, STEB 80 Quick					■		
Sanders							
DSE 280 Intec, DSE 300 Intec				with adapter 624994000			
FMS 200 Intec, FSR 200 Intec, FSX 200 Intec		■		with adapter 626996000			
SRE 3185, SR 2185, SXE 3125, SXE 3150		■					
SXE 400					■		
SXE 425 TurboTec, SXE 450 TurboTec		■					
SXE 150-2.5 BL, SXE 150-5.0 BL		■					
SRE 4350 TurboTec, SRE 4351 TurboTec		■					
MT 18 LTX		■					
Belt Sander							
BAE 75		■					
Cutting Systems							
W 12-125 HD Set CED / W 12-125 HD Set CED Plus		■/□					
Dust extraction shrouds for angle grinders							
CED 125, CED 125 Plus		■/□					
Guard Ø 180 mm, Ø 230 mm		■/□					
Sanding/extraction guards for angle grinders							
GED 125		■/□					
Routers and planers							
HO 18 LTX 20-82, HO 26-82, Ho 0882, LF 724 S, OFE 738, OFE 1229 Signal		■/□					
Wall Chasers							
MFE 30, MFE 65, MFE 40							■
Renovation grinders and renovation milling machines							
RS 14-125/17-125, WE 15-125 HD Set GED, RF 14-115, RSEV 19-125 RT, RFEV 19-125 RT		■/□					

[1] only compatible with hose 631337000

■ Connection possible without adapter
□ Connection possible via an optional coupling bush - large Ø 41/48 mm (order no. 630796000)

Extraction possibility when drilling

- For all drills, combination and multi hammers as well as drills and impact drills
- Vacuum cleaner adapter for extracting the drill dust directly from the drilled hole
- Auto-suction on almost all surfaces

		for drill Ø	for suction hose Ø	Order no.
DDE 14		4-14 mm	27 mm 32 mm 35 mm	630829000
DDE 72		up to 32 mm with brush rim up to 32-72 mm without brush rim	32 mm with click adapter* 35 mm with threaded adapter* *included in the scope of delivery	631343000

Accessories for All-purpose Vacuum Cleaners

Which connection option for which wood processing tool?

	Metabo All-purpose Vacuum Cleaner								Chip and Dust Extraction Units		
	ASA 32 L ASA 25 L PC[1] ASA 30 L PC Inox[1] ASR 25 L SC	ASR 50 L SC ASR 50 M SC ASR 35 L, M, H ACP							SPA 1200 SPA 1702 W SPA 2002 W SPA 2002 D		
Diameter	Ø 27 mm		Ø 32 mm	Ø 35 mm			Ø 58 mm		Ø 100 mm		
Length	3.5 m	3.5 m	3.5 m	2.5 m	3.2 m	4.0 m	3 m		2.5 m[2]	5 m	10 m
Order no.	**631938000**	**631939000**	**631337000**	**631752000**	**631362000**	**631370000**	**630312000**			**7854112915**	**7854115035**
											
		anti-static				anti-static					
Adapters and connectors	without adapter	with suction adapter 0910059955	with transition piece 630316000	with suction adapter 0910031260			without adapter	with suction adapter Multi 0910058010 / with suction adapter 0910031260	without adapter	with suction adapter Multi 0910058010	with universal adapter 0913031288
								 			
				+ adapter 630316000							
											
Mitre Saws											
KS 18 LTX 216 KGS 18 LTX 216 KS 216 M Lasercut KGS 216 M KGSV 216 M KGS 254 M KGS 305 M KS 305 M	■/□							□		□	
KS 254 Plus KS 305 Plus	■/□	■/□						■		■	
KGSV 72 Xact KGSV 72 Xact SYM	■/□							□		□	
KGS 216 Plus KGS 254 Plus KGS 254 I Plus KGS 315 Plus			■				■		■		
KGT 300	□							■		■	
KGT 305 M	■/□							□		□	
Pull Saws											
UK 290 UK 333 with two-point extraction 0910064371			■				■		■		
Table Saws											
TS 36-18 LTX BL 254 TS 36 LTX BL 254	■/□						□			□	
TS 216 TS 254	■/□						■			■	
TKHS 315 C TKHS 315 M				■				■	■		
Planer Thicknessers											
HC 260 C								■	■		
DH 330							■				■
Band Saws											
BAS 261 Precision BAS 260 Swift BAS 318 Precision BAS 317 Precision	□		■				■		■		
BAS 505 Precision				■				■	■		

■ Connection possible without adapter
□ Connection possibility via optionally available coupling bush large Ø 41/48 mm (order no. 630796000)
[1] only compatible with hose 631337000
[2] only available in the scope of delivery, available as spare part

Suction Hoses

		Order no.
	**Suction hose** ■ With bayonet fitting and rubber connector (internal Ø 30 mm, outside Ø 35 mm) ■ Flexible and easy extension: extraction hose can be connected to a second one without additional connector ■ Connector Ø: 58 mm Hose length: 3.5 m Suction hose Ø: 27 mm	631938000
	**Suction hose** ■ Antistatic suction hose ■ With bayonet fitting and rubber connector (internal Ø 30 mm, outside Ø 35 mm) ■ Flexible and easy extension: extraction hose can be connected to a second one without additional connector Connector Ø: 58 mm / 35 mm Hose length: 3.5 m Suction hose Ø: 27 mm	631939000
	**Suction hose** ■ With coupling bush with shunt air opening ■ Standard equipment for ASA 25 L PC and ASA 30 L PC Inox Hose length: 3.5 m Suction hose Ø: 32 mm	631337000
	**Suction hose** ■ With swivel joint and bayonet connector ■ Standard equipment for AS 20 L Connector Ø: 58 mm Hose Length: 1.75 m Suction hose Ø: 35 mm	631751000
	**Suction hose** ■ With swivel joint ■ For bayonet fitting Connector Ø: 58 mm / 35 mm Hose Length: 2.5 m Suction hose Ø: 35 mm	631752000
	**Suction hose** ■ With swivel joint ■ Flexible and easy extension: extraction hose can be connected to a second one without additional connector ■ Standard equipment for ASA 32 L, ASR 50 L SC, ASR 25 L SC Connector Ø: 58 mm Hose length: 3.5 m Suction hose Ø: 35 mm	631362000
	**Suction hose** ■ When using a second suction hose, the dust extraction device can be placed at a distance of up to 8 m from the work area ■ With bayonet fitting for connection to the extraction nozzle of wall chasers MFE 30, MFX 65 and MFE 65 Connector Ø: 35/35 mm Hose Length: 4 m Suction hose Ø: 35 mm	630344000
	**Suction hose** ■ Antistatic suction hose ■ For bayonet fitting ■ With swivel joint ■ Flexible and easy extension: extraction hose can be connected to a second one without additional connector ■ Standard equipment for ASA 50 M SC Connector Ø: 58 mm Hose Length: 4 m Suction hose Ø: 35 mm	631370000

		Order no.
	**Suction hose** ■ When using a second suction hose, the dust extraction device can be placed at a distance of up to 6 m from the work area Connector Ø: 58 mm Hose length: 3 m Suction hose Ø: 58 mm	630312000
	**Suction hose** ■ Standard equipment of the AS 18 L PC Hose length: 3 m Suction hose Ø: 27 mm	630171000

Adapters

		Order no.
	**Handle adapter** ■ As handle, for attaching between the suction hoses and the suction pipes ■ Standard equipment for ASR 2025, ASR 2050 and SHR 2050 M	630317000
	**Reducing sleeve Ø 58/35 mm**	631364000
	**Adapter Ø 30/35 mm** ■ For connecting the suction hose with connector Ø 35 mm to an extraction nozzle Ø 30 mm	624996000
	**Adapter Ø 35/58 mm** ■ For connecting the suction hoses with connection Ø 35 mm to an extraction nozzle Ø 58 mm. Adapter is part of the dust extraction set 630828000.	630316000*
	**Connection bush Ø 41/48 mm** ■ Particularly suited for coarse dirt, as well as devices with high generation of dust. Conducts electricity, length: 90 mm, inside/outside Ø: 41/48 mm	630796000*
	**Coupling bush Ø 28/35 mm** ■ Universal connection bush for most hand-held power tools. Standard connection bush of the Metabo suction hoses. ■ Conducts electricity; with non-slip internal corrugation; inside/outside Ø: 28/ 35 mm	630798000
	**Bayonet connector** ■ For bayonet fitting of suction hoses with Ø 35 mm connector (without bayonet fitting connector) in electrical tools with Ø 35 mm extraction nozzle	630898000*
	**Connecting sleeve Ø 58 mm** ■ For joining two suction hoses with connector Ø 58 mm	631365000
	**Y-piece** With Ø 58 mm connector and two Ø 58 mm openings for use in the Metabo all-purpose vacuum cleaners and the special purpose vacuum cleaner	630897000*

Suction Tubes

	Diameter mm	Length m	Type	Sales unit	Order no.
	35	0.4	Plastic	2	630314000
	58	0.4	Plastic	2	630867000
	35	0.4	Chromium-plated	2	631363000

*Self-service packaging

Nozzles

		Order no.
	**Suction nozzle** ■ Standard equipment for ASA 1202 and AS 18 L PC Width: 120 mm	630320000*
	**Universal nozzle** ■ Reversible Width: 300 mm	630322000
	**Floor nozzle** ■ Also suitable for vacuuming liquids ■ With brush head and rubber head Width: 370 mm	630329000
	**Floor nozzle** ■ Metal version Width: 450 mm	631940000
	**Floor nozzle** Width: 360 mm	630868000
	**Set of floor nozzles** ■ Set made up of: Nozzle body, floor insert and insert for wet vacuuming Width: 370 mm	630321000
	**Multi-purpose nozzle** ■ With 3 inserts for vacuuming carpets, flat surfaces and for vacuuming liquids Width: 270 mm	630328000
	**Universal brush** ■ Suitable for all surfaces; Easy application thanks to handle Width: 40 mm Length: 120 mm	630244000
	**Upholstery brush** ■ With swivel joint Width: 40 mm Length: 60 mm	630245000*
	**Crevice nozzle** ■ Standard equipment for AS 1200, ASA 1202, ASR 2025, ASR 2050, SHR 2050 M and AS 18 L PC Length: 200 mm	630323000*
	**Rubber nozzle** ■ tapering from 28 to 38 mm Length: 200 mm	630324000*

*Self-service packaging

Which filter bags/filter cassettes fit which extraction unit?

Filter bags/filter cassettes				Order no.	AS 18 L PC	AS 20 L AS 1200 ASA 1201	ASA 32 L ASA 1202	ASA 25 L PC ASA 30 L PC Inox	ASR 25 L SC ASR 2025 ASA 2025	ASR 50 L SC ASR 2050 SHR 2050 M	ASR 50 M SC	ASR 35 L/ M ACP	ASR 35 H ACP
Paper filter bag		5 pcs.	20 l	631754000		■							
		5 pcs.	25 l	631935000					■				
		5 pcs.	32 l	631757000			■						
		5 pcs.	50 l	631936000						■	■		
PE disposal bag		5 pcs.	35/50 l	630325000							■	■	■
		5 pcs.	25/30 l	630298000				■					
Fleece filter bag		5 pcs.	25/35 l	630343000					■			■	
		5 pcs.	45/50 l	630359000						■	■		
		5 pcs.	25/30 l	630296000				■					
		5 pcs.	7.5 l	630173000	■								
Pleated filter		1 pcs.	Polyester	631753000		■	■						
		1 pcs.	Polyester	630299000				■					
		1 pcs.	Polyester HEPA	630175000	■								
		1 pcs.	Polyester	630172000	■								
Filter cassettes		2 pcs.	Cellulose	631933000					■	■	■	■	
		2 pcs.	Polyester	631934000					■	■	■	■	
		2 pcs.	Polyester nano-coated	631894000					■	■	■	■	
		2 pcs.	Polyester H/ HEPA	630326000									■

Filter Bags

PE disposal bags



- 20 times the volume of paper filter bags
- No clogging with fine dust (especially quartz and plaster dust)
- Meet the requirements for M and H class vacuums
- Clean, simple and fast removal and disposal
- Well suited for applications where large amounts of fine dust are generated (e.g. removal of plaster from surfaces, grinding and removal of screed etc.)
- Ideal when using machines for processing concrete and masonry, such as: renovation milling machines, renovation grinder, long-neck sanders, wall chasers etc.

	Order no.
PE disposal bag - 25/30 l suitable for: ASA 25 L PC, ASA 30 L PC Inox Sales unit: 5	630298000*
PE disposal bag - 35/50 l suitable for: ASR 35 L AutoClean, ASR 35 M AutoClean, ASR 50 M SC Sales unit: 5	630325000*

Fleece filter bags



- Fleece filter bags are better and easy to open out than paper ones
- Improved mechanical stability
- Well suited for applications where small amounts of fine dust are generated (e.g. grinding and removal of paint and lacquer coatings or short drilling jobs with small diameters)
- Ideal for use with wood processing machines, such as routers, planer thicknessers, small random orbital sanders and orbital sanders etc.

	Order no.
Fleece filter bag - 7.5 l suitable for: AS 18 L PC Sales unit: 5	630173000*
Fleece filter bag - 25/30 l suitable for: ASA 25 L PC, ASA 30 L PC Inox Sales unit: 5	630296000*
Fleece filter bags – 25/35 l Suitable for all all-purpose and special suction units with a maximum container volume of 25/35 l suitable for: ASR 35 L AutoClean, ASR 35 M AutoCleanASR 25 L SC Sales unit: 5	630343000*
Fleece filter bags – 45/50 l suitable for: ASR 50 L SC, ASR 50 M SC Sales unit: 5	630359000*

Paper filter bags

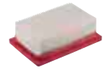
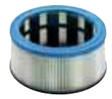
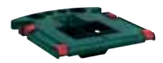


- Double-layer

	Order no.
Paper filter bag, 20 litres suitable for: AS 1200, ASA 1201, AS 20 L Sales unit: 5	631754000*
Paper filter bag, 50 litres suitable for: ASA 9050, ASR 1250, SHO 1150 Sales unit: 5	631349000*
Paper filter bag, 25 litres suitable for: ASA 2025, ASR 2025, ASR 25 L SC Sales unit: 5	631935000*
Paper filter bag, 50 litres suitable for: ASR 2050, SHR 2050 M, ASR 50 L SC, ASR 50 M SC Sales unit: 5	631936000*
Paper filter bag, 32 litres suitable for: ASA 1202, ASA 32 L Sales unit: 5	631757000*
Paper filter bag, 27 litres suitable for: ASA 9011 Sales unit: 5	631348000*

*Self-service packaging

Additional Accessories for All-purpose Vacuum Cleaners

		Order no.
	**Paper pre-filter** ■ Prevents the pleated filter from becoming clogged with dirt and dust suitable for: ASA 9050, ASR 1250 Sales unit: 5	631345000*
	**Polyester pre-filter** ■ Prevents the pleated filter from becoming clogged with dirt and dust suitable for: AS 1200, ASA 1201, ASA 1202, AS 20 L, ASA 32 L Sales unit: 1	631967000*
	**Pleated filter** ■ Corresponds to dust class L suitable for: AS 18 L PC Sales unit: 1	630172000*
	**Pleated filter** ■ Corresponds to dust class HEPA 13 suitable for: AS 18 L PC Sales unit: 1	630175000*
	**Pleated filter** ■ Corresponds to dust class M suitable for: ASA 25 L PC, ASA 30 L PC Inox Sales unit: 1	630299000*
	**Pleated filter** ■ Corresponds to dust class M suitable for: AS 20 L, AS 1200, ASA 1201, ASA 32 L, ASA 1202 Sales unit: 1	631753000*
	**Paper filter cassettes** ■ Corresponds to dust class M suitable for: ASA 2025, ASR 2025, ASR 2050, SHR 2050 M, ASR 35 L AutoClean, ASR 35 M AutoClean Sales unit: 2	631933000*
	**2 Polyester filter cassettes** ■ Corresponds to dust class: M ■ Also suitable for absorbing graphite/toner and vacuuming liquids suitable for: ASA 2025, ASR 2025, ASR 2050, SHR 2050 M, ASR 35 L AutoClean, ASR 35 M AutoClean Sales unit: 2	631934000*
	**2 HEPA filter cassettes** ■ Corresponds to dust class H (HEPA 14) ■ HEPA = high efficiency particular air filter ■ Keeps back 99.995% of fine dusts larger than 0.3 µm suitable for: ASR 2025, ASR 2050, SHR 2050 M, ASR 35 L AutoClean, ASR 35 M AutoClean Sales unit: 2	630326000*
	**2 Filter cassettes, polyester, nano-coated** ■ Suitable for fibrous fine dusts; e.g. when cutting and grinding Fermacell boards, gypsum plaster and MDF boards ■ Larger pleat distance for better, easier cleaning of the filter ■ Smooth filter material (surface nano-coated); therefore significantly higher volume flow for a longer time ■ Corresponds to dust class M suitable for: ASR 25 L SC , ASR 50 M SC, ASR 50 L SC, ASR 35 L AutoClean, ASR 35 L AutoClean Plus, ASR 35 M AutoClean, ASR 35 M AutoClean Plus Sales unit: 2	631894000*
	**Carrying handle** ■ Very light and easily mobile as a result ■ Including spring cotter suitable for: ASR 35 L AutoClean, ASR 35 M AutoClean Sales unit: 1	630311000
	**Metadepot** ■ For practical storage of pipes, cables and accessories. ■ Provides the combination of Metabo all-purpose vacuum cleaners with the MetaLoc system suitable for: ASR 2025, ASR 2050, SHR 2050 M, ASR 25 L SC , ASR 50 L SC, ASR 50 M SC Sales unit: 1	631937000
 NEW	**Trolley AS 18 L PC / MetaLoc** ■ For extra mobility for the AS 18 L PC and the MetaLocs ■ For highest safety, MetaLoc and AS 18 L PC can be fixed with closures ■ 2 lockable castors ensure excellent mobility. suitable for: AS 18 L PC and MetaLoc Sales unit: 1	630174000





Technical data	Chip and Dust Extraction Unit SPA 1200	Chip and Dust Extraction Unit SPA 1702 W
Dimensions	830 x 450 x 1,600 mm	882 x 562 x 1,671 mm
Maximum vacuum	1,600 Pa	1,730 Pa
Maximum volume flow	900 m³/h	1,010 m³/h
Filter surface	1 m²	1.1 m²
Hose connection Ø	100 mm	100 mm
Chip bag capacity	65 l	90 l
Rated input power	0.55 kW	0.75 kW
Weight	22 kg	24 kg
Cable length	3 m	–

Scope of delivery

Order no.	601205	0130170100
Suction hose 100 x 2500 mm	■	■
Filter bag made of needle felt	■	■
Chip collection bag	■	■

Product advantages

- Integrated grounding as protection from electrostatic charge
- Raw air extraction device for (semi) stationary wood processing machines (observe country-specific regulations!)
- Significantly reduces dust content
- Filter material of dust class L
- Quick change of the application location by means of wheeled unit and simple connection
- Stable stand with supported chip bag
- Comprehensive range of accessories: automatic switch-on devices, filter cartridges, hoses and adapters

System components

Accessories → 470





Technical data	Chip and Dust Extraction Unit SPA 2002 W	Chip and Dust Extraction Unit SPA 2002 D
Dimensions	1,178 x 650 x 1,973 mm	1,178 x 650 x 1,973 mm
Maximum vacuum	2,124 Pa	2,124 Pa
Maximum volume flow	790 m³/h	790 m³/h
Filter surface	4.1 m²	4.1 m²
Hose connection Ø	100 mm	100 mm
Chip bag capacity	135 l	135 l
Rated input power	1.1 kW	1.5 kW
Weight	114 kg	116 kg

Scope of delivery

Order no.	0130200100	0130200110
Suction hose 100 x 2500 mm	■	■

Product advantages

- High torque three-phase motor
- Raw air extraction device, meets the purity and safety requirements of the regulation GS-HO-07
- User safety thanks to permanent compliance with only 0.1 mg/m³ residual dust content (dust class M)
- Released for commercial use
- For connection to stationary and semi-stationary woodworking machines
- Optimum volume flow and vacuum for maximum performance
- Cyclone technology goes easy on the filter for extended maintenance intervals
- Manometer for monitoring the minimum air volume flow
- Easy and effective filter cleaning, even during operation
- Stable stand with supported chip bag
- Wheeled collection container for easy transport of the chips
- Release lever for quick changing of dust sack
- Window for checking fill level of bin
- Comprehensive range of accessories: automatic switch-on devices, filter cartridges, hoses and adapters

System components

Accessories → 470

Auto switch-on devices

- Automatic power on/off of the chip and dust extraction unit after the wood processing machine has been switched on or off
- Time-delayed: in this way, even residual dust is extracted

		Order no.
	**Auto switch-on device ALV 1** 2 Alternating current sockets (230 V) 200 VA - 2300 VA IP 44 340 g Mains Voltage 220-240 V Mains frequency: 50 - 60 Hz Dimensions: 158 x 116 x 60 mm suitable for: SPA 1000, SPA 1100, SPA 1701 W, SPA 2001 W, SPA 1101, SPA 1702 W, SPA 2002 W, SPA 1200	0913014626
	**Auto switch-on device ALV 10** 2 Alternating current sockets (230 V) 2 Three-phase sockets (400 V) Mains connection with phase inverter Mains voltage: 220-240 V / 380-400 V 4 Screwing options M5 x 7.2 mm IP 44 Mains voltage: 230/400 V Mains frequency: 50 - 60 Hz Fuse protection: T 16 A Dimensions: 235 x 106 x 155 mm suitable for: SPA 1000, SPA 1700 D, SPA 2000 D, SPA 1100, SPA 1701 W, SPA 2001 W, SPA 2001 D, SPA 1101, SPA 1702 W, SPA 2002 W, SPA 2002 D, SPA 1200	0913014634

Filter cartridges



- Filters the finest dust particles

	Order no.
Filter cartridge Filter area 5.2 m² Ø 327 x 857 mm Corresponds to dust class M suitable for: SPA 1000, SPA 1100, SPA 1101	0913005058
Filter cartridge Filter area 5.2 m² Ø 327 x 857 mm Corresponds to dust class M suitable for: SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 1200	0920016529
Filter cartridge Assortment pack of pocket filters with mounted filter plate (as spare) Corresponds to dust class M suitable for: SPA 2001 W, SPA 2001 D, SPA 2002 W, SPA 2002 D	0913059441

Chip collection bags



	Order no.
Chip collection bag 480 x 806 mm, 120 µ , transparent suitable for: SPA 1000, SPA 1100, SPA 1101 Sales unit: 1	0913007123
Chip collection bag 613 x 1180 mm, 120 µ , transparent suitable for: SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 1200 Sales unit: 1	0913017617
Chip collection bag 785 x 1290 mm, 150 µ , transparent suitable for: SPA 2000 D Sales unit: 1	0913013581

	Order no.
Chip collection bag 854 x 1320 mm, 200 µ , transparent suitable for: SPA 2001 W, SPA 2001 D, SPA 2002 D, SPA 2002 W Sales unit: 1	0913059433
Dust bags Chip bags as replacement for the EOB 9228 suitable for: AG 2416 Sales unit: 10	630896000
Dust bags particularly tear-resistant and robust suitable for: AG 2417 Sales unit: 5	631756000

Suction hoses, Ø 100 mm



Length m	Diameter mm	Order no.
5	100	7854112915
10	100	7854115035
2.5	100	630895000

Hose connection sets, Ø 100 mm



- For the length extension of the standard hose of the chip and dust extraction units
- Including adapter and transition ring

	Order no.
Hose connection set Length: 2.5 m suitable for: SPA 1000, SPA 1100, SPA 1101, SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 1200	0913010779
Hose connection set Length: 2 m Low flammability with inserted earth cable suitable for: SPA 2000 D, SPA 2001 W, SPA 2001 D, SPA 2002 D, SPA 2002 W	0913013565

Suction adapters

		Order no.
	**Suction adapter KGS** For connecting the crosscut and mitre saws to the Metabo all-purpose vacuum cleaner suitable for: KGS 255, KGS 301, KGS 303, KGS 305, KGT 300	0910059955*
	**Suction adapter Multi** For the connection of crosscut and mitre saws and mobile table saws For KGS 303 only with chip and dust extraction unit order no. 0910057561 suitable for: SPA 1000, SPA 1100, SPA 1101, SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 2000 D, SPA 2001 D, SPA 2001 W, SPA 2002 D, SPA 2002 W, SPA 1200	0910058010*
	**Suction adapter** For the connection of wet/dry vacuum cleaners to the wood processing machines suitable for: SPA 1000, SPA 1100, SPA 1101, SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 2000 D, SPA 2001 D, SPA 2001 W, SPA 2002 D, SPA 2002 W, SPA 1200	0910031260*
	**Universal adapter** As a coupling for transition ring or extraction nozzle DH 330 As a hose connection for the cleaning nozzle suitable for: SPA 1000, SPA 1100, SPA 1101, SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 2000 D, SPA 2001 D, SPA 2001 W, SPA 2002 D, SPA 2002 W, SPA 1200	0913031288

Diversions

		Order no.
	**Diversion** For connecting 2 hoses to the chip and dust extraction unit suitable for: SPA 1000, SPA 1100, SPA 1101, SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 2000 D, SPA 2001 D, SPA 2001 W, SPA 2002 D, SPA 2002 W, SPA 1200	0913031296

Nozzles

		Order no.
	**Cleaning nozzle** For cleaning floors and machines suitable for: SPA 1000, SPA 1100, SPA 1101, SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 2000 D, SPA 2001 D, SPA 2001 W, SPA 2002 D, SPA 2002 W, SPA 1200	0913031270

Transition rings

		Order no.
	**Transition ring** As a coupling for the universal adapter and for the diversion Supplied as standard with all chip and dust extraction units suitable for: SPA 1000, SPA 1100, SPA 1101, SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 2000 D, SPA 2001 D, SPA 2001 W, SPA 2002 D, SPA 2002 W, SPA 1200	0913031300*
	**Reducing sleeve** Required for connecting the dust extractor to the Magnum TK 1066 and TKU 225 machines	630841000*

*Self-service packaging



Other Power Tools







Technical data	Hot Air Gun H 16-500	Hot Air Gun HE 20-600	Hot Air Gun HE 23-650 Control
Air volume	240 / 450 l/min	150 / 300 / 500 l/min	150 - 250 / 150 - 500 / 500 l/min
Number of air volume levels	2	3	infinitely variable
Air temperature	300 / 500 °C	50 / 50 - 600 °C	50 / 50 - 650 °C
Number of air temperature levels	2	infinitely variable	infinitely variable
Rated input power	1,600 W	2,000 W	2,300 W
Weight (without mains cable)	0.6 kg	0.7 kg	0.9 kg
Cable length	2.2 m	2.2 m	4 m
Order no.	**601650** [1]	**602060** [1]	**602365** [1]

[1] also available in 120 V (North/Latin America)

Product advantages

- Quick and easy temperature setting via thumbwheel control
- Particularly suited for temperature-sensitive materials thanks to precise control of air volume and temperature
- Efficient working with four preset, adjustable programmes

- Wide range of uses: removal of varnish, shaping, crimping, welding and much more
- High-quality ceramic heating, powerful motor and optimum device cooling for long service life
- Ergonomic design including handle with non-slip soft-grip surface provides comfortable handling
- Safe stationary application due to large non-slip stand surface

System components

Accessories → 475

Nozzles

	Order no.
 **Wide jet nozzle, 50 mm** ■ For drying and for removing paint suitable for H 16-500, HE 20-600, HE 23-650 Control, H 1600, HE 2000, HE 2300 Control	630001000*
 **Wide jet nozzle, 75 mm** ■ Stripping old paint from larger surfaces suitable for H 16-500, HE 20-600, HE 23-650 Control, H 1600, HE 2000, HE 2300 Control	630002000*
 **Deflector nozzle, 75 mm** ■ For removing old paint on window frames, for waxing and de-waxing skis suitable for H 16-500, HE 20-600, HE 23-650 Control, H 1600, HE 2000, HE 2300 Control	630003000*
 **Wrap around nozzle** ■ For warming plastic tubes etc. prior to bending and shaping; shrinking on shrink-fit plastic sleeves, (e.g. on cable ends) suitable for H 16-500, HE 20-600, HE 23-650 Control, H 1600, HE 2000, HE 2300 Control	630004000*
 **Reducing nozzle, 20 mm** ■ For spot-heating e.g. soldering and welding suitable for H 16-500, HE 20-600, HE 23-650 Control, H 1600, HE 2000, HE 2300 Control	630022000*
 **Reducing nozzle 9 mm** ■ For attaching the slit nozzle 630006000 and the welding nozzle 630007000. Also suitable for spot-heating, (e.g. soldering and welding) ■ For hot air guns with electronics only suitable for HE 20-600, HE 23-650 Control, HE 2000, HE 2300 Control	630005000*
 **Slit nozzle** ■ For overlap-welding of PVC tarpaulins and sheeting ■ The reducing nozzle 630005000 is required to fit the nozzle ■ For hot air guns with electronics only suitable for HE 20-600, HE 23-650 Control, HE 2000, HE 2300 Control	630006000*
 **Welding nozzle** ■ For working with plastic welding wire (up to diameter 5 mm!) ■ The reducing nozzle 630005000 is required to fit the welding nozzle. ■ For hot air guns with electronics only suitable for HE 20-600, HE 23-650 Control, HE 2000, HE 2300 Control	630007000*

*Self-service packaging







Technical data	Staplers Ta E 2019	Stapler Ta E 3030	Stapler Ta M 3034
Maximum pulse string	20 /min	20 /min	20 /min
Length staples (4 mm wide)	12 - 18 mm	18 - 30 mm	18 - 30 mm
Length staples (10 mm wide)	8 - 18 mm	–	–
Length flat wire staples, (10 mm wide)	8 - 14 mm	–	–
Length nails	19 mm	16 - 30 mm	16 - 30 mm
Weight (without mains cable)	1.4 kg	1.8 kg	1.8 kg
Cable length	2.6 m	2.6 m	4 m

Scope of delivery

Order no.	602019	603030	603034
Universal magazine for all commercial staples and nails	■		
Magazine for 4 mm wide (up to 30 mm long) staples and 16-30 mm long nails		■	■
3 front plates	■		
Rubber protective shoe		■	■

Product advantages

- Also suitable for handling flat wire staples
- Reshaping feature for incompletely driven in fasteners

- Reshaping feature for incompletely driven in fasteners
- Rubber protective shoe to prevent pressure marks

- Complete driving in of fasteners by virtue of electronically controlled multiple impact device
- Rubber protective shoe to prevent pressure marks

- For processing staples, nails, shaped wood claws and groove clutches
- Impact power control for setting the impact depth
- Tappet with nut for specific placing of stapler
- Protection against unintentional trigger use

System components

Accessories → 477

Staples type 4, 4 mm wide



- Narrow crown staples to fix panels and wood profiles

Width mm	Length mm	Stainless	Suitable for	Sales unit	Order no.
4	12		Ta E 2019	2,000	630901000*
4	15		Ta E 2019	2,000	630902000*
4	18		Ta E 2019, Ta E 3030, Ta M 3034	2,000	630903000*
4	18	■	Ta E 2019, Ta E 3030, Ta M 3034	2,000	630909000*
4	23		Ta E 3030, Ta M 3034	2,000	630904000*
4	26		Ta E 3030, Ta M 3034	2,000	630905000*
4	26	■	Ta E 3030, Ta M 3034	2,000	630910000*
4	30		Ta E 3030, Ta M 3034	2,000	630906000*

Staples type 53, 10 mm wide



- Fine wire staples to fix material and fabric

Width mm	Length mm	Suitable for	Sales unit	Order no.
10	8	Ta E 2019	1,000	630570000*
10	10	Ta E 2019	1,000	630571000*
10	12	Ta E 2019	1,000	630572000*
10	14	Ta E 2019	1,000	630573000*
10	18	Ta E 2019	1,000	630574000*

Flat wire staples type 53 F, 10 mm wide



- Flat wire staples to fix films

Width mm	Length mm	Suitable for	Sales unit	Order no.
10	8	Ta E 2019	2,000	630576000*
10	10	Ta E 2019	2,000	630577000*
10	14	Ta E 2019	2,000	630578000*

Nails



- Nails to fix skirtings and other wood fixtures

Length mm	Suitable for	Sales unit	Order no.
16	Ta E 3030, Ta M 3034	1,000	630592000*
19	Ta E 2019, Ta E 3030, Ta M 3034	1,000	630593000*
25	Ta E 3030, Ta M 3034	1,000	630907000*
30	Ta E 3030, Ta M 3034	1,000	630908000*

Rubber protective shoe

	Order no.
Rubber protective shoe As replacement for the staplers Ta E 3030, Ta M 3034	631053000

*Self-service packaging



Technical data	Glue Gun KE 3000
Glue stick Ø	11 mm
Maximum adhesive output	18 g/min
Warm up time	approx. 6 min
Processing temperature	about 200 °C
Weight (without mains cable)	0.25 kg
Cable length	1.9 m

Scope of delivery

Order no.	618121
Hot-melt type glue stick (200 mm long, transparent)	■

Product advantages

- Universal application for hot gluing of wood, plastic, cardboard, glass ceramic, stone, textile, cork, leather, metal etc.
- Also suitable for sealing and joining and for repairs with hot-melt type adhesive
- Exact dosage by means of mechanical glue supply
- Optimum processing of the glue by means of PTC heating elements for constant temperature
- Strap and support surface on housing for safe stop after use
- Clean working without dripping by means of anti-drip nozzle

Hot-melt type glue sticks, light yellow



- For gluing wood, cardboard, leather, etc. (firm glue joints after just brief pressing time)
- Setting time measured for a 3 mm thick bead of glue on wood at 20 °C

Colour	Open time of adhesive Seconds	Weight kg	Order no.
Light yellow	approx. 25	0.5	630887000*
Light yellow	approx. 25	20	630891000

Hot-melt type glue sticks, transparent



- Also suitable for gluing plastics (e.g. polystyrene, polyester and polyamide), fabrics, etc. (strong, elastic glue joints)

Colour	Open time of adhesive Seconds	Weight kg	Order no.
transparent	approx. 35	0.5	630886000*
transparent	approx. 35	20	630889000

Additional nozzles

	Order no.
■ Consisting of threaded bush and 2 nozzles (crevice nozzle and round nozzle) for screwing into the threaded bush	630885000*



*Self-service packaging







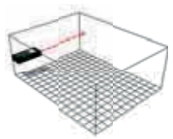
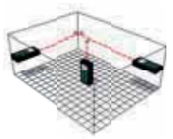
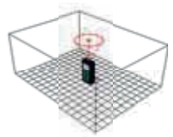


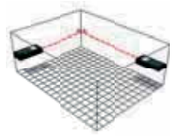
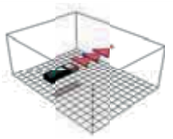
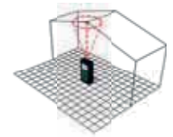


Measuring Technology

Laser Distance Meters

Take measurements accurate to the millimetre at the touch of a button: With the handy laser distance meters from Metabo you can take quick, precise measurements on your construction site and thus save time and money. There are different functions available for different applications. Apart from length, width and height of rooms you can also calculate sections, volumes or areas by combining the measurement data. In no time at all you will be able to determine your material requirements and create customised offers in a fast and simple manner.

	Function	Applications
	Length	
	Determine the distance with one measurement	■ Room length
	Volume	
	Determine the volume with 3 measurements	■ Layout of heating systems / air conditioning systems
	Minimum tracking	
	Continuous measurement to determine the shortest distance between 2 points	■ Installation of doors / windows
	Pythagoras 1	
	Determination of a distance (height) with 2 auxiliary measurements	■ Windows ■ Walls

	Function	Applications
	Area	
	Determine the area with 2 measurements	■ Area calculation e.g. for paint requirements ■ Drawing up of a floor plan
	Continuous measurement (tracking)	
	Continuous measurements e.g. to monitor positions	■ Marking of welding points ■ Setting up furniture / positioning
	Maximum tracking	
	Continuous measurement to determine the longest distance between 2 points (e.g. maximum diagonal measurement)	■ Verify the squareness and perpendicular characteristics of the room (space diagonal)
	Pythagoras 2	
	Determine a distance (height/width) with 3 auxiliary measurements	■ Windows ■ Walls ■ Houses (setting up scaffolding)

Which laser distance meter for which application?

Function	Length	Area	Volume	Continuous measurement
LD 30	■	■	■	■
LD 60	■	■	■	■

Function	Minimum tracking	Maximum tracking	Pythagoras 1	Pythagoras 2
LD 30				
LD 60	■	■	■	■







Technical data	Laser Distance Meter LD 30	Laser Distance Meter LD 60
Laser class	2	2
Wavelength	635 nm	635 nm
Light output	< 1 mW	< 1 mW
Measurement range	0.2 - 30 m	0.05 - 60 m
Measuring accuracy	± 3 mm	± 1.5 mm
Number of measurements per battery charge	5,000	5,000
Protection type IP	IP 54	IP 40
Weight (with batteries)	0.1 kg	0.11 kg
Laser functions	Length, area, volume, continuous measurement (tracking)	Length, area, volume, continuous measurement (tracking), Pythagoras 1, Pythagoras 2, minimum tracking, maximum tracking

Scope of delivery

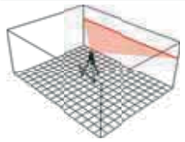
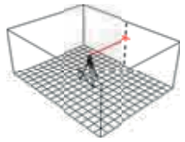
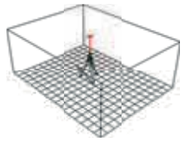
Order no.	606162	606163
Belt pouch	■	■
2 Batteries AAA 1.5 V (LR03)	■	■

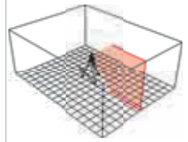
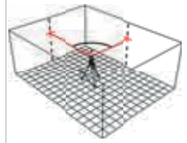
Product advantages

- LC display with large digits for good legibility
- Illuminated LC display for good readability, even in poor light conditions
- Signal tone after measurement to avoid errors
- Flexible application range by switching the measurement reference (front / rear)
- Quick measurements and simple operation
- Certified according to ISO 16331-1: guaranteed measurement quality for accuracy and range
- Handy, robust device with impact-proof housing and soft grip material
- Energy-saving thanks to automatic shutdown

Point and Line Lasers

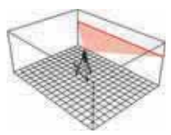
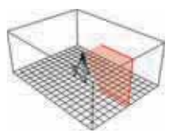
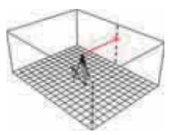
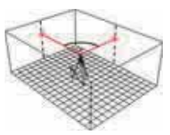
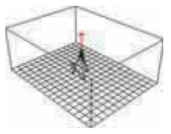
The first step for a perfect interior development is precise measurements. With the point and line lasers from Metabo you can ensure accuracy on the construction site. The compact devices facilitate workflows, save time and costs, and increase productivity. The robust measuring instruments project horizontal and vertical lines or plumb-lines on walls, ceilings, and floors. At the touch of a button you can create for example the contours of a drywall with an almost complete 360° vertical line or facilitate the laying of tiles with up to 15 metre long right-angled laser lines on the subsurface. Our point and line lasers are the ideal robust and splash-proof aid for precise planning on construction sites.

	Function	Applications
	Horizontal line	
	Laser projects a horizontal line onto the wall	Horizontal levelling: ■ Create tiled sections ■ Suspend ceilings ■ Levelling window heights ■ Installing kitchens
	Point function	
	Laser beam becomes visible as a point on a targeted area	■ Position intermediate / partition walls ■ Setup of carports ■ Layout work
	Plumb-line function	
	Laser projects a defined point from the floor to the ceiling	■ Lighting designs ■ Install staircases

	Function	Applications
	Vertical line	
	Laser projects a vertical line onto the wall, floor and ceiling	Vertical levelling: ■ Installation of intermediate / partition walls ■ Cable installation ■ Wallpapering
	Right angle (90°)	
	Laser beams are transmitted at a 90° angle	■ Create and transfer tiled sections ■ Verification of perpendicular aspects of the room ■ Layout creation



Which point and line laser for which application?

Function	 Line horizontal	 Vertical line	 Point function	 Right angle (90°)	 Plumb-line function
PL 5-30			■	■	■
BLL 2-15				■	
KLL 2-20	■	■			■
MLL 3-20	■	■		■	■





Technical data	Point Laser PL 5-30	Floor Line Laser BLL 2-15
Laser class	2	2
Wavelength	635 nm	635 nm
Light output	< 1 mW	< 1 mW
Laser visibility in indoor areas	30 m	15 m
Levelling accuracy	± 0.3 mm/m	–
Self-levelling range	± 4.5 °	–
Straightness of lines	–	± 0.3 mm/m
Accuracy 90° angle	± 0.2 mm/m	± 0.3 mm/m
Operating time per battery charge	20 h	20 h
Protection type IP	IP 54	IP 54
Weight (with batteries)	0.53 kg	0.34 kg
Laser functions	Point function, right angle (90°), plumb-line function	Right angle (90°)
Number of lines	–	2
Number of points	5	–
Tripod thread	1/4"	–

Scope of delivery

Order no.	606164	606165
Target plate	■	■
Belt pouch	■	■
Wall bracket	■	
3 Batteries AA 1.5 V (LR6)	■	■

Product advantages

- Handy, robust device with impact-proof housing and soft grip material
- Self-levelling thanks to pendulum technology
- Protection and transport function: Laser in U-frame can be pivoted by 360° to protect the laser optics and pendulum
- Extendible foot for appropriate height adjustment of the laser
- Variable use of the laser: on the floor, mounted on a tripod, fastened to metal with magnet or fixed with metal lugs
- Rare earth magnet with V-groove for stable placement on metallic objects
- Problem solver for precise flooring jobs and layouts of any size
- Flexible work on tiles or level surfaces with dual purpose base with positioning claws
- Ideal shape for use in corners of rooms and to verify perpendicular surfaces
- No interruption due to unevenness thanks to the raised laser optics
- Precise, time-efficient working along the laser line for maximum productivity
- Vial aligned with the 90° angle for verification of the horizontal position of the laser
- LED display advises low energy level in advance

System components

Accessories → 485









Technical data	Cross Line Laser KLL 2-20	Multi-line Laser MLL 3-20
Laser class	2	2
Wavelength	635 nm	635 nm
Light output	< 1 mW	< 1 mW
Laser visibility in indoor areas	20 m	20 m
Levelling accuracy	± 0.3 mm/m	± 0.3 mm/m
Self-levelling range	± 4.5 °	± 4 °
Straightness of lines	± 0.2 mm/m	± 0.2 mm/m
Accuracy 90° angle	–	± 0.3 mm/m
Operating time per battery charge	20 h	10 h
Protection type IP	IP 54	IP 54
Weight (with batteries)	0.54 kg	0.98 kg
Laser functions	Horizontal line function, vertical line function, plumb-line function	Horizontal line function, vertical line function, right angle (90°), plumb-line function
Number of lines	2	3
Number of points	2	1
Tripod thread	1/4"	5/8"

Scope of delivery

Order no.	606166	606167
Target plate	■	■
Belt pouch	■	
Wall bracket	■	■
Laser goggles		■
3 Batteries AA 1.5 V (LR6)	■	
4 Batteries AA 1.5 V (LR6)		■
MetaLoc case		■

Product advantages

- Positioned directly against the wall, the laser generates an almost 360° vertical line
- Extendible foot for appropriate height adjustment of the laser
- 360° horizontal line for marking, alignment and levelling across the entire room
- Manual fine adjustment of the 90° angle of the vertical lines while maintaining the plumb point
- Stable aluminium upper housing to protect the horizontal laser optics
- Extendible foot for height adjustment, folding for direct placement against U profiles

- Handy, robust device with impact-proof housing and soft grip material
- Self-levelling thanks to pendulum technology
- Protection and transport function: Laser in U-frame can be pivoted by 360° to protect the laser optics and pendulum
- Variable use of the laser: on the floor, mounted on a tripod, fastened to metal with magnet or fixed with metal lugs
- Rare earth magnet with V-groove for stable placement on metallic objects
- Energy-saving power controls for each individual laser line
- LED display advises low energy level in advance

System components

Accessories → 485



Construction tripod — Order no. 628791000

- Multi-purpose aluminium construction tripod
- Ideal for working on the cutting check line
- Telescopic legs with quick locking and anti-splay stop
- Geared column with metric gauge for fine adjustment of height
- Removable tripod head for convenient setup
- Good stability thanks to non-slip rubber feet
- Adapter for connecting different devices
- Easy to transport thanks to carry strap and bag

Working height: 74 cm – 192 cm
Working height including extension piece: up to 265 cm
Connecting thread: 1/4" + 5/8"
Weight: 5 kg



Telescopic support — Order no. 628790000

- Variable positioning up to 290 cm
- Clamped at the touch of a button thanks to quick feed
- Rubberised boards permit use on slanted ceilings
- Ideal for laser measurement devices or site lights

Load capacity up to 60 kg
Connecting thread: 1/4" + 5/8"
Transport height: 145 cm
Weight: 2.5 kg



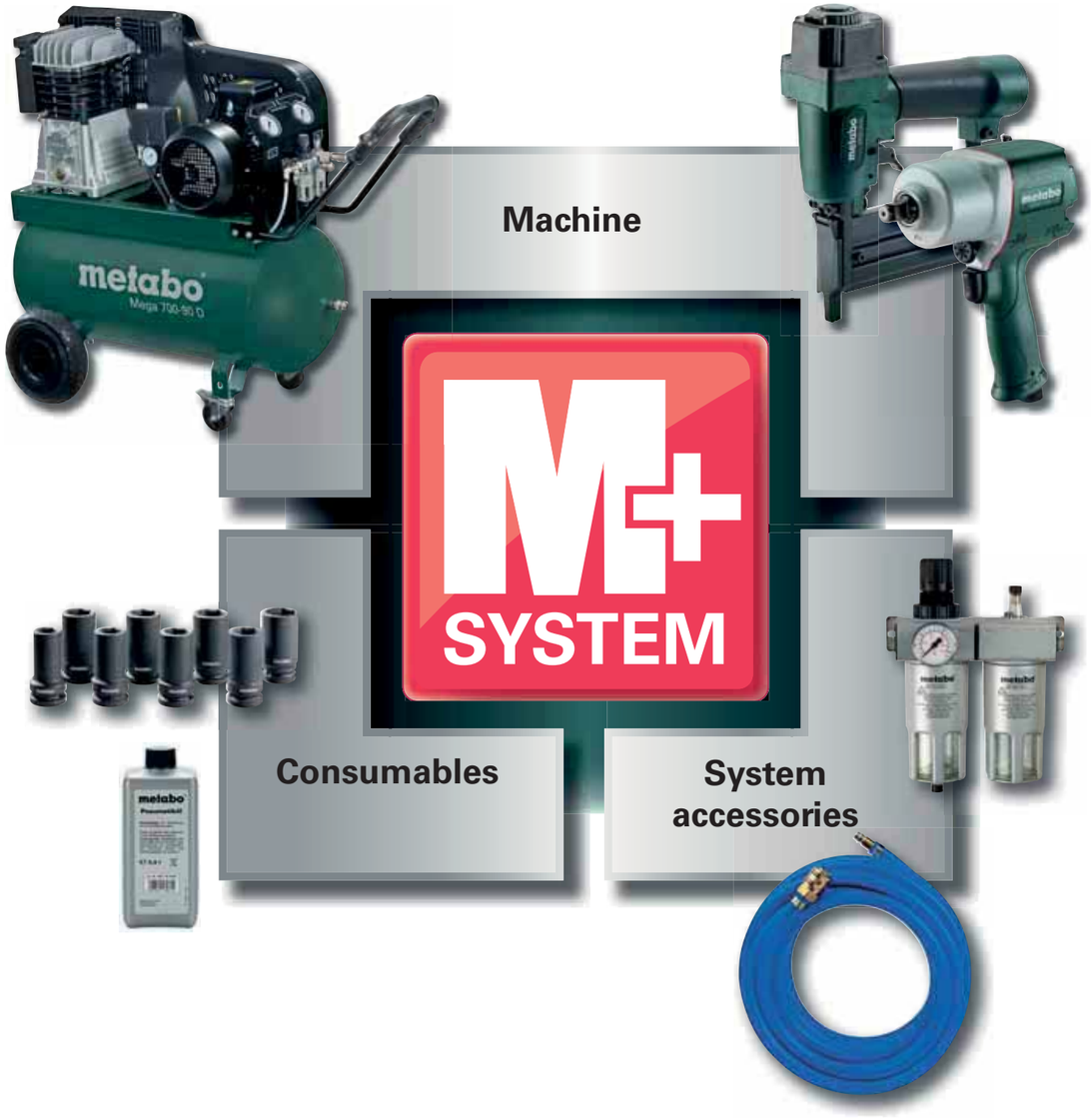
Compound slides — Order no. 628792000

- Precise, very accurate adjustment of laser devices in 4 directions
- Range: 5 cm to the left/right, 10 cm forwards/backwards
- Can be fixed directly on the tripod

Connecting thread: 1/4" + 5/8"
Weight: 0.66 kg

M+ System: Machine and accessories perfectly synchronised for maximum performance.

Even during the development phase at Metabo, machines and accessories are optimally adjusted and tested to complement one another. Your added benefit: Maximum performance thanks to Metabo + System effect.







13







Compressors
Compressed Air Tools
Compressed Air Preparation
Compressed Air Distribution

Compressors

Which compressor for which tool?

Compressed air tools requiring cleaned, oiled compressed air	Type	Basic 250-24 W OF	Basic 250-24 W	Basic 250-50 W OF	Basic 250-50 W	Basic 280-50 W OF	Power 180-W OF	Power 250-10 W OF	Power 280-20 W OF	Power 400-20 W OF	Mega 400-50 W / D	Mega 350-50 W	Mega 350-100 W	Mega 350-100 D	Mega 350-150 D	Mega 550-90 D	Mega 700-90 D	Mega 520-200 D	Mega 580-200 D	Mega 650-270 D
Air Impact Wrench	DSSW 360 Set 1/2"			□	□	□				□	■	■	■	■	■	■	■	■	■	■
	DSSW 500-1/2"			□	□	□				□	■	■	■	■	■	■	■	■	■	■
	DSSW 930-1/2"			□	□	□				□	■	■	■	■	■	■	■	■	■	■
	DSSW 1690-3/4"															■	■	■	■	■
	DSSW 2440-1"															□	■	□	■	■
Air Ratchet Wrench	DRS 68 Set 1/2"			□	□	□					■	□	□	□	□	■	■	■	■	■
	DRS 35-1/4"			□	□	□					■	□	□	□	□	■	■	■	■	■
	DRS 95-1/2"			□	□	□					■	□	□	□	□	■	■	■	■	■
Air Screwdriver	DS 14										□	□	□	□	■	■	■	■	■	■
Air Drill	DB 10										□	□	□	□	■	■	■	■	■	■
Air Chipping Hammer	DMH 30 Set									□	□	□	□	□	□	■	■	■	■	■
	DMH 290 Set									□	□	□	□	□	□	■	■	■	■	■
Large Diameter Air Saw	DKS 10 Set										□	□	□	□	□	■	■	■	■	■
Air Die Grinder	DG 25 Set										□	□	□	□	■	■	■	■	■	■
	DG 700															□	■	□	■	■
	DG 700 L															□	■	□	■	■
	DG 700-90															□	■	□	■	■
Air Angle Grinder	DW 125															□	■	□	■	■
	DW 10-125 Quick															□	■	□	■	■
Air Band File	DBF 457															□	■	□	■	■
Air Disc Sander	DSX 150															□	■	□	■	■
Air Staple Gun / Nailer	DKNG 40/50	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Air Staple Gun	DKG 80/16	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	DKG 90/40	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	DKG 114/65	□	□	□	■	□		□	■	■	■	■	■	■	■	■	■	■	■	■
Air Pin Nailer	DPN 25	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Air Brad Nailers	DSN 50	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Air Grease Gun	DFP 400	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

Air tools requiring cleaned, oil-free, compressed air	Type	Basic 250-24 W OF	Basic 250-24 W	Basic 250-50 W OF	Basic 250-50 W	Basic 280-50 W OF	Power 180-W OF	Power 250-10 W OF	Power 280-20 W OF	Power 400-20 W OF	Mega 400-50 W	Mega 400-50 D	Mega 350-50 W	Mega 350-100 W	Mega 350-100 D	Mega 350-150 D	Mega 550-90 D	Mega 700-90 D	Mega 520-200 D	Mega 580-200 D	Mega 650-270 D
Paint Spray Gun	FSP 100	□	□	□	□	■		□	■	■	■	■	■	■	■	■	■	■	■	■	■
	FSP 600	□	□	□	□	■			■	■	■	■	■	■	■	■	■	■	■	■	■
	FSP 1000 S	□	□	□	□	■			■	■	■	■	■	■	■	■	■	■	■	■	■
	FSP 600 HVLP			□		■			■	■	■	■	■	■	■	■	■	■	■	■	■
	FSP 600 LVLP	□	□	□	□	■		□	■	■	■	■	■	■	■	■	■	■	■	■	■
Sand Blasting Gun	SSP 1000																□	■	□	■	■
Spray Gun	SPP 1000	□	□	□	□	■			■	■	■	■	■	■	■	■	■	■	■	■	■
Combi Spray Gun	UBS 1000					□			■	■	■	■	■	■	■	■	■	■	■	■	■
Air Cartridge Gun	DKP 310	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Tyre Inflation & Pressure Gauge	RF 60	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	RF 60 G	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	RF 80 G	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	RF 80 D	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Blow Gun	BP 10	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	BP 210	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	BP 200	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	BP 500	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Blow Gun Aluminium	BPA 15	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	BPA 15 S	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Air Tool Set	LPZ 4 Set	□	□	□	□	■			■	■	■	■	■	■	■	■	■	■	■	■	■
	LPZ 7 Set	□	□	□	□	■			■	■	■	■	■	■	■	■	■	■	■	■	■

■ = good suitability/ for continuous use of one tool per compressor
□ = limited suitability/for short use

Robust, Powerful, Reliable: Metabo's Compressor Classes

We are well experienced with different compressor applications, and offer the appropriate model to suit every application. This way you can select the compressor that best suits your personal requirements! Our range spans from the light and compact basic models, through to the handy and mobile power class, and on to the extremely powerful mega compressors for more demanding applications. Your application is the decisive factor.

Belt Drive
for low speeds and particularly quiet operation

High-quality Condor pressure switch
with pressure regulator and start-up relief valve.



Long transport handle
with integrated cable winder

Filter pressure reducer with manometer and oil-mist lubricator
for adjustable, application-based operating pressure, and ideal air quality

Easy access
to the condensation outlet

Robust wheels and castors
for optimum transport and safe positioning thanks to locking brake

Mega 700-90 D



Light and Compact: The Basic Class
Compact and light starter models for simple, industrial applications



For demanding construction site use: The Power class
Compact and mobile piston compressors for flexible use both for interior development and on construction sites thanks to large wheels and trolley function



Powerful and comfortable: The Mega class
Particularly powerful, V-belt-driven compressors for professional use in the workshop





Technical data	Compressor Basic 250-24 W OF	Compressor Basic 250-24 W
Suction rate	220 l/min	200 l/min
Filling capacity	120 l/min	110 l/min
Effective delivery volume (at 80% max. pressure)	100 l/min	95 l/min
Maximum pressure	8 bar	8 bar
Rated input power	1.5 kW / 2 HP	1.5 kW / 2 HP
Maximum speed	2,850 /min	2,850 /min
Tank capacity	24 l	24 l
Sound pressure level (LpA)	82 dB(A)	81 dB(A)
Sound power level (LwA)	97 dB(A)	97 dB(A)
Dimensions	620 x 340 x 580 mm	620 x 340 x 580 mm
Weight	24 kg	27 kg
Cable length	1.5 m	1.5 m
Scope of delivery		
Order no.	**601532**	**601533**
Universal quick-action coupling	■	■
Pull handle with rubber-grip	■	■

Product advantages

- Oil-free piston condenser: simple transportation and reduced service requirements
- Oil-lubricated Piston Condenser
- Powerful, robust compressor for simple, commercial use
- For single phase alternating current
- Operating pressure can be regulated according to application by means of a pressure reducer and manometer
- Convenient pressure switch for good cold starting, complete with relief valve
- Overload protection: protects the motor from overheating
- Rubberised, stable wheels for mobile use
- Additional manometer for displaying the tank pressure
- Rubber-coated handle for comfortable handling
- 10 years tank warranty against rust

System components

Accessories → 525











Technical data	Compressor Basic 250-50 W OF	Compressor Basic 250-50 W	Compressor Basic 280-50 W OF
Suction rate	220 l/min	200 l/min	280 l/min
Filling capacity	120 l/min	110 l/min	140 l/min
Effective delivery volume (at 80% max. pressure)	100 l/min	95 l/min	130 l/min
Maximum pressure	8 bar	8 bar	8 bar
Rated input power	1.5 kW / 2 HP	1.5 kW / 2 HP	1,7, kW / 2.5 HP
Maximum speed	2,850 /min	2,850 /min	2,850 /min
Tank capacity	50 l	50 l	50 l
Sound pressure level (LpA)	82 dB(A)	81 dB(A)	85 dB(A)
Sound power level (LwA)	97 dB(A)	97 dB(A)	97 dB(A)
Dimensions	780 x 400 x 625 mm	780 x 400 x 625 mm	770 x 386 x 662 mm
Weight	29 kg	32 kg	30 kg
Cable length	1.5 m	1.5 m	1.5 m
Scope of delivery			
Order no.	**601535**	**601534**	**601529**
Universal quick-action coupling	■	■	■
Pull handle with rubber-grip	■	■	■

Technical data	Compressor Power 180-5 W OF	Compressor Power 250-10 W OF
Suction rate	160 l/min	220 l/min
Filling capacity	90 l/min	120 l/min
Effective delivery volume (at 80% max. pressure)	75 l/min	100 l/min
Maximum pressure	8 bar	10 bar
Rated input power	1,1, kW / 1.5 HP	1.5 kW / 2 HP
Maximum speed	2,850 /min	2,850 /min
Tank capacity	5 l	10 l
Sound pressure level (LpA)	82 dB(A)	84 dB(A)
Sound power level (LwA)	96 dB(A)	97 dB(A)
Dimensions	370 x 395 x 286 mm	470 x 480 x 348 mm
Weight	16 kg	24 kg
Cable length	4 m	4 m
Scope of delivery		
Order no.	**601531**	**601544**
Universal quick-action coupling	■	
2 Universal quick-action couplings		■

Product advantages

- Oil-free piston condenser: simple transportation and reduced service requirements
- No testing required before initial operation

- Oil-lubricated Piston Condenser

- Oil-free piston condenser: simple transportation and reduced service requirements
- No testing required before initial operation

- Powerful, robust compressor for simple, commercial use
- For single phase alternating current
- Operating pressure can be regulated according to application by means of a pressure reducer and manometer
- Convenient pressure switch for good cold starting, complete with relief valve
- Overload protection: protects the motor from overheating
- Rubberised, stable wheels for mobile use
- Additional manometer for displaying the tank pressure
- Rubber-coated handle for comfortable handling
- 10 years tank warranty against rust

Product advantages

- Crane eyelet for safe and easy transport on the construction site

- Compact and mobile piston compressor for flexible use both for interior development and on construction sites
- Portable assembly compressor – ideal for tackers and nails as well as for splitting pipes
- For single phase alternating current
- Oil-free piston condenser: simple transportation and reduced service requirements
- Instrument panel with easy to read manometer for tank- and operating pressure
- Operating pressure can be regulated according to application by means of a pressure reducer and manometer
- Fittings and control elements protected in tubular frames and clearly visible
- Cable winding mechanism
- Convenient pressure switch for good cold starting, complete with relief valve
- Overload protection: protects the motor from overheating
- Rubberised feet for optimum stability

System components

Accessories → 525

System components

Accessories → 525









Technical data	Compressor Power 280-20 W OF	Compressor Power 400-20 W OF
Suction rate	280 l/min	330 l/min
Filling capacity	150 l/min	200 l/min
Effective delivery volume (at 80% max. pressure)	140 l/min	185 l/min
Maximum pressure	10 bar	10 bar
Rated input power	1.7 kW / 2.5 HP	2.2 kW / 3 HP
Maximum speed	2,850 /min	1,400 /min
Tank capacity	20 l	20 l
Sound pressure level (LpA)	83 dB(A)	78 dB(A)
Sound power level (LwA)	97 dB(A)	95 dB(A)
Dimensions	580 x 600 x 500 mm	580 x 600 x 500 mm
Weight	40 kg	47 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	601545	601546
2 Universal quick-action couplings	■	■

Product advantages

- Particularly low-level noise and vibrations
- Designed for continuous mode with S1 motor operating mode

- Compact and mobile piston compressor for flexible use both for interior development and on construction sites
- For single phase alternating current
- Oil-free piston condenser: simple transportation and reduced service requirements
- Operating pressure can be regulated according to application by means of a pressure reducer and manometer
- Fittings and control elements protected in tubular frames and clearly visible
- Rubberised, stable wheels and pull handle for mobile use
- Cable winding mechanism
- Convenient pressure switch for good cold starting, complete with relief valve
- Overload protection: protects the motor from overheating
- Rubberised feet for optimum stability
- Attachment and transport option for Metaloc and other common storage case systems
- Crane eyelet for safe and easy transport on the construction site

System components

Accessories → 525

Technical data	Compressor Mega 400-50 W	Compressor Mega 400-50 D
Suction rate	400 l/min	400 l/min
Filling capacity	300 l/min	300 l/min
Effective delivery volume (at 80% max. pressure)	260 l/min	260 l/min
Maximum pressure	10 bar	10 bar
Rated input power	2.2 kW / 3 HP	2.2 kW / 3 HP
Maximum speed	1,050 /min	1,050 /min
Tank capacity	50 l	50 l
Sound pressure level (LpA)	86 dB(A)	86 dB(A)
Sound power level (LwA)	93 dB(A)	93 dB(A)
Dimensions	1,050 x 410 x 817 mm	1,050 x 410 x 817 mm
Weight	73 kg	73 kg
Cable length	1.5 m	1.5 m

Scope of delivery

Order no.	601536	601537
3 Universal couplings	■	■

Product advantages

- For single phase alternating current
- For three-phase current

- More powerful and robust V-belt compressor for demanding use
- Belt drive for low speeds and a particularly quiet operation
- Oil-lubricated Piston Condenser
- Operating pressure can be regulated according to application and air quality improved thanks to the filter pressure reducer with manometer and oil-mist lubricator
- Convenient pressure switch for good cold starting, complete with relief valve
- Additional manometer for displaying the tank pressure
- Overload protection: protects the motor from overheating
- Instrument panel with easy to read manometer for tank- and operating pressure
- Large, rubberised wheels for comfortable transport
- Steering castors with locking brake for high manoeuvrability
- Cable winding mechanism
- Ergonomic and long pull handle with integrated cable winder
- 10 years tank warranty against rust

System components

Accessories → 525






Technical data	Compressor Mega 350-50 W	Compressor Mega 350-100 W	Compressor Mega 350-100 D	Compressor Mega 350-150 D
Suction rate	320 l/min	320 l/min	320 l/min	320 l/min
Filling capacity	250 l/min	250 l/min	250 l/min	250 l/min
Effective delivery volume (at 80% max. pressure)	220 l/min	220 l/min	220 l/min	220 l/min
Maximum pressure	10 bar	10 bar	10 bar	10 bar
Rated input power	2.2 kW / 3 HP	2.2 kW / 3 HP	2.2 kW / 3 HP	2.2 kW / 3 HP
Maximum speed	1,350 /min	1,350 /min	1,350 /min	1,350 /min
Tank capacity	50 l	90 l	90 l	150 l
Sound pressure level (LpA)	86 dB(A)	86 dB(A)	86 dB(A)	86 dB(A)
Sound power level (LwA)	93 dB(A)	93 dB(A)	93 dB(A)	93 dB(A)
Dimensions	880 x 490 x 780 mm	1,000 x 410 x 900 mm	1,000 x 410 x 900 mm	1,380 x 420 x 950 mm
Weight	52 kg	69 kg	69 kg	85 kg
Cable length	1.5 m	1.5 m	1.5 m	1.5 m

Scope of delivery

Order no.	601589	601538	601539	601587
2 Universal couplings	■			
3 Universal couplings		■	■	■

Product advantages

- For single phase alternating current
- Operating pressure can be regulated according to application by means of a pressure reducer and manometer
- Rubberised feet for optimum stability

- For single phase alternating current
- Operating pressure can be regulated according to application by means of a filter pressure reducer with manometer

- For three-phase current
- Operating pressure can be regulated according to application by means of a filter pressure reducer with manometer

- For three-phase current
- Operating pressure can be regulated according to application by means of a filter pressure reducer with manometer

- More powerful and robust V-belt compressor for demanding use
- Belt drive for low speeds and a particularly quiet operation
- Oil-lubricated Piston Condenser
- Convenient pressure switch for good cold starting, complete with relief valve
- Additional manometer for displaying the tank pressure
- Overload protection: protects the motor from overheating
- Rubberised, stable wheels and pull handle for mobile use
- 10 years tank warranty against rust

System components

Accessories → 525




Technical data	Compressor Mega 550-90 D	Compressor Mega 700-90 D
Suction rate	510 l/min	650 l/min
Filling capacity	395 l/min	520 l/min
Effective delivery volume (at 80% max. pressure)	360 l/min	450 l/min
Maximum pressure	11 bar	11 bar
Rated input power	3 kW / 4 HP	4 kW / 5.5 HP
Maximum speed	1,400 /min	1,400 /min
Tank capacity	90 l	90 l
Sound pressure level (LpA)	87 dB(A)	88 dB(A)
Sound power level (LwA)	96 dB(A)	97 dB(A)
Dimensions	1,126 x 490 x 917 mm	1,188 x 520 x 1,110 mm
Weight	103 kg	119 kg
Cable length	1.5 m	1.5 m

Scope of delivery

Order no.	601540	601542
3 Universal couplings	■	■

Product advantages

- Re-cooler for less condensation water formation

- More powerful and robust V-belt compressor for demanding use
- Belt drive for low speeds and a particularly quiet operation
- Two-stage compression for particularly high performance and long service life
- For three-phase current
- Operating pressure can be regulated according to application and air quality improved thanks to the filter pressure reducer with manometer and oil-mist lubricator
- Convenient pressure switch for good cold starting, complete with relief valve
- Additional manometer for displaying the tank pressure
- Overload protection: protects the motor from overheating
- Oil-lubricated 2-cylinder piston condenser for high air supply volume
- Instrument panel with easy to read manometer for tank- and operating pressure
- Large, rubberised wheels for comfortable transport
- Steering castors with locking brake for high manoeuvrability
- Cable winding mechanism
- Ergonomic and long pull handle with integrated cable winder
- 10 years tank warranty against rust

System components

Accessories → 525







Technical data	Compressor Mega 520-200 D	Compressor Mega 580-200 D	Compressor Mega 650-270 D
Suction rate	490 l/min	510 l/min	650 l/min
Filling capacity	370 l/min	395 l/min	520 l/min
Effective delivery volume (at 80% max. pressure)	320 l/min	360 l/min	450 l/min
Maximum pressure	10 bar	11 bar	11 bar
Rated input power	3 kW / 4 HP	3 kW / 4 HP	4 kW / 5.5 HP
Maximum speed	1,300 /min	1,400 /min	1,400 /min
Tank capacity	200 l	200 l	270 l
Sound pressure level (LpA)	89 dB(A)	87 dB(A)	88 dB(A)
Sound power level (LwA)	96 dB(A)	96 dB(A)	97 dB(A)
Dimensions	1,500 x 450 x 960 mm	1,430 x 550 x 1,010 mm	1,530 x 600 x 1,160 mm
Weight	131 kg	136 kg	170 kg
Cable length	1.5 m	1.5 m	1.5 m

Scope of delivery

Order no.	601541	601588	601543
3 Universal couplings	■	■	■

Product advantages

- More powerful and robust V-belt compressor for demanding use
- Belt drive for low speeds and a particularly quiet operation
- For three-phase current
- Operating pressure can be regulated according to application by means of a filter pressure reducer with manometer
- Convenient pressure switch for good cold starting, complete with relief valve
- Additional manometer for displaying the tank pressure
- Overload protection: protects the motor from overheating
- Oil-lubricated 2-cylinder piston condenser for high air supply volume
- Rubberised, stable wheels and pull handle for mobile use
- 10 years tank warranty against rust

- Two-stage compression for particularly high performance and long service life

- Two-stage compression for particularly high performance and long service life
- Re-cooler for less condensation water formation

System components

Accessories → 525



Technical data	Air Impact Wrench DSSW 360 Set 1/2"
Operating pressure	6.2 bar
Air requirement	6 l/s
Square holder	1/2"
Loosening torque	360 Nm
Weight	2 kg

Scope of delivery

Order no.	604118
EURO Plug-in nipple 1/4"	■
ARO/Orion Plug-in nipple 1/4"	■
ISO Plug-in nipple 1/4"	■
Hose nozzle 10 mm and screw clamp according to ISO 11148	■
10 Socket wrenches (10, 11, 13, 14, 17, 19, 21, 22, 24, 27 mm)	■
Plastic carry case	■
Oil bottles	■
Extension	■

Product advantages

- Durable hammer impact mechanism
- For tightening car wheel bolts, for assembly work and repairs
- Robust impact wrench for changing tyres, repair and assembly work
- For different applications: 360 Nm loosening torque
- Ergonomically shaped, rubber-coated handle for comfortable and low-fatigue operation
- Exhaust guide with handle
- Change of direction of rotation clockwise/anticlockwise via control button
- Tightening torque adjustable to three levels

System components

Accessories → 502

NEW





Technical data	Air Impact Wrench DSSW 500-1/2" C	Air Impact Wrench DSSW 930-1/2"
Operating pressure	6.2 bar	6.2 bar
Air requirement	7 l/s	9 l/s
Square holder	1/2"	1/2"
Loosening torque	500 Nm	930 Nm
Weight	1.2 kg	1.8 kg

Scope of delivery

Order no.	601590	601549
EURO Plug-in nipple 1/4"	■	■
ARO/Orion Plug-in nipple 1/4"	■	■
ISO Plug-in nipple 1/4"	■	■
Hose nozzle 10 mm and screw clamp according to ISO 11148	■	■
Oil bottles	■	■

Product advantages

- Torque can be set at 4 levels for different tightening applications
- Torque can be set at 3 levels for different tightening applications

- For tightening car wheel bolts, for assembly work and repairs. Universal use
- Practical and lightweight for easy operation even in difficult to reach places
- Ergonomic composite housing: insulated non-slip and low vibration for comfortable work
- Ergonomic forward/reverse switching with convenient one-hand operation
- User-friendly exhaust guide through the handle avoids dust turbulence in the working area
- Durable twin hammer

System components

Accessories → 502





Technical data	Air Impact Wrench DSSW 1690-3/4"	Air Impact Wrench DSSW 2440-1"
Operating pressure	6.2 bar	6.2 bar
Air requirement	10.5 l/s	13 l/s
Square holder	3/4"	1"
Loosening torque	1,690 Nm	2,440 Nm
Weight	3.5 kg	7.3 kg

Scope of delivery

Order no.	601550	601551
EURO Plug-in nipple 1/2"		■
ARO/Orion Plug-in nipple 1/2"		■
ISO Plug-in nipple 1/2"		■
EURO Plug-in nipple 3/8"	■	
ARO/Orion Plug-in nipple 3/8"	■	
ISO Plug-in nipple 3/8"	■	
Hose nozzle 10 mm and screw clamp according to ISO 11148	■	■
Oil bottles	■	■

Product advantages

- For tightening/loosening wheel bolts on cars and commercial vehicles, for assembly work and repairs. Universal use
- Practical and lightweight for easy operation even in difficult to reach places
- Ergonomic composite housing: insulated non-slip and low vibration for comfortable work
- Ergonomic forward/reverse switching with convenient one-hand operation
- User-friendly exhaust guide through the handle avoids dust turbulence in the working area
- Torque can be set at three levels for different tightening applications

- Large front handle for an ergonomic working position
- Extended drive stem for tightening / loosening jobs on deep centre rims
- Robust and powerful impact wrench for heavy-duty jobs e.g. truck service

- Durable twin hammer

System components

Accessories → 502

Accessories for impact wrenches, ratchet wrenches

		Order no.
	**Socket wrench set 1/2" (10 pieces)** Consisting of 10 socket wrenches (10, 11, 12, 13, 15, 17, 19, 21, 22, 24 mm)	628831000
	**Socket wrench set 1/2" (3 pieces)** Consisting of 3 socket wrenches (17, 19, 21 mm) For alloy wheel caps, long version	628833000
	**Socket wrench extension 1/2" impact-proof** Overall length 150 mm	628832000
	**Socket wrench set 3/4" (8 pieces)** Consisting of 8 socket wrenches (21, 22, 24, 26, 27, 28, 30, 32 mm)	628834000
	**Socket wrench set 1" (8 pieces)** Consisting of 8 socket wrenches (24, 27, 30, 32, 33, 34, 36, 38 mm) Deep version	628835000
	**Wall bracket** Retention force 15 kg Suitable for air tools, for 3/8", 1/2" and 3/4" air impact wrenches and accessories	628848000



Technical data	Air Ratchet Wrench DRS 68 set 1/2"
Operating pressure	6.2 bar
Air requirement	220 l/min
Square holder	1/2"
Speed (RPM)	175 /min
Loosening torque	68 Nm
Weight	1.2 kg

Scope of delivery

Order no.	604119
EURO Plug-in nipple 1/4"	■
ARO/Orion Plug-in nipple 1/4"	■
ISO Plug-in nipple 1/4"	■
7 Socket wrenches (9, 10, 11, 13, 14, 17, 19 mm)	■
Plastic carry case	■
Oil bottles	■
Extension 75 mm	■
Flexible joint	■

Product advantages

- Ergonomic fwd/rev switch
- Easy adjustment of direction of rotation at ratchet head
- Compact design
- For all work with screws/bolts: e.g. repairs on cars, steel construction etc.
- Ergonomic, partially rubber-coated housing: cold-insulating, non-slip and low vibration for comfortable work
- Integrated speed control
- Rotatable exhaust guide at the side of the housing.

System components

Accessories → 502





Technical data	Air Ratchet Wrench DRS 35-1/4"	Air Ratchet Wrench DRS 95-1/2"
Operating pressure	6.2 bar	6.2 bar
Air requirement	390 l/min	450 l/min
Square holder	1/4"	1/2"
Speed (RPM)	270 /min	160 /min
Loosening torque	35 Nm	95 Nm
Weight	0.53 kg	1.2 kg

Scope of delivery

Order no.	601552	601553
EURO Plug-in nipple 1/4"	■	■
ARO/Orion Plug-in nipple 1/4"	■	■
ISO Plug-in nipple 1/4"	■	■
Oil bottles	■	■

Product advantages

- Practical and lightweight for easy operation even in difficult to reach places
- Ergonomic composite housing: insulated non-slip and low vibration for comfortable work
- User-friendly exhaust guide through the handle avoids dust turbulence in the working area
- User-friendly, rotating exhaust guide: no dust turbulence in the working area
- Ideally suited for all car applications
- Universal application for all tightening & loosening tasks
- Ergonomic fwd/rev switch
- Rubberised handle for ergonomic and fatigue-free operation
- High-performance planetary gear train for a long service life and optimum transmission of force

System components

Accessories → 502





Technical data	Air Screwdriver DS 14
Operating pressure	6.2 bar
Air requirement	340 l/min
Speed (RPM)	1,800 /min
Loosening torque	5 - 14 Nm
Weight	1.2 kg

Scope of delivery

Order no.	604117
EURO Plug-in nipple 1/4"	■
ARO/Orion Plug-in nipple 1/4"	■
ISO Plug-in nipple 1/4"	■
Oil bottles	■

Product advantages

- Handy screwdriver for assembly work
- Ergonomically shaped, rubber-coated handle for comfortable and low-fatigue operation
- Ergonomic fwd/rev switch
- Gun shape
- Adjustable torque from 5 to 14 Nm
- Bit holder for comfortable single-handed tool change
- Exhaust guide with handle

System components

Accessories → 310

Technical data	Air Drill DB 10
Operating pressure	6.2 bar
Air requirement	360 l/min
Speed (RPM)	1,800 /min
Chuck capacity	3 - 10 mm
Weight	1.2 kg

Scope of delivery

Order no.	604120
EURO Plug-in nipple 1/4"	■
ARO/Orion Plug-in nipple 1/4"	■
ISO Plug-in nipple 1/4"	■
Oil bottles	■

Product advantages

- Ergonomically shaped, rubber-coated handle for comfortable and low-fatigue operation
- Quick work progress thanks to high torque of 1,800 / min
- Ergonomic fwd/rev switch
- Exhaust guide with handle

System components

Accessories → 252





Technical data	Air Chipping Hammer DMH 30 Set	Air Chipping Hammer DMH 290 Set
Operating pressure	6.2 bar	6.2 bar
Air requirement	280 l/min	330 l/min
Bit retainer	Hexagon shaft 10 mm	Hexagon shaft 10 mm
Impact rate	3,000 /min	2,900 /min
Weight	2 kg	1.7 kg

Scope of delivery

Order no.	604115	601561
EURO Plug-in nipple 1/4"	■	■
ARO/Orion Plug-in nipple 1/4"	■	■
ISO Plug-in nipple 1/4"	■	■
Hose nozzle 10 mm and screw clamp according to ISO 11148	■	■
4 Chisels	■	
3 Chisels		■
Quick clamp spring	■	
Quick-change chuck		■
Plastic carry case	■	■
Oil bottles	■	■

Product advantages

- Light, handy chipping hammer
- Suitable for construction work on masonry, bricks, aerated concrete
- Ideal for removing plaster and tiles and light mortising work
- User-friendly exhaust guide through the handle avoids dust turbulence in the working area
- Rubberised handle for ergonomic and fatigue-free operation

- For processing of sheet metal and stone
- For work in the car body area
- Kickback damping for reduction of vibrations
- Long piston stop with higher power transmission, effective operation and rapid work progress
- Quick-action chuck: for quick and tool-free change of chisels

System components

Accessories → 524





Technical data	Large Diameter Air Saw DKS 10 Set
Operating pressure	6.2 bar
Air requirement	420 l/min
Cutting thickness aluminium	4 mm
Cutting thickness steel	3 mm
Stroke length	10 mm
Strokes at rated load	9,000 /min
Weight	0.65 kg

Scope of delivery

Order no.	601560
EURO Plug-in nipple 1/4"	■
ARO/Orion Plug-in nipple 1/4"	■
ISO Plug-in nipple 1/4"	■
5 Saw blades each (18 teeth, 24 teeth, 32 teeth)	■
Hexagonal wrench	■
Plastic carry case	■
Hose nozzle 10 mm and screw clamp according to ISO 11148	■
Oil bottles	■

Product advantages

- Suitable for cutting metal sheets, plastics, aluminium, wood and fibre glass
- Low vibrations for convenient continuous mode
- Magnesium housing: particularly light and robust
- Rubberised handle for ergonomic and fatigue-free operation
- User-friendly exhaust guide through the handle avoids dust turbulence in the working area
- Sound-proofed air outlet for reduced noise operation
- Precise saw blade guide for high cutting output and clean cutting edges
- Adjustable hoop guard: exact setting of cutting depth
- Safety lever prevents unintentional start of the machine

System components

Accessories → 524

Technical data	Air Die Grinder DG 25 Set
Operating pressure	6.2 bar
Air requirement	300 l/min
Speed (RPM)	25,000 /min
Collet chuck bore	6 mm
Weight	0.43 kg

Scope of delivery

Order no.	604116
EURO Plug-in nipple 1/4"	■
ARO/Orion Plug-in nipple 1/4"	■
ISO Plug-in nipple 1/4"	■
2 collets (3 mm, 6 mm)	■
5 mounted points each (3 mm, 6 mm)	■
2 open-jawed spanners (13 mm, 16 mm)	■
Plastic carry case	■

Product advantages

- For sanding/grinding, deburring, moulding/routing and engraving
- Integrated speed control
- Ergonomic, partially rubber-coated housing: cold-insulating, non-slip and low vibration for comfortable work
- Safety lever for protection against accidental start up
- Rotatable exhaust guide at the side of the housing.

System components

Accessories → 203





NEW



Technical data	Air Die Grinder DG 700	Air Die Grinder DG 700 L	Air Die Grinder DG 700-90
Operating pressure	6.2 bar	6.2 bar	6.2 bar
Air requirement	600 l/min	600 l/min	600 l/min
Speed (RPM)	22,000 /min	22,000 /min	12,000 /min
Collet chuck bore	6 mm	6 mm	6 mm
Weight	0.83 kg	1.3 kg	1.2 kg

Scope of delivery

Order no.	601554	601555	601592
EURO Plug-in nipple 1/4"	■	■	■
ARO/Orion Plug-in nipple 1/4"	■	■	■
ISO Plug-in nipple 1/4"	■	■	■
Collet 6 mm (industry standard)	■	■	■
Oil bottles	■	■	■

Product advantages

■ Long spindle for improved access to difficult to reach places

■ Angled version for working in hard to reach spaces

- Particularly powerful and robust for demanding use
- For sanding/grinding, deburring, moulding/routing and engraving
- For grinding flat and curved surfaces in a variety of different materials
- Practical and lightweight for easy operation even in difficult to reach places
- Ergonomic, insulated and lightweight housing made from impact-proof plastic
- User-friendly exhaust guide through the handle avoids dust turbulence in the working area
- Sound-proofed air outlet for reduced noise operation
- Compact dimensions for convenient one-hand operation

System components

Accessories → 203, 524





NEW

Technical data	Air Angle Grinder DW 125	Air Angle Grinder DW 10-125 Quick
Grinding wheel Ø	125 mm	125 mm
Operating pressure	6.2 bar	6.2 bar
Air requirement	500 l/min	500 l/min
No-load speed	10,000 /min	10,000 /min
Spindle threads	M 14	M 14
Weight	1.8 kg	2 kg

Scope of delivery

Order no.	601556	601591
EURO Plug-in nipple 1/4"	■	
ARO/Orion Plug-in nipple 1/4"	■	
ISO Plug-in nipple 1/4"	■	
EURO Plug-in nipple 3/8"		■
ARO/Orion Plug-in nipple 3/8"		■
ISO Plug-in nipple 3/8"		■
Hexagonal wrench	■	■
Side handle	■	
Flat-pin spanners	■	
Anti-vibration handle		■
Guard for disc	■	■
Open-jawed spanner	■	
Oil bottles	■	■

Product advantages

- Particularly powerful and robust for demanding use
- Metabo VibraTech (MVT) side handle for vibration damping to protect the user's health
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; rotatable and fixable in 8 positions

- For grinding flat and curved surfaces in a variety of different materials
- Ergonomic, insulated and lightweight housing made from impact-proof plastic
- User-friendly exhaust guide through the handle avoids dust turbulence in the working area
- Sound-proofed air outlet for reduced noise operation
- Safety lever prevents unintentional start of the machine
- For use with roughing and cutting discs Ø 125 mm
- Numerous grinding wheels and cutting discs are available in the Metabo range

System components

Accessories → 130



Technical data	Air Band File DBF 457
Operating pressure	6.2 bar
Air requirement	400 l/min
Grinding belt width	13 mm
Grinding belt length	457 mm
Belt speed in idle	20 m/s
Useful length of sanding belt arm	90 mm
Weight	1.5 kg

Scope of delivery

Order no.	601559
EURO Plug-in nipple 1/4"	■
ARO/Orion Plug-in nipple 1/4"	■
ISO Plug-in nipple 1/4"	■
Sanding belt (13 x 457 mm; P120)	■
Fleece band (13 x 457 mm; medium)	■
Hexagonal wrench	■
Oil bottles	■

Product advantages

- Powerful, compact band file for grinding, satin-finish and deburring in difficult to reach places
- Tool-less sanding belt change and automatic belt tensioning
- Grinding attachment can be swivelled through 360° for perfect adaptation to any working position
- User-friendly exhaust guide through the handle avoids dust turbulence in the working area
- Safety lever prevents unintentional start of the machine
- Suitable for sanding belts 13 x 457 mm.

System components

Accessories → 181



Technical data	Air Disc Sander DSX 150
Sanding pad Ø	150 mm
Operating pressure	6.2 bar
Air requirement	550 l/min
Working stroke	5 mm
Speed (RPM)	12,000 /min
Weight	1 kg

Scope of delivery

Order no.	601558
EURO Plug-in nipple 1/4"	■
ARO/Orion Plug-in nipple 1/4"	■
ISO Plug-in nipple 1/4"	■
Open-jawed spanner	■
Hexagonal wrench	■
Oil bottles	■

Product advantages

- Ergonomic, insulated and lightweight housing made from impact-proof plastic
- Compact dimensions for convenient one-hand operation
- For grinding flat and curved surfaces in a variety of different materials
- Infinitely variable speed control for working with different materials
- Sound-proofed air outlet for reduced noise operation
- Suitable for wet and dry sanding/grinding
- Separate exhaust: connection option Ø 25 mm to external dust extraction
- 6-hole backing pad Ø 150 mm with hook and loop for use of currently available sandpapers

System components

Accessories → 346, 524



Technical data	Air Staple Gun and Nailer DKNG 40/50
Nail type	SKN
Nail length	15 - 50 mm
Staple type	90 + ES
Staple length	15 - 40 mm
Operating pressure	5 - 7 bar
Air requirement per impact	0.66 l
Weight	1.1 kg

Scope of delivery

Order no.	601562
EURO Plug-in nipple 1/4"	■
ARO/Orion Plug-in nipple 1/4"	■
ISO Plug-in nipple 1/4"	■
Oil bottles	■
Safety goggles	■
Plastic carry case	■

Product advantages

- For processing staples and nails
- For interior development, e.g. for fixing wall and ceiling panels or for attaching strips
- For fixing tongue and groove boards, chipboards etc
- Practical and lightweight for easy operation even in difficult to reach places
- Switching between staples and clinch head nails without conversion
- Safety mechanism prevents unintentional trigger action for the protection of the user
- Tool-free opening of the front cover for simple and rapid elimination of faults
- Ergonomic composite housing: insulated non-slip and low vibration for comfortable work
- Rubberised handle for ergonomic and fatigue-free operation
- User-friendly, rotating exhaust guide: no dust turbulence in the working area

System components

Accessories → 514







Technical data	Air Staple Gun DKG 80/16	Air Staple Gun DKG 90/40	Air Staple Gun DKG 114/65
Staple type	80	90 + ES	114
Staple length	4 - 16 mm	13 - 40 mm	32 - 65 mm
Operating pressure	5 - 7 bar	5 - 7 bar	5 - 8 bar
Air requirement per impact	0.34 l	0.66 l	1.5 l
Weight	0.78 kg	0.93 kg	2.5 kg

Scope of delivery

Order no.	601564	601566	601567
EURO Plug-in nipple 1/4"	■	■	■
ARO/Orion Plug-in nipple 1/4"	■	■	■
ISO Plug-in nipple 1/4"	■	■	■
Oil bottles	■	■	■
Safety goggles	■	■	■
Plastic carry case	■	■	

Product advantages

- For fixing liners, materials, insulation material
- Practical and lightweight for easy operation even in difficult to reach places
- Ergonomic composite housing: insulated non-slip and low vibration for comfortable work

- For fixing tongue and groove boards, chipboards etc
- Practical and lightweight for easy operation even in difficult to reach places
- Protective rubber glove prevents damage to delicate surfaces
- Ergonomic composite housing: insulated non-slip and low vibration for comfortable work

- Tool-free opening of the front cover for simple and rapid elimination of faults

- For interior development, e.g. for fixing wall and ceiling panels or for attaching strips
- Thumbwheel depth control for accurate working results
- Safety mechanism prevents unintentional trigger action for the protection of the user
- Tool-free changeover between individual and series fixing
- User-friendly, rotating exhaust guide: no dust turbulence in the working area

- For processing staples
- Rubberised handle for ergonomic and fatigue-free operation

System components

Accessories → 514



Technical data	Air Pin Nailer DPN 25
Nail type	PN
Nail length	15 - 25 mm
Operating pressure	4.5 - 7 bar
Air requirement per impact	0.34 l
Weight	1 kg

Scope of delivery

Order no.	601563
EURO Plug-in nipple 1/4"	■
ARO/Orion Plug-in nipple 1/4"	■
ISO Plug-in nipple 1/4"	■
Oil bottles	■
Safety goggles	■
Plastic carry case	■

Product advantages

- For processing nails
- For fixing skirtings, glass and ornamental mouldings
- Practical and lightweight for easy operation even in difficult to reach places
- Protective rubber glove prevents damage to delicate surfaces
- Ergonomic composite housing: insulated non-slip and low vibration for comfortable work
- Rubberised handle for ergonomic and fatigue-free operation



Technical data	Air Brad Nailer DSN 50
Nail type	SKN
Nail length	15 - 50 mm
Operating pressure	5 - 8 bar
Air requirement per impact	0.66 l
Weight	0.92 kg

Scope of delivery

Order no.	601568
EURO Plug-in nipple 1/4"	■
ARO/Orion Plug-in nipple 1/4"	■
ISO Plug-in nipple 1/4"	■
Oil bottles	■
Safety goggles	■
Plastic carry case	■

Product advantages

- For processing nails
- For interior development, e.g. for fixing wall and ceiling panels or for attaching strips
- Practical and lightweight for easy operation even in difficult to reach places
- Thumbwheel depth control for accurate working results
- Safety mechanism prevents unintentional trigger action for the protection of the user
- Tool-free opening of the front cover for simple and rapid elimination of faults
- Ergonomic composite housing: insulated non-slip and low vibration for comfortable work
- Rubberised handle for ergonomic and fatigue-free operation
- User-friendly, rotating exhaust guide: no dust turbulence in the working area

System components

Accessories → 514

Staples



Type 90, back width 5.8 mm/wire thickness 1.05 x 1.27 mm
- Treated with resin
- Galvanized

Staple type	Width mm	Overall length mm	Sales unit	Suitable for	Order no.
Type 90	5.8	15	2,000	Kombi 32, Kombi 40/50, KG 90/25, KG 90/40	0901053790
Type 90	5.8	20	2,000	Kombi 32, Kombi 40/50, KG 90/25, KG 90/40	0901053804
Type 90	5.8	25	2,000	Kombi 32, Kombi 40/50, KG 90/25, KG 90/40	0901053812
Type 90	5.8	30	2,000	Kombi 32, Kombi 40/50, KG 90/40	0901053820
Type 90	5.8	35	2,000	Kombi 40/50, KG 90/40	0901053839
Type 90	5.8	40	2,000	Kombi 40/50, KG 90/40	0901053847



Type 80, back width 12.8 mm/wire thickness 0.65 x 0.95 mm
- Treated with resin
- Galvanized

Staple type	Width mm	Overall length mm	Sales unit	Suitable for	Order no.
Type 80	12.8	6	3,000	KG 80/16, DKG 80/16	0901053855
Type 80	12.8	8	3,000	KG 80/16, DKG 80/16	0901053863
Type 80	12.8	10	3,000	KG 80/16, DKG 80/16	0901053871
Type 80	12.8	12	3,000	KG 80/16, DKG 80/16	0901053880
Type 80	12.8	14	3,000	KG 80/16, DKG 80/16	0901053898
Type 80	12.8	16	3,000	KG 80/16, DKG 80/16	0901053901



Type 114, back width 10.8 mm/wire thickness 1.60 x 1.40 mm
- Treated with resin
- Galvanised according to DIN 18182

Staple type	Width mm	Overall length mm	Sales unit	Suitable for	Order no.
Type 114	10.8	35	10,000	DKG 114/65	628870000
Type 114	10.8	40	10,000	DKG 114/65	628871000
Type 114	10.8	45	10,000	DKG 114/65	628872000
Type 114	10.8	50	10,000	DKG 114/65	628873000
Type 114	10.8	65	10,000	DKG 114/65	628874000

Brad nails



- Galvanized
- Wire thickness 0.9 x 1.2 mm

Nail type	Overall length mm	Sales unit	Suitable for	Order no.
Type SKN	16	1,000	Kombi 32, Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053715
Type SKN	20	1,000	Kombi 32, Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053723
Type SKN	25	1,000	Kombi 32, Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053731
Type SKN	30	1,000	Kombi 32, Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053740
Type SKN	35	1,000	Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053758
Type SKN	40	1,000	Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053766
Type SKN	45	1,000	Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053774
Type SKN	50	1,000	Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053782

Pin nails



- Galvanized
- Wire thickness 0.64 x 0.64 mm

Nail type	Overall length mm	Sales unit	Suitable for	Order no.
Type PN	15	10,000	DPN 25	628860000
Type PN	18	10,000	DPN 25	628861000
Type PN	22	10,000	DPN 25	628862000
Type PN	25	10,000	DPN 25	628863000







Technical data	Paint Spray Gun FSP 100	Paint Spray Gun FSP 600	Paint Spray Gun FSP 1000 S
Operating pressure	3.5 bar	4.5 bar	4.5 bar
Air requirement	50 - 100 l/min	240 l/min	240 l/min
Weight	0.2 kg	0.6 kg	0.7 kg

Scope of delivery

Order no.	601574	601575	601576
EURO Plug-in nipple 1/4"	■	■	■
ARO/Orion Plug-in nipple 1/4"	■	■	■
ISO Plug-in nipple 1/4"	■	■	■
Plastic flow bowl, 0.1 l	■		
Plastic flow bowl, 0.6 l		■	
Metal suction cap 1 l			■
Nozzle Ø 1.5 mm		■	■
Round spray nozzle Ø 1 mm	■		

Product advantages		
■ Compact, very handy paint spray gun for small areas, ideal for correction work	■ Infinitely adjustable for circular and wide spray ■ Air and paint volume regulation: accurate, even, and high application of paint for excellent results	■ Infinitely adjustable for circular and wide spray ■ Air and paint volume regulation: accurate, even, and high application of paint for excellent results

System components

Accessories → 517





Technical data	Paint Spray Gun FSP 600 HVLP	Paint Spray Gun FSP 600 LVLP
Operating pressure	2 bar	1.6 bar
Air requirement	170 l/min	136 l/min
Weight	0.7 kg	0.7 kg

Scope of delivery

Order no.	601577	601578
EURO Plug-in nipple 1/4"	■	■
ARO/Orion Plug-in nipple 1/4"	■	■
ISO Plug-in nipple 1/4"	■	■
Plastic flow bowl, 0.6 l	■	■
Filter	■	■
Nozzle Ø 1.3 mm	■	■
Cleaning brush	■	■
Assembly key	■	■

Product advantages

- HVLP (High Volume, Low Pressure): min. operating pressure 0.7 bar at the nozzle kit, transfer rate approximately 70%. Low overspray, maximum transfer efficiency with low air consumption
- LVLP (Low Volume Low Pressure): min. operating pressure 0.7 bar at the nozzle kit, transfer rate approximately 73%. Low overspray, maximum transfer efficiency with very low air consumption
- Infinitely adjustable for circular and wide spray
- Easy to clean, for the highest precision and service life
- Nozzle kit made from stainless steel, suitable for use with water-soluble materials and materials containing solvents

System components

Accessories → 517

Accessories for paint spray guns



Nozzle kits for paint spray guns
- Consisting of spray head, paint nozzle, colour needle and gasket. Nozzle kits for paint spray gun 600 HVLP/ LVLP without additional gasket.

	Diameter mm	Suitable for	Order no.
	1.2	FB 150, SB 200, FSP 600, FSP 1000 S	0901026858*
	1.5	FB 150, SB 200, FSP 600, FSP 1000 S	0901026866*
	2	FB 150, SB 200, FSP 600, FSP 1000 S	0901026882*
	2.5	FB 150, SB 200, FSP 600, FSP 1000 S	0901026904*
	1.3	FSP 600 HVLP	628807000*
	1.5	FSP 600 HVLP	628808000*
	1.8	FSP 600 HVLP	628809000*
	2	FSP 600 HVLP	628810000*
	1.3	FSP 600 LVLP	628811000*
	1.5	FSP 600 LVLP	628812000*
	1.8	FSP 600 LVLP	628813000*
	2	FSP 600 LVLP	628814000*

		Order no.
	**Spare plastic gravity feed cup** suitable for: FSP 600 HVLP, FSP 600 LVLP	628815000*

		Order no.
	10 spare filters FSP 600 HVLP / FSP 600 LVLP ■ Plastic paint sieve for flow bowl 6.28215 of the paint spray guns FSP 600 HVLP/ LVLP suitable for: FSP 600 HVLP, FSP 600 LVLP	628806000*

Recommended nozzle diameter for individual application	FSP 100	FSP 600	FSP 1000 S	FSP 600 HVLP	FSP 600 LVLP
Primer	–	1.5/2.0/2.5	1.5/2.0/2.5	1.5/1.8/2.0	1.5/1.8/2.0
Spatula	–	2.0/2.5	2.0/2.5	2.0	2.0
Filler	–	1.5	1.5	1.3/1.5/1.8	1.3/1.5/1.8
Single stage paint	1.0	1.2/1.5	1.2/1.5	1.3/1.5	1.3/1.5
Metallic lacquer	–	1.2/1.5	1.2/1.5	1.3/1.5	1.3/1.5
Clear coat	–	1.2/1.5	1.2/1.5	1.3/1.5	1.3/1.5
Water-based paint	–	–	–	1.3/1.5/1.8/2.0	1.3/1.5/1.8/2.0

*Self-service packaging



Technical data	Sand Blasting Gun SSP 1000
Operating pressure	7 bar
Air requirement	300 l/min
Weight	0.55 kg

Scope of delivery

Order no.	601569
EURO Plug-in nipple 1/4"	■
ARO/Orion Plug-in nipple 1/4"	■
ISO Plug-in nipple 1/4"	■
Metal suction cap and hardened spray nozzle	■

Product advantages

- Sand blasting gun for the removal of rust and paint residue in corners, in joints and on smaller surface areas
- For use on all current steel, meaning universal use, ideal for small areas
- Jet nozzle made from hardened steel for a long service life





Technical data	Spray Gun SPP 1000	Combo-Spray Gun UBS 1000
Operating pressure	6 bar	6 bar
Air requirement	200 l/min	180 l/min
Weight	0.62 kg	0.4 kg

Scope of delivery

Order no.	601570	601571
EURO Plug-in nipple 1/4"	■	■
ARO/Orion Plug-in nipple 1/4"	■	■
ISO Plug-in nipple 1/4"	■	■
Metal suction cap 1 l	■	

Product advantages

- Spray gun for a wide range of applications: spraying cold cleaners, detergents and spray oils
- Suction cup with large aperture, easy to fill and clean

- Spray gun for cavity sealing and underfloor protection, compatible with usual screw cartridges (1l)

System components

Accessories → 524



Technical data	Air Cartridge Gun DKP 310
Operating pressure	6 bar
Air requirement	65 l/min
Weight	0.46 kg

Scope of delivery

Order no.	601573
EURO Plug-in nipple 1/4"	■
ARO/Orion Plug-in nipple 1/4"	■
ISO Plug-in nipple 1/4"	■

Product advantages

- Automatic: continuous material flow as long as trigger guard is activated; uniform flow at required rate
- No material dripping for clean and effective operation
- Uses ordinary cartridges (310 ml)



Technical data	Air Grease Gun DFP 400
Operating pressure	2 - 10 bar
Air requirement per stroke	0.4 l
Weight	1.55 kg

Scope of delivery

Order no.	601572
EURO Plug-in nipple 1/4"	■
ARO/Orion Plug-in nipple 1/4"	■
ISO Plug-in nipple 1/4"	■
Rigid grease tube (17 cm)	■
Flexible grease hose 46 cm (18")	■

Product advantages

- Automatic: continuous material flow as long as trigger guard is activated; uniform flow at required rate
- No material dripping for clean and effective operation
- With a rigid and flexible connection including grease nipple, for best reachability and simple handling
- For filling from external grease containers or for use with ordinary cartridges (400g)





Technical data	Tyre Inflation & Pressure Gauge RF 60	Tyre Inflation & Pressure Gauge RF 60 G
Operating pressure	0.5 - 12 bar	0.5 - 10 bar
Hose length	35 cm	35 cm
Weight	0.45 kg	0.45 kg

Scope of delivery

Order no.	602233	602234
EURO Plug-in nipple 1/4"	■	■
ARO/Orion Plug-in nipple 1/4"	■	■
ISO Plug-in nipple 1/4"	■	■
Tyre inflation plug in nipple, and hollow needle ball adaptor	■	

Product advantages

- Officially calibrated (including calibration fee) for use in commercial companies
- For testing and inflating tyres
- With torque plug
- Manometer with rubber shroud to protect against damage





Technical data	Tyre Inflation & Pressure Gauge RF 80 G	Tyre Inflation & Pressure Gauge RF 80 D
Operating pressure	0.5 - 10 bar	0.5 - 12 bar
Hose length	100 cm	100 cm
Weight	0.55 kg	0.55 kg

Scope of delivery

Order no.	602235	602236
EURO Plug-in nipple 1/4"	■	■
ARO/Orion Plug-in nipple 1/4"	■	■
ISO Plug-in nipple 1/4"	■	■

Product advantages

- Officially calibrated (including calibration fee) for use in commercial companies
- Digital, illuminated manometer for highest accuracy
- Switchable display units: PSI, BAR, Kpa, kg/cm²
- For testing and inflating tyres
- Ergonomic composite housing: insulated non-slip and low vibration for comfortable work
- Easy operation with precision gauge, overpressure safe
- Handle with non-slip soft-grip surface
- With torque plug
- Large Ø 80 mm manometer for good readability
- Manometer with rubber shroud to protect against damage

System components

Accessories → 521

Accessories for tyre inflators complete with pressure gauges

		Order no.
	**Adapter for bicycle valve** To inflate bicycle tyres with a tyre-inflator	0901026262*
	**Adapter for hollow needle ball inflation** To inflate balls with a tyre-inflator	0901031550*
	**Valve set, 3-piece** Consisting of bicycle valve adapter, ball adapter and adapter for air mattress	0901055769*
	**Lever connector with clip** Suitable for hose inside diameter 6 mm	7710672339
	**Connecting hose** (as spare); male thread: 1/4"	0901026661*
	**Connecting hose with lever connector** (as spare)	1001672319
	**Manometer Ø 80 mm (1-10 bar)** With protecting cap; calibrated; for RF 480	7823672327
	Manometer tyre-inflator (as spare); e.g. for RF 100	0901026815*

*Self-service packaging





Technical data	Blow Gun BP 10	Blow Gun BP 210
Operating pressure	2 - 6 bar	2 - 6 bar
Air requirement	100 - 200 l/min	100 - 200 l/min
Weight	0.1 kg	0.14 kg

Scope of delivery

Order no.	601579000	601579180	601579010	601580000	601580180	601580010
EURO Plug-in nipple 1/4"	■			■		
ARO/Orion Plug-in nipple 1/4"		■			■	
ISO Plug-in nipple 1/4"			■			■
Extension 210 mm				■	■	■

Product advantages

- Light, robust housing made from cast aluminium





Technical data	Blow Gun BP 200	Blow Gun BP 500
Operating pressure	3 - 8 bar	3 - 8 bar
Air requirement	130 - 350 l/min	130 - 350 l/min
Weight	0.14 kg	0.16 kg

Scope of delivery

Order no.	601581000	601581180	601581010	601582000	601582180	601582010
EURO Plug-in nipple 1/4"	■			■		
ARO/Orion Plug-in nipple 1/4"		■			■	
ISO Plug-in nipple 1/4"			■			■
Rubber-coated nozzle tip	■	■	■			
Extension 500 mm				■	■	■

Product advantages

- Ergonomic, insulated and lightweight housing made from impact-proof plastic
- Air volume can be regulated for application-specific operation
- Practical and lightweight for easy operation even in difficult to reach places





Technical data	Blow Gun Alu BPA 15	Blow Gun Alu BPA 15 S
Operating pressure	2 - 6 bar	4 - 6 bar
Air requirement	295 l/min	335 l/min
Weight	0.26 kg	0.28 kg

Scope of delivery

Order no.	601583000	601583180	601584000	601584180
EURO Plug-in nipple 1/4"	■		■	
ARO/Orion Plug-in nipple 1/4"		■		■
Safety and noise damping nozzle			■	■
Short nozzle	■	■		

Product advantages

- Safety nozzle for safe operation
- Light, robust housing made from cast aluminium
- Air volume can be regulated for application-specific operation





Technical data	Compressed Air Tool Set LPZ 4 Set	Compressed Air Tool Set LPZ 7 Set

Scope of delivery

Order no.	601585000	601585180	601585010	601586000	601586180	601586010
EURO Plug-in nipple 1/4"	■			■		
ARO/Orion Plug-in nipple 1/4"		■			■	
ISO Plug-in nipple 1/4"			■			■

Product advantages

- Set consists of blow gun, tyre inflating measuring device, paint spray gun with gravity flow cup and PA spiral hose
- Set consists of blow gun, tyre inflating measuring device incl. adapter and ball needle, paint spray gun with gravity flow cup and PA spiral hose

Accessories for chipping hammers

		Order no.
	**Stone chisel** Overall length: 173 mm; hexagonal shank bit SW 10	0901026521*
	**Stone chisel** 20 mm wide; overall length: 175 mm; hexagonal shank bit SW 10	0901026530*
	**Stone chisel** 50 mm wide; overall length: 180 mm; hexagonal shank bit SW 10	0901026548*
	**Stone chisel** 40 mm wide; overall length: 250 mm Hexagonal shank bit SW 10	0901026572*
	**Spring for chipping hammer MHS 315** 8 coils Suitable for MHS 315, DW 315	0901013047*
	Spring for chipping hammer MHS 450 10 coils Suitable for MHS 450, MHS 5050	0901026327*
	**Needle scaler attachment** Suitable for DMH 30 Set, DMH 290 Set, as well as all compressed air chipping hammers, universal	628822000

Accessories for large diameter saws

		Order no.
	**Saw blades 14 teeth (10 pieces)**	0901063087*
	**Saw blades 24 teeth (10 pieces)**	0901063095*
	**Saw blades 32 teeth (10 pieces)**	0901063109*

Accessories for die grinders

		Order no.
	**Collet 8 mm for DG 700 / DG 700 L**	628823000

Accessories for random orbital sander

		Order no.
	**Spare sanding pad for ES 7700 / DSX 150**	1319706247

Accessories for sand blasting guns

		Order no.
	**Sand blasting abrasive** ■ Grit 0.2 - 0.5 mm ■ Canister content 8 kg ■ Aluminium silicate glass melt	0901064423
	Spare pipe for sandblasting gun	0901026408

General accessories for compressed air tools

		Order no.
	**Special oil 0.5 litres for compressed air tools** mineral	0901008540

Accessories for Compressors

Oils

		Order no.
	**Compressor oil, 1 litre, for piston condenser** mineral	0901004170

Compressed Air Preparation

Maintenance units



■ Consisting of filter controller FR and lubricator L
■ Wall mounting: Line installation and control panel installation possible

Connecting thread	Maximum inlet pressure bar	Order no.
1/4"	12	0901063869
1/2"	14	0901063850

Filter controller



■ Wall mounting: Line installation and control panel installation possible

Connecting thread	Maximum inlet pressure bar	Order no.
1/4"	12	0901063877
1/2"	14	0901063885

Controller



■ Wall mounting: Line installation and control panel installation possible

Connecting thread	Maximum inlet pressure bar	Order no.
1/4"	12	0901063834
1/2"	14	0901063826

*Self-service packaging

Filters



- Wall mounting: Line installation and control panel installation possible

Connecting thread	Maximum inlet pressure bar	Order no.
1/4"	12	0901063818
1/2"	14	0901063800

Lubricators



- Wall mounting: Line installation and control panel installation possible

Connecting thread	Maximum inlet pressure bar	Order no.
1/4"	12	0901063796
1/2"	14	0901063788

Line lubricator



Connecting thread	Order no.
1/4"	0901054584*

Oils

		Order no.
	**Special oil 0.5 litres for compressed air tools** mineral	0901008540

Pipe System

Compressed air lines



Outer Ø mm	Internal Ø mm	Length m	Material	Version	Order no.
15	12	25	Plastic	flexible (rolls)	7851194171
22	18	25	Plastic	flexible (rolls)	7851194180

Distributors

		Order no.
	**Wall disc** Plastic	7876194001
	**Diffuser can** Brass thread Without locking screw	0901059691
	**Locking screw 1/2"** Galvanized	6109079322

Connections



- with male thread

Diameter mm	Connecting thread	Material	Order no.
22	3/4"	Plastic	7876193943
15	1/2"	Plastic	7876193951

Plug connectors

	Diameter mm	Material	Order no.
	**T-plug connectors**		
	15	Plastic	7876194010
	22	Plastic	7876194028
	**Angle plug connectors**		
	15	Plastic	7876194060
	22	Plastic	7876194079
	**Straight plug connectors**		
	15	Plastic	7876194125
	22	Plastic	7876194133

Pipe sockets



Diameter mm	Connecting thread	Material	Order no.
15	1/2"	Plastic	7876193978
22	1/2"	Plastic	7876193986
22	3/4"	Plastic	7876193994

Air cocks



Diameter mm	Connecting thread	Order no.
15	1/2"	0901059489
22	3/4"	0901059500

Safety rings



Diameter mm	Material	Order no.
22	Plastic	7876194117

Tubular joints



Diameter mm	Material	Order no.
15	Plastic	7876693610
22	Plastic	7876693628

Pipe cutter

		Order no.
	**Pipe cutter** Maximum diameter: 28 mm	9109691680

Compressed Air Hoses

Compressed air hoses with fabric insert



- For all normal applications

Length m	Internal Ø mm	Outer Ø mm	Maximum pressure bar	Profile	Version	Order no.
5	6	11	20	Euro	With quick-action coupling and nipple	0901054908
5	6	11	20	ISO	With quick-action coupling and nipple	628779000
10	6	11	20	Euro	With quick-action coupling and nipple	0901054916
10	9	14	20	Euro	With quick-action coupling and nipple	0901054924
10	9	14	20	ISO	With quick-action coupling and nipple	628781000
50	9	14	20	-	rolls	0901054932
50	12.5	18	12	-	rolls	0901056161

Super Air compressed air hoses



- Very flexible hose, even at low temperatures
- Resistant against compressed air containing oil

Length m	Internal Ø mm	Outer Ø mm	Maximum pressure bar	Profile	Version	Order no.
10	6.3	11	20	Euro	With quick-action coupling and nipple	0901056048
10	6.3	11	20	ARO	With quick-action coupling and nipple	0901058903
10	10	15.5	20	Euro	With quick-action coupling and nipple	0901056056
10	10	15.5	20	ARO	With quick-action coupling and nipple	0901057290
10	10	15.5	20	ISO	With quick-action coupling and nipple	628783000
50	10	15.5	20	-	rolls	0901057303

Spiral hoses, Rilsan



Length m	Internal Ø mm	Outer Ø mm	Maximum pressure bar	Profile	Version	Order no.
5	6	8	8	Euro	With quick-action coupling and nipple	0901054940
5	6	8	8	ARO	With quick-action coupling and nipple	0901056218
5	6	8	8	ISO	With quick-action coupling and nipple	628768000
7.5	6	8	8	Euro	With quick-action coupling and nipple	0901054959
7.5	6	8	8	ARO	With quick-action coupling and nipple	0901056226
7.5	6	8	8	ISO	With quick-action coupling and nipple	628769000
10	8	10	8	Euro	With quick-action coupling and nipple	0901054967

Spiral hose, polyurethane



- Highly elastic special hose for professional applications
- No permanent reduction of volume due to kinks
- Non-abrasive

Length m	Internal Ø mm	Outer Ø mm	Maximum pressure bar	Profile	Version	Order no.
6	8	12	8	Euro	With quick-action coupling and nipple	0901062145

Hose reels

		Order no.
	**Hose recoiler SA 100** ■ With 20 m compressed air hose with fabric insert ■ Quick connection coupling 1/4" Euro and plug-in nipple 1/4" Length: 20 m Internal Ø: 9 mm External Ø: 15 mm Max. pressure: 15 bar Weight: 4 kg	0901054975
	**Hose reel ST 200** ■ With 30 m highly flexible PU hose ■ Quick connection coupling 1/4" Universal and plug-in nipple 1/4" (Euro, ARO and ISO) ■ 360° rotating Length: 30 m Internal Ø: 8.5 mm External Ø: 12.5 mm Max. pressure: 12 bar Weight: 8 kg	0901054568
	**Hose recoiler SA 250** ■ With 8 m highly flexible PU hose ■ Quick connection coupling 1/4" Universal and plug-in nipple 1/4" (Euro, ARO and ISO) ■ Automatic function: lock and recoil simply by pulling the hose. ■ With wall and ceiling mounting brackets ■ Plastic sleeve Length: 8 m Internal Ø: 8 mm External Ø: 12 mm Max. pressure: 15 bar Weight: 2.9 kg	628820000
NEW 	**Hose recoiler SA 312** ■ With 12 m highly flexible PU hose ■ Quick connection coupling 1/4" Universal and plug-in nipple 1/4" (Euro, ARO and ISO) ■ Automatic function: lock and recoil simply by pulling the hose. ■ With wall and ceiling mounting brackets ■ Metal housing ■ Length of connecting hose 1 m Length: 12 m Internal Ø: 8 mm External Ø: 12 mm Max. pressure: 12 bar Weight: 8 kg	628824000

Brass Parts

Compressed air distributors

	Version	Connecting size	Profile	Packaging	Sales unit	Order no.
	Female thread	3/8"	Euro	Self-service packaging	1	0901026645*
	Female thread	3/8"	Euro	Self-service packaging	1	0901026653*
	Female thread	3/8"	-	Self-service packaging	1	628759000*
	Female thread	3/8"	-	Self-service packaging	1	628760000*

Quick connection couplings Euro



Quick connection couplings Euro with male thread
■ Brass coupling for plug-in nipple with Euro profile

Version	Connecting size	Packaging	Sales unit	Order no.
Male thread	1/4"	Self-service packaging	1	0901031517*
Male thread	3/8"	Self-service packaging	1	0901025894*
Male thread	1/2"	Self-service packaging	1	0901025908*
Male thread	1/4"	Loose	1	7802009083
Male thread	3/8"	Loose	1	7802009091
Male thread	1/2"	Loose	1	7802009105



Quick connection couplings Euro with female thread
■ Brass coupling for plug-in nipple with Euro profile

Version	Connecting size	Packaging	Sales unit	Order no.
Female thread	1/4"	Self-service packaging	1	0901025916*
Female thread	3/8"	Self-service packaging	1	0901025924*
Female thread	1/2"	Self-service packaging	1	0901025932*
Female thread	1/4"	Loose	1	7801009055
Female thread	3/8"	Loose	1	7801009063
Female thread	1/2"	Loose	1	7801009071

*Self-service packaging



Quick connection couplings Euro with nozzle
- Brass coupling for plug-in nipple with Euro profile

Version	Connecting size	Packaging	Sales unit	Order no.
with spout	6 mm	Self-service packaging	1	0901025940*
with spout	9 mm	Self-service packaging	1	0901026351*
with spout	13 mm	Self-service packaging	1	0901026360*
with spout	6 mm	Loose	1	7800009035
with spout	9 mm	Loose	1	7800009043
with spout	13 mm	Loose	1	7800009558

Quick connection couplings UNI



Quick connection couplings UNI with male thread
- Universal coupling for plug-in nipple with Euro, ARO or ISO profile

Version	Connecting size	Packaging	Sales unit	Order no.
Male thread	1/4"	Self-service packaging	1	628700000*
Male thread	3/8"	Self-service packaging	1	628701000*
Male thread	1/2"	Self-service packaging	1	628702000*



Quick connection couplings UNI with female thread
- Universal coupling for plug-in nipple with Euro, ARO or ISO profile

Version	Connecting size	Packaging	Sales unit	Order no.
Female thread	1/4"	Self-service packaging	1	628703000*
Female thread	3/8"	Self-service packaging	1	628704000*
Female thread	1/2"	Self-service packaging	1	628705000*



Quick connection couplings UNI with nozzle
- Universal coupling for plug-in nipple with Euro, ARO or ISO profile

Version	Connecting size	Packaging	Sales unit	Order no.
with spout	6 mm	Self-service packaging	1	628706000*
with spout	9 mm	Self-service packaging	1	628707000*
with spout	13 mm	Self-service packaging	1	628708000*

Plug-in nipples Euro



Plug-in nipples Euro with male thread
- For use with Euro and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
Male thread	1/4"	Self-service packaging	1	0901025983*
Male thread	3/8"	Self-service packaging	1	0901025991*
Male thread	1/2"	Self-service packaging	1	628736000*
Male thread	1/4"	Loose	1	7803009117
Male thread	3/8"	Loose	1	7803009133
Male thread	1/2"	Loose	1	628738000



Plug-in nipples Euro with female thread
- For use with Euro and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
Female thread	1/4"	Self-service packaging	1	0901026017*
Female thread	3/8"	Self-service packaging	1	0901026025*
Female thread	1/2"	Self-service packaging	1	628737000*
Female thread	1/4"	Loose	1	7803009125
Female thread	3/8"	Loose	1	7803009141
Female thread	1/2"	Loose	1	628739000



Plug-in nipples Euro with nozzle
- For use with Euro and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
with spout	6 mm	Self-service packaging	1	0901025959*
with spout	6 mm	Self-service packaging	1	0901025967*
with spout	13 mm	Self-service packaging	1	0901025975*
with spout	6 mm	Loose	1	7804065606
with spout	9 mm	Loose	1	7804009161
with spout	13 mm	Loose	1	7804010372

Plug-in nipples ARO



Plug-in nipples ARO with male thread
- For use with ARO and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
Male thread	1/4"	Self-service packaging	1	628730000*
Male thread	3/8"	Self-service packaging	1	628731000*
Male thread	1/2"	Self-service packaging	1	628734000*



Plug-in nipples ARO with female thread
- For use with ARO and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
Female thread	1/4"	Self-service packaging	1	628732000*
Female thread	3/8"	Self-service packaging	1	628733000*
Female thread	1/2"	Self-service packaging	1	628735000*



Plug-in nipples ARO with nozzle
- For use with ARO and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
with spout	6 mm	Self-service packaging	1	628720000*
with spout	9 mm	Self-service packaging	1	628721000*
with spout	13 mm	Self-service packaging	1	628722000*

*Self-service packaging

Plug-in nipples ISO



Plug-in nipples ISO with male thread
- For use with ISO and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
Male thread	1/4"	Self-service packaging	1	628747000*
Male thread	3/8"	Self-service packaging	1	628748000*
Male thread	1/2"	Self-service packaging	1	628749000*



Plug-in nipples ISO with female thread
- For use with ISO and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
Female thread	1/4"	Self-service packaging	1	628754000*
Female thread	3/8"	Self-service packaging	1	628755000*
Female thread	1/2"	Self-service packaging	1	628756000*



Plug-in nipples ISO with nozzle
- For use with ISO and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
with spout	6 mm	Self-service packaging	1	628740000*
with spout	9 mm	Self-service packaging	1	628741000*
with spout	13 mm	Self-service packaging	1	628746000*

Double nipples



Version	Connecting size	Packaging	Sales unit	Order no.
Male thread x male thread	1/4" x 1/4"	Self-service packaging	1	0901026130*
Male thread x male thread	3/8" x 3/8"	Self-service packaging	1	0901026149*
Male thread x male thread	1/2" x 1/2"	Self-service packaging	1	0901026157*
Male thread x male thread	1/4" x 1/4"	Loose	1	7806009185
Male thread x male thread	3/8" x 3/8"	Loose	1	7806034996
Male thread x male thread	1/2" x 1/2"	Loose	1	7806009207

Reducing double nipples



Version	Connecting size	Packaging	Sales unit	Order no.
Male thread x male thread	1/4" x 3/8"	Self-service packaging	1	0901026173*
Male thread x male thread	1/4" x 1/2"	Self-service packaging	1	0901026190*
Male thread x male thread	3/8" x 1/2"	Self-service packaging	1	0901026203*
Male thread x male thread	1/8" x 1/4"	Loose	1	7808009247

Reducers



Version	Connecting size	Packaging	Sales unit	Order no.
Female thread x male thread	1/4" x 3/8"	Self-service packaging	1	0901026220*
Female thread x male thread	1/4" x 1/2"	Self-service packaging	1	0901026238*
Female thread x male thread	3/8" x 1/2"	Self-service packaging	1	0901026246*
Female thread x male thread	1/2" x 3/4"	Self-service packaging	1	0901026254*
Female thread x male thread	1/8" x 1/4"	Loose	1	7809009275
Female thread x male thread	1/4" x 3/8"	Loose	1	7809009283
Female thread x male thread	1/4" x 1/2"	Loose	1	7809035764
Female thread x male thread	3/8" x 1/2"	Loose	1	7809009291

Hose nozzles



Hose nozzles with male thread
- Brass hose nozzle

Version	Connecting size	Packaging	Sales unit	Order no.
Male thread x sleeve	1/4" x 6 mm	Self-service packaging	1	0901026041*
Male thread x sleeve	1/4" x 9 mm	Self-service packaging	1	0901026068*
Male thread x sleeve	3/8" x 6 mm	Self-service packaging	1	0901026050*
Male thread x sleeve	3/8" x 9 mm	Self-service packaging	1	0901026076*
Male thread x sleeve	1/4" x 6 mm	Loose	1	7805009343
Male thread x sleeve	3/8" x 6 mm	Loose	1	7805009351
Male thread x sleeve	1/4" x 9 mm	Loose	1	7805009440
Male thread x sleeve	3/8" x 9 mm	Loose	1	7805009483
Male thread x sleeve	1/4" x 13 mm	Loose	1	7805033767
Male thread x sleeve	1/2" x 13 mm	Loose	1	7805009300
Male thread x sleeve	3/8" x 13 mm	Loose	1	7805009319



Hose nozzles with female thread
- Brass hose nozzle

Version	Connecting size	Packaging	Sales unit	Order no.
Female thread x sleeve	1/4" x 6 mm	Self-service packaging	1	0901026084*
Female thread x sleeve	1/4" x 9 mm	Self-service packaging	1	0901026092*
Female thread x sleeve	3/8" x 6 mm	Self-service packaging	1	0901026289*
Female thread x sleeve	3/8" x 9 mm	Self-service packaging	1	0901026106*
Female thread x sleeve	3/8" x 6 mm	Loose	1	7805009459
Female thread x sleeve	1/4" x 6 mm	Loose	1	7805009416
Female thread x sleeve	1/4" x 9 mm	Loose	1	7805009432
Female thread x sleeve	3/8" x 9 mm	Loose	1	7805009475

*Self-service packaging

Hose connection sleeve



Version	Connecting size	Packaging	Sales unit	Order no.
Sleeve x sleeve	6 mm x 6 mm	Self-service packaging	1	0901026378*
Sleeve x sleeve	9 mm x 9 mm	Self-service packaging	1	0901026386*
Sleeve x sleeve	6 mm x 6 mm	Loose	1	7807009367
Sleeve x sleeve	9 mm x 9 mm	Loose	1	7807009375

Clamps

	From Ø mm	To Ø mm	Packaging	Sales unit	Order no.
	**Screw clamps**				
	9.5	11.5	Self-service packaging	5	0901026777*
	12	20	Self-service packaging	5	0901026807*
	**Screw clamps**				
	11	13	Self-service packaging	5	0901054983*
	13	15	Self-service packaging	5	0901054991*

Fabric sealing tape

	Order no.
 **Fabric sealing tape** ■ Seals without hemp or sealing paste ■ For metal and plastic threaded joints Length on roll: 12 m	0901026319*

*Self-service packaging





14







Water and Pump Technology

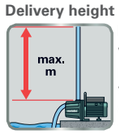
Drainage: Which pump for which application?

	Clear water									Dirty water						
	Clear Water Submersible Pumps							Combination Pumps		Construction and Dirty Water Pumps				Dirty Water Submersible Pumps		
	TP 6600	TPF 6600 SN	TPF 7000 S	TP 7500 SI	TP 8000 S	TP 12000 SI	TP 13000 S	TPS 14000 S Combi	TPS 16000 S Combi	DP 18-5 SA	DP 28-10 S Inox	SP 24-46 SG	SP 28-50 S Inox	PS 7500 S	PS 15000 S	PS 18000 SN
Pumping empty, circulation of clear water from containers, pools, ponds etc.	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Pumping empty, circulation of dirty water								■	■	■	■	■	■	■	■	■
Low-intake suction		■	■	■		■		■	■							
Minimal residual water level after pumping empty (mm)	7	2	2	2	7	2	4	3	3	22	28	41	48	34	39	48
Shaft drainage (depending on the size of the shaft)								■	■	■	■	■	■	■	■	■
Drainage of clear water from cellars / ponds	■	■	■	■	■	■	■	■	■							
Drainage of very dirty water from cellars / ponds										■	■					
Pumping-dry construction pits and flooded areas										■	■	■	■			
High water protection								■	■	■	■	■	■			
Fire and water restoration								■	■	■	■	■	■			
Agricultural use										■	■	■	■			
Industrial use												■	■			

Irrigation: Which pump for which application?

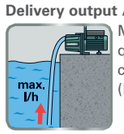
	Irrigation									Domestic Water Supply												
	Garden Pumps						Submersible Pressure Pump	Deep Well Pumps		Domestic Waterworks										Automatic Domestic Water Systems		
	P 2000 G	P 3300 G	P 4000 G	P 4500 Inox	P 6000 Inox	P 9000G	TDP 7501 S	TBP 4000 M	TBP 5000 M	HWW 3300/25 G	HWW 3500/25 Inox	HWWI 3500/25 Inox	HWW 4000/25 G	HWW 4500/25 Inox	HWW 4500/25 Inox Plus	HWWI 4500/25 Inox	HWW 6000/25 Inox	HWW 6000/50 Inox	HWW 9000/100 G	HWA 3500 Inox	HWAI 4500 Inox	HWA 6000 Inox
Groundwater pumping	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Garden irrigation	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Garden irrigation: Number of possible attachments (e.g. sprinkler, showers)	2	2	2	3	4	6	3	3	3	2	2	2	3	3	3	3	4	4	6	2	3	4
Pumping, pumping empty, circulation of clear water	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Automatic Domestic Water Supply										■	■	■	■	■	■	■	■	■	■	■	■	■
Pumping of water from wells, deeper springs							■	■	■													
Pumping of water from greater depths e.g. bore holes / shafts min. Ø 100 mm								■	■													
Pressure increase										■	■	■	■	■	■	■	■	■	■	■	■	■
Automatic water supply in the agricultural area																			■			

Delivery height



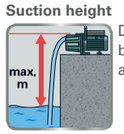
Maximum height to which the water is pumped upwards vertically in a hose (10 m corresponds to 1 bar pressure)

Delivery output / delivery rate



Maximum water quantity that can be pumped (l/h or l/min)

Suction height



Difference in height between water level and pump

Free passage

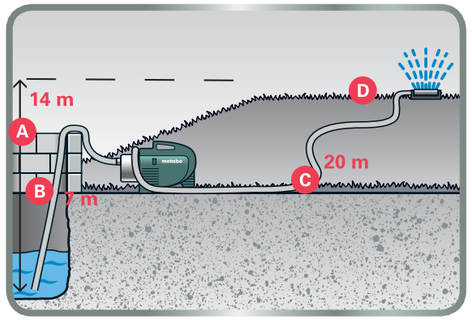


Max. grain / particle size that can be processed by the pump

Calculation of the required delivery output and the required pressure.

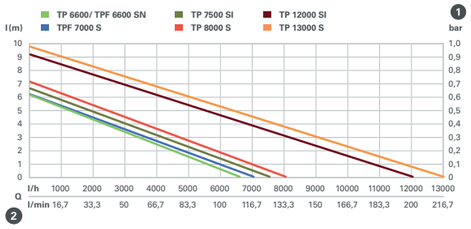
Calculation example for required pressure		Calculation
A	Delivery height Suction height + pressure head (10 m = 1 bar)	14 m : 10 = 1.4 +
B	Length suction hose (Calculation friction loss with a hose Ø 1"= 0.005)	7 m x 0,005 = 0,035 +
C	Length pressure hose (Calculation friction loss with a hose Ø 3/4"= 0.015)	20 m x 0,015 = 0.3 +
	Required minimum pressure in general	2 bar =
1	Required minimum pressure in total:	3.7 bar

Calculation example required amount of water		Calculation
D	Delivery rate (water consumption of all connected consumers, e.g. sprinkler, toilet)	700 l/h +
	Water requirements house (Estimate 1 house with 5 persons)	2,000 l/h =
2	Required amount of water in total:	2,700 l/h

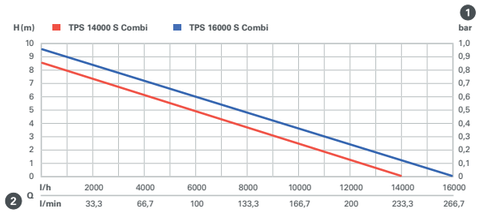


Pump characteristics

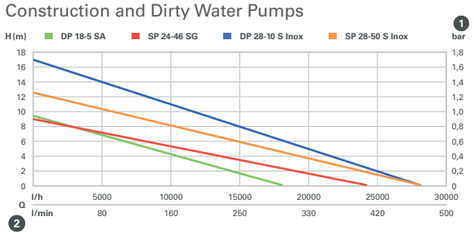
Clear Water Submersible Pumps



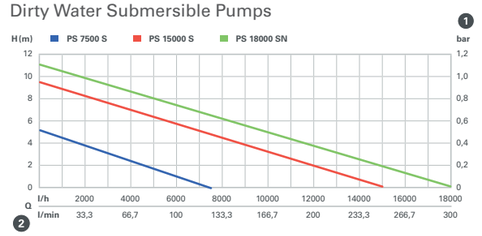
Combi Submersible Pumps



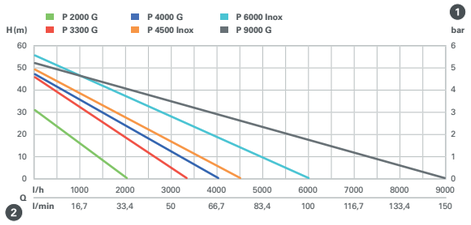
Construction and Dirty Water Pumps



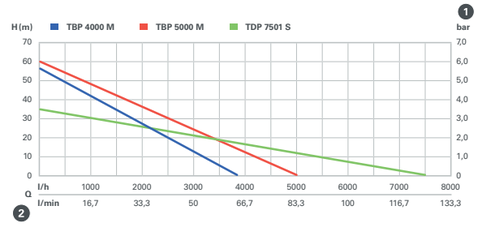
Dirty Water Submersible Pumps



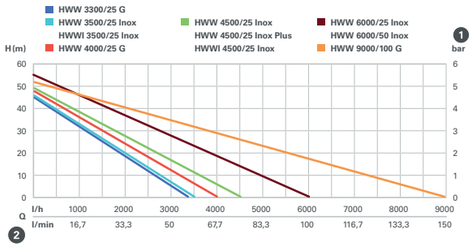
Garden Pumps



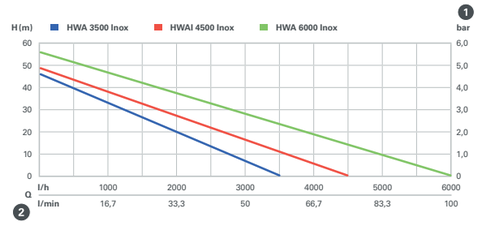
Deep Well Pumps / Submersible Pressure Pumps



Domestic Waterworks



Automatic Domestic Water Systems









Technical data	Clear Water Submersible Pump TP 6600	Clear Water Submersible Pump TP 8000 S	Clear Water Submersible Pump TP 13000 S
Rated input power	250 W	350 W	550 W
Maximum delivery rate	6,600 l/h	8,000 l/h	13,000 l/h
Maximum delivery height	6 m	7 m	9.5 m
Maximum pressure	0.6 bar	0.7 bar	0.95 bar
Maximum immersion depth	5 m	5 m	5 m
Discharge port	1 1/4" female thread	1 1/4" female thread	1 1/4" female thread
Pump housing	Plastic	Plastic	Plastic
Number of impellers	1	1	1
Weight	4.3 kg	4.3 kg	5 kg
Cable length	10 m	10 m	10 m
Scope of delivery			
Order no.	**0250660000**	**0250800000**	**0251300000**
Angle connection piece with multi-adapter	■	■	■
Float switch		■	■
Product advantages		■ Adjustable float switch for automatic mode	■ Adjustable float switch for automatic mode

- For pumping empty, pumping dry and circulating clear water from containers, tanks, tanks or flooded cellars
- For garden irrigation from water reservoirs
- Overload protection: protects the motor from overheating
- Robust housing made of impact-proof plastic
- Ergonomic handle for comfortable transport

System components

Accessories → 559





Technical data	Flat-suction Clear Water Submersible Pump TPF 6600 SN	Flat-suction Clear Water Submersible Pump TPF 7000 S
Rated input power	450 W	450 W
Maximum delivery rate	6,600 l/h	7,000 l/h
Maximum delivery height	6 m	6 m
Maximum pressure	0.6 bar	0.6 bar
Maximum immersion depth	5 m	5 m
Discharge port	1 1/4" female thread	1 1/4" female thread
Pump housing	Stainless steel	Plastic
Number of impellers	1	1
Weight	4.6 kg	4.6 kg
Cable length	10 m	10 m
Scope of delivery		
Order no.	**0250660006**	**0250800002**
Angle connection piece with multi-adapter	■	■
Float switch	■	■
Product advantages	■ Durable housing made of non-corrosive stainless steel	■ Robust housing made of impact-proof plastic

- For pumping empty, pumping dry and circulating clear water from containers, tanks, tanks or flooded cellars
- For garden irrigation from water reservoirs
- Overload protection: protects the motor from overheating
- Low-intake level up to a residual water level of 2-3 mm
- Adjustable float switch for automatic mode
- Ergonomic handle for comfortable transport

System components

Accessories → 559





Technical data	Flat-suction Clear Water Submersible Pump TP 7500 SI	Flat-suction Clear Water Submersible Pump TP 12000 SI
Rated input power	300 W	600 W
Maximum delivery rate	7,500 l/h	11,700 l/h
Maximum delivery height	6.5 m	9 m
Maximum pressure	0.65 bar	0.9 bar
Maximum immersion depth	5 m	7 m
Discharge port	1 1/4" Male Thread	1 1/4" Male Thread
Pump housing	Plastic	Plastic
Number of impellers	1	1
Weight	4.2 kg	5.1 kg
Cable length	10 m	10 m

Scope of delivery

Order no.	0250750013	0251200009
Multi-adapter	■	■

Product advantages

- For pumping empty, pumping dry and circulating clear water from containers, tanks, tanks or flooded cellars
- For garden irrigation from water reservoirs
- Overload protection: protects the motor from overheating
- Low-intake level up to a residual water level of 2-3 mm
- Integrated float switch for automatic mode
- Integrated check valve and automatic bleed
- Problem-free use in narrower shafts up to 25 x 25 cm
- Universal port

System components

Accessories → 559



Technical data	Submersible Pressure Pump TDP 7501 S
Rated input power	1,000 W
Maximum delivery rate	7,500 l/h
Maximum delivery height	34 m
Maximum pressure	3.4 bar
Maximum immersion depth	7 m
Discharge port	1" female thread
Pump housing	Plastic
Number of impellers	3
Weight	9.1 kg
Cable length	10 m

Scope of delivery

Order no.	0250750100
Multi-adapter	■
Float switch	■

Product advantages

- For garden irrigation from water reservoirs
- For directly operating irrigation systems as well as for watering and garden irrigation using bore water, wells or cisterns
- For garden irrigation with 1 to 3 sprinklers
- 3-level pump gearing provides optimum pressure build-up
- Overload protection: protects the motor from overheating
- Adjustable float switch for automatic mode
- Integrated non-return valve reliably prevents the water pipe from running dry
- Robust housing made of impact-proof plastic
- Ergonomic handle for comfortable transport

System components

Accessories → 559











Technical data	Combi Submersible Pump TPS 14000 S Combi	Combi Submersible Pump TPS 16000 S Combi
Rated input power	770 W	970 W
Maximum delivery rate	14,000 l/h	16,000 l/h
Maximum delivery height	8.5 m	9.5 m
Maximum pressure	0.85 bar	0.95 bar
Maximum immersion depth	7 m	7 m
Discharge port	1 1/2" female thread	1 1/2" female thread
Pump housing	Plastic	Plastic
Maximum particle size up to	20 mm	30 mm
Number of impellers	1	1
Weight	7.7 kg	7.8 kg
Cable length	10 m	10 m

Scope of delivery

Order no.	0251400000	0251600000
Angle connection piece with multi-adapter	■	■
Float switch	■	■

Product advantages

- As dirty water submersible pump suitable for coarse fluids with a particle size of up to 20 mm
- As dirty water submersible pump suitable for coarse fluids with a particle size of up to 30 mm

- Multi-functional use as submersible pump for fresh water or dirty water
- For pumping empty, pumping dry and circulating fresh water and dirty water from containers, tanks or flooded cellars
- For garden irrigation from water reservoirs
- Low-intake up to 1 mm in clear water mode
- Simple and comfortable adjustment of the pump base for the required function
- Double seal system for protection of the pump if the water is particularly dense or contains large particles
- Overload protection: protects the motor from overheating
- Adjustable float switch for automatic mode
- Easy switching over from automatic mode with float switch to manual mode for low-intake suction
- Housing made of impact-proof plastic
- Ergonomic handle for comfortable transport

System components

Accessories → 559

Technical data	Dirty Water Submersible Pump PS 7500 S	Dirty Water Submersible Pump PS 15000 S	Dirty Water Submersible Pump PS 18000 SN
Rated input power	450 W	850 W	1,100 W
Maximum delivery rate	7,500 l/h	15,000 l/h	19,000 l/h
Maximum delivery height	5 m	9.5 m	11 m
Maximum pressure	0.5 bar	0.95 bar	1.1 bar
Maximum immersion depth	5 m	5 m	7 m
Discharge port	1 1/4" female thread	1 1/4" female thread	1 1/2" female thread
Pump housing	Plastic	Plastic	Stainless steel
Maximum particle size up to	30 mm	30 mm	35 mm
Number of impellers	1	1	1
Weight	4.8 kg	6.5 kg	7.9 kg
Cable length	10 m	10 m	10 m

Scope of delivery

Order no.	0250750000	0251500000	0251800000
Angle connection piece with multi-adapter	■	■	■
Float switch	■	■	■

Product advantages

- Robust housing made of impact-proof plastic
- Robust housing made of impact-proof plastic
- Durable housing made of non-corrosive stainless steel

- For pumping empty, pumping dry and circulating fresh water or dirty water from containers, tanks or flooded cellars
- For garden irrigation from water reservoirs
- Double seal system for protection of the pump if the water is particularly dense or contains large particles
- Overload protection: protects the motor from overheating
- Adjustable float switch for automatic mode
- Ergonomic handle for comfortable transport

System components

Accessories → 559





Technical data	Drainage Pump DP 18-5 SA	Drainage Pump DP 28-10 S Inox
Rated input power	900 W	1,850 W
Maximum delivery rate	18,000 l/h	28,000 l/h
Maximum delivery height	9.4 m	17 m
Maximum pressure	0.94 bar	1.7 bar
Maximum immersion depth	7 m	7 m
Discharge port	1 1/2" female thread	1 1/2" female thread
Pump housing	Aluminium	Stainless steel
Maximum particle size up to	5 mm	10 mm
Number of impellers	1	1
Weight	10 kg	18.5 kg
Cable length	10 m	10 m
Scope of delivery		
Order no.	**604111**	**604112**
Float switch	■	■

Product advantages

- Mechanical seal for protection of the pump if the water is particularly dense or contains large particles
- Ideal motor cooling by means of the conveyed medium even when the water level is low
- Double mechanical seal with oil chamber for ideal protection of the pump if the water is very dirty
- Durable pump housing made of non-corrosive, high-quality stainless steel

- For effective pumping of large quantities of dirty water, rain water, ground water and water on construction sites
- Self-cleaning Vortex-impeller to minimise blockages
- Designed for continuous mode with S1 motor operating mode
- Overload protection: protects the motor from overheating
- Float switch for automatic mode
- Suitable for mobile and stationary use thanks to ergonomic handles and stability

System components

Accessories → 559





Technical data	Dirty Water Pump SP 24-46 SG	Dirty Water Pump SP 28-50 S Inox
Rated input power	900 W	1,470 W
Maximum delivery rate	24,000 l/h	28,000 l/h
Maximum delivery height	9 m	12 m
Maximum pressure	0.9 bar	1.2 bar
Maximum immersion depth	7 m	7 m
Discharge port	2" female thread	2" female thread
Pump housing	Grey cast iron	Stainless steel
Maximum particle size up to	46 mm	50 mm
Number of impellers	1	1
Weight	17.9 kg	19.3 kg
Cable length	10 m	10 m
Scope of delivery		
Order no.	**604113**	**604114**
Float switch	■	■

Product advantages

- Mechanical seal for protection of the pump if the water is particularly dense or contains large particles
- For very coarse dirty water with solid bodies of up to Ø 50 mm
- Double mechanical seal with oil chamber for ideal protection of the pump if the water is very dirty
- Durable pump housing made of non-corrosive, high-quality stainless steel

- For drainage and pumping dry of construction pits, cellars and shafts. Also for pumping sewage and waste water in industrial and domestic environments.
- Self-cleaning Vortex-impeller to minimise blockages
- Designed for continuous mode with S1 motor operating mode
- Overload protection: protects the motor from overheating
- Float switch for automatic mode
- Suitable for mobile and stationary use thanks to ergonomic handles and stability

System components

Accessories → 559







Technical data	Garden Pump P 2000 G	Garden Pump P 3300 G	Garden Pump P 4000 G
Rated input power	450 W	900 W	1,100 W
Maximum delivery rate	2,000 l/h	3,300 l/h	4,000 l/h
Maximum delivery height	30 m	45 m	46 m
Maximum pressure	3 bar	4.5 bar	4.6 bar
Maximum suction height	8 m	8 m	8 m
Suction port	1" female thread	1" female thread	1" female thread
Discharge port	1" female thread	1" female thread	1" female thread
Pump housing	Grey cast iron	Grey cast iron	Grey cast iron
Drive shaft	Stainless steel	Stainless steel	Stainless steel
Number of impellers	1	1	1
Weight	7.6 kg	11.1 kg	12.2 kg
Cable length	1.5 m	1.5 m	1.5 m
Scope of delivery			
Order no.	**600962**	**600963**	**600964**
Fabric sealing tape	■	■	■

Product advantages

■ For garden irrigation with 1 or 2 sprinklers	■ For garden irrigation with 1 or 2 sprinklers	■ For garden irrigation with 1 to 3 sprinklers

- For garden irrigation and groundwater pumping as well as pumping, pumping empty, circulation of clear water
- Maintenance-free capacitor motor
- Overload protection: protects the motor from overheating
- High-quality slip seal system for long service life
- Separate water filling opening for simple operation of the pump
- Water drain plug (removable without tools) for protection in case of frost
- Rubberised feet for low-noise and low-vibration operation
- Ergonomic handle for comfortable transport

System components

Accessories → 561





Technical data	Garden Pump P 4500 Inox	Garden Pump P 6000 Inox
Rated input power	1,300 W	1,300 W
Maximum delivery rate	4,500 l/h	6,000 l/h
Maximum delivery height	48 m	55 m
Maximum pressure	4.8 bar	5.5 bar
Maximum suction height	8 m	8 m
Suction port	1" female thread	1" female thread
Discharge port	1" female thread	1" female thread
Pump housing	Stainless steel	Stainless steel
Drive shaft	Stainless steel	Stainless steel
Number of impellers	1	5
Weight	10.6 kg	12.7 kg
Cable length	1.5 m	1.5 m
Scope of delivery		
Order no.	**600965**	**600966**
Fabric sealing tape	■	■

Product advantages

■ For garden irrigation with 1 to 3 sprinklers	■ Metabo pump protection: automatic dry-run protection with LED display to protect the pump and high user safety ■ Multi-level pump running gear for high performance and low-noise operation ■ For garden irrigation with 1 to 4 sprinklers

- For garden irrigation and groundwater pumping as well as pumping, pumping empty, circulation of clear water
- Maintenance-free capacitor motor
- Overload protection: protects the motor from overheating
- High-quality slip seal system for long service life
- Durable stainless steel pump housing
- Separate water filling opening for simple operation of the pump
- Water drain plug (removable without tools) for protection in case of frost
- Rubberised feet for low-noise and low-vibration operation
- Ergonomic handle for comfortable transport

System components

Accessories → 561





Technical data	Garden Pump P 9000 G
Rated input power	1,900 W
Maximum delivery rate	9,000 l/h
Maximum delivery height	51 m
Maximum pressure	5.1 bar
Maximum suction height	9 m
Suction port	1 1/4" female thread
Discharge port	1" female thread
Pump housing	Grey cast iron
Drive shaft	Stainless steel
Number of impellers	1
Weight	25.1 kg
Cable length	1.5 m

Scope of delivery

Order no.	600967
Fabric sealing tape	■

Product advantages

- For garden irrigation and groundwater pumping as well as pumping, pumping empty, circulation of clear water
- Maintenance-free capacitor motor
- Overload protection: protects the motor from overheating
- High-quality slip seal system for long service life
- For garden irrigation with 1 to 6 sprinklers

System components

Accessories → 561

Domestic Waterworks: Well Supplied.

With our domestic waterworks, you can supply water for flushing WCs, washing machines or other domestic appliances with free rain or well water - thus saving money. These powerful units will deliver a water supply at a pressure of up to 5.5 bar from their robust tank. The Metabo pump protection with dry-run protection offers maximum safety for man and machine.
The initial operation of our complete systems is particularly easy: Filter and check valve are integrated in the compact design.



Integrated filter

Integrated check valve
prevents running the pump dry when it is switched off, and for a short restart time during a new start

Water drain plug (removable without tools)
for protection in case of frost

Metabo pump protection
Automatic dry-run protection with LED display to protect the pump and for high user safety

Overload protection
protects the motor from overheating

Maintenance-free capacitor motor

High-quality mechanical seal system
for long service life

HWWI 4500/25 Inox



Domestic Waterworks
For automatic water supply, for garden irrigation and groundwater pumping as well as pumping, pumping empty, circulation of clear water



Automatic activation
Pressure switch for automatic activation of the domestic water system



Integrated accessory
Filter and check valve protect the pump from dirt and ensure seamless operation.





Technical data	Domestic Waterworks HWW 3300/25 G	Domestic Waterworks HWW 3500/25 Inox
Rated input power	900 W	900 W
Maximum delivery rate	3,300 l/h	3,500 l/h
Maximum delivery height	45 m	45 m
Maximum pressure	4.5 bar	4.5 bar
Maximum suction height	8 m	8 m
Switch-on pressure approx.	1.4 bar	1.4 bar
Switch-off pressure approx.	3.2 bar	3.2 bar
Suction port	1" female thread	1" female thread
Discharge port	1" female thread	1" female thread
Tank capacity, approximately	24 l	24 l
Pump housing	Grey cast iron	Stainless steel
Drive shaft	Stainless steel	Stainless steel
Tank	Steel	Steel
Number of impellers	1	1
Weight	16.2 kg	14.6 kg
Cable length	1.5 m	1.5 m

Scope of delivery

Order no.	600968	600969
Check valve	■	■
Fabric sealing tape	■	■

Product advantages

■ Durable stainless steel pump housing

- For automatic water supply, for garden irrigation and groundwater pumping as well as pumping, pumping empty, circulation of clear water
- Pressure vessel for energy-saving and low-noise provision of water
- Pressure switch for automatic activation of the domestic water system in case of increased water demand
- Maintenance-free capacitor motor
- Overload protection: protects the motor from overheating
- High-quality slip seal system for long service life
- Separate water filling opening for simple operation of the pump
- Water drain plug (removable without tools) for protection in case of frost
- For garden irrigation with 1 or 2 sprinklers
- For single phase alternating current

System components

Accessories → 561







Technical data	Domestic Waterworks HWW 4000/25 G	Domestic Waterworks HWW 4500/25 Inox	Domestic Waterworks HWW 4500/25 Inox Plus
Rated input power	1,100 W	1,300 W	1,300 W
Maximum delivery rate	4,000 l/h	4,500 l/h	4,500 l/h
Maximum delivery height	46 m	48 m	48 m
Maximum pressure	4.6 bar	4.8 bar	4.8 bar
Maximum suction height	8 m	8 m	8 m
Switch-on pressure approx.	1.4 bar	1.8 bar	1.8 bar
Switch-off pressure approx.	3.2 bar	3.6 bar	3.6 bar
Suction port	1" female thread	1" female thread	1" female thread
Discharge port	1" female thread	1" female thread	1" female thread
Tank capacity, approximately	24 l	24 l	24 l
Pump housing	Grey cast iron	Stainless steel	Stainless steel
Drive shaft	Stainless steel	Stainless steel	Stainless steel
Tank	Steel	Steel	Stainless steel
Number of impellers	1	1	1
Weight	17.2 kg	17.1 kg	16.2 kg
Cable length	1.5 m	1.5 m	1.5 m

Scope of delivery

Order no.	600971	600972	600973
Check valve	■	■	■
Fabric sealing tape	■	■	■

Product advantages

■ Durable stainless steel pump housing

■ Durable stainless steel pump housing and stainless steel tank

- For automatic water supply, for garden irrigation and groundwater pumping as well as pumping, pumping empty, circulation of clear water
- Pressure vessel for energy-saving and low-noise provision of water
- Pressure switch for automatic activation of the domestic water system in case of increased water demand
- Maintenance-free capacitor motor
- Overload protection: protects the motor from overheating
- High-quality slip seal system for long service life
- Separate water filling opening for simple operation of the pump
- Water drain plug (removable without tools) for protection in case of frost
- For garden irrigation with 1 to 3 sprinklers
- For single phase alternating current

System components

Accessories → 561





Technical data	Domestic Waterworks HWWI 3500/25 Inox	Domestic Waterworks HWWI 4500/25 Inox
Rated input power	1,100 W	1,300 W
Maximum delivery rate	3,500 l/h	4,500 l/h
Maximum delivery height	45 m	48 m
Maximum pressure	4.5 bar	4.8 bar
Maximum suction height	8 m	8 m
Switch-on pressure approx.	1.6 bar	1.6 bar
Switch-off pressure approx.	4.5 bar	4.8 bar
Suction port	1" female thread	1" female thread
Discharge port	1" female thread	1" female thread
Tank capacity, approximately	24 l	24 l
Pump housing	Stainless steel	Stainless steel
Drive shaft	Stainless steel	Stainless steel
Tank	Steel	Steel
Number of impellers	1	1
Weight	17.5 kg	17.8 kg
Cable length	1.5 m	1.5 m

Scope of delivery

Order no.	600970	600974
Fabric sealing tape	■	■
Filter key	■	■

Product advantages

- For garden irrigation with 1 or 2 sprinklers
- For garden irrigation with 1 to 3 sprinklers
- Complete system in compact design with integrated filter and check valve integrated as standard for easy installation
- For automatic water supply, for garden irrigation and groundwater pumping as well as pumping, pumping empty, circulation of clear water
- Pressure vessel for energy-saving and low-noise provision of water
- Electronic pressure switch for automatic activation of the domestic water system in case of increased water demand
- Metabo pump protection: automatic dry-run protection with LED display to protect the pump and high user safety
- Integrated, washable filter protects the pump from contamination
- Integrated check valve prevents dry running of the pump when it is switched off, enabling a short restart process
- Maintenance-free capacitor motor
- Overload protection: protects the motor from overheating
- High-quality slip seal system for long service life
- Durable stainless steel pump housing
- Separate water filling opening for simple operation of the pump
- Water drain plug (removable without tools) for protection in case of frost
- For single phase alternating current

System components

Accessories → 561





Technical data	Domestic Waterworks HWW 6000/25 Inox	Domestic Waterworks HWW 6000/50 Inox
Rated input power	1,300 W	1,300 W
Maximum delivery rate	6,000 l/h	6,000 l/h
Maximum delivery height	55 m	55 m
Maximum pressure	5.5 bar	5.5 bar
Maximum suction height	8 m	8 m
Switch-on pressure approx.	1.6 bar	1.6 bar
Switch-off pressure approx.	5.5 bar	5.5 bar
Suction port	1" female thread	1" female thread
Discharge port	1" female thread	1" female thread
Tank capacity, approximately	24 l	50 l
Pump housing	Stainless steel	Stainless steel
Drive shaft	Stainless steel	Stainless steel
Tank	Steel	Steel
Number of impellers	5	5
Weight	18.9 kg	22.1 kg
Cable length	1.5 m	1.5 m

Scope of delivery

Order no.	600975	600976
Check valve	■	■
Fabric sealing tape	■	■

Product advantages

- For automatic water supply, for garden irrigation and groundwater pumping as well as pumping, pumping empty, circulation of clear water
- Pressure vessel for energy-saving and low-noise provision of water
- Electronic pressure switch for automatic activation of the domestic water system in case of increased water demand
- Metabo pump protection: automatic dry-run protection with LED display to protect the pump and high user safety
- Multi-level pump running gear for high performance and low-noise operation
- Maintenance-free capacitor motor
- Overload protection: protects the motor from overheating
- High-quality slip seal system for long service life
- Durable stainless steel pump housing
- Separate water filling opening for simple operation of the pump
- Water drain plug (removable without tools) for protection in case of frost
- For garden irrigation with 1 to 4 sprinklers
- For single phase alternating current

System components

Accessories → 561



Technical data	Domestic Waterworks HWW 9000/100 G
Rated input power	1,900 W
Maximum delivery rate	9,000 l/h
Maximum delivery height	51 m
Maximum pressure	5.1 bar
Maximum suction height	9 m
Switch-on pressure approx.	1.5 bar
Switch-off pressure approx.	3.9 bar
Suction port	1 1/4" female thread
Discharge port	1" female thread
Tank capacity, approximately	100 l
Pump housing	Grey cast iron
Drive shaft	Stainless steel
Tank	Steel
Number of impellers	1
Weight	39.9 kg
Cable length	1.5 m

Scope of delivery

Order no.	600977
Check valve	■
Fabric sealing tape	■

Product advantages

- For automatic water supply, for garden irrigation and groundwater pumping as well as pumping, pumping empty, circulation of clear water
- Pressure vessel for energy-saving and low-noise provision of water
- Pressure switch for automatic activation of the domestic water system in case of increased water demand
- Maintenance-free capacitor motor
- Overload protection: protects the motor from overheating
- High-quality slip seal system for long service life
- For garden irrigation with 1 to 6 sprinklers
- For single phase alternating current

System components

Accessories → 561







Technical data	Automatic Domestic Water System HWA 3500 Inox	Automatic Domestic Water System HWAI 4500 Inox	Automatic Domestic Water System HWA 6000 Inox
Rated input power	1,100 W	1,300 W	1,300 W
Maximum delivery rate	3,500 l/h	4,500 l/h	6,000 l/h
Maximum suction height	8 m	8 m	8 m
Maximum delivery height	45 m	48 m	55 m
Maximum pressure	4.5 bar	4.8 bar	5.5 bar
Switch-on pressure approx.	1.6 bar	1.6 bar	1.6 bar
Switch-off pressure approx.	4.5 bar	4.8 bar	5.5 bar
Suction port	1" female thread	1" female thread	1" female thread
Discharge port	1" female thread	1" female thread	1" female thread
Pump housing	Stainless steel	Stainless steel	Stainless steel
Drive shaft	Stainless steel	Stainless steel	Stainless steel
Number of impellers	1	1	5
Weight	10.6 kg	11.5 kg	13 kg
Cable length	1.5 m	1.5 m	1.5 m

Scope of delivery

Order no.	600978	600979	600980
Check valve	■		■
Fabric sealing tape	■	■	■
Filter key		■	

Product advantages

- For garden irrigation with 1 or 2 sprinklers
- Complete system in compact design with integrated filter and check valve integrated as standard for easy installation
- Integrated, washable filter protects the pump from contamination
- Integrated check valve prevents dry running of the pump when it is switched off, enabling a short restart process
- For garden irrigation with 1 to 3 sprinklers
- Multi-level pump running gear for high performance and low-noise operation
- For garden irrigation with 1 to 4 sprinklers

- For automatic water supply, for garden irrigation and groundwater pumping as well as pumping, pumping empty, circulation of clear water
- Intelligent electronics for automatic appropriate and energy-saving modes
- Metabo pump protection: automatic dry-run protection with LED display to protect the pump and high user safety
- Maintenance-free capacitor motor
- Overload protection: protects the motor from overheating
- High-quality slip seal system for long service life
- Durable stainless steel pump housing
- Separate water filling opening for comfortable operation of the pump
- Water drain plug (removable without tools) for protection in case of frost

System components

Accessories → 561





Technical data	Deep Well Pump TBP 4000 M	Deep Well Pump TBP 5000 M
Rated input power	750 W	1,000 W
Maximum delivery rate	3,800 l/h	5,000 l/h
Maximum delivery height	55 m	60 m
Maximum pressure	5.5 bar	6 bar
Maximum immersion depth	20 m	20 m
Discharge port	1" female thread	1" female thread
Pump housing	Stainless steel/plastic	Stainless steel
Pump diameter	98 mm	98 mm
Number of impellers	7	8
Weight	12 kg	12.2 kg
Cable length	22 m	22 m
Scope of delivery		
Order no.	**0250400055**	**0250500050**

Product advantages

- 7-level pump running gear for particularly high pump capacity
- Pump housing made of stainless steel and impact-resistant plastic

- 8-level pump running gear for particularly high pump capacity
- Pump housing made of stainless steel

- Especially suitable for great depths, as in bore wells and shafts
- For garden irrigation and groundwater pumping, as well as pumping, pumping empty, pumping dry and circulation of clear water
- Overload protection: protects the motor from overheating
- Integrated check valve prevents dry running of the pump when it is switched off, enabling a short restart process
- Robust pump head with brass thread insert and fixing eyelets for the drain rope
- Suitable for bore wells of 100 mm Ø (4")
- 22 m Connection cable for more immersion depth

System components

Accessories → 561

Multi-adapters

- For connecting submersible pumps or domestic waterworks to discharge, suction or garden hoses

		Order no.
	**Multi-adapter, 1"** 1" Male x 1" nozzle x 3/4" Female x 3/4" nozzle	0903018410*
	**Multi-adapter, 1 1/4"** 1 1/4" Female x 1 1/2" nozzle x 1" Male x 1" nozzle Double nipple, 1 1/4" Male Thread	0903061677*
	**Multi-adapter, 1 1/2"** 1 1/2" Male x 2" nozzle x 1 1/4" Male x 1 1/2" nozzle	0903061685*

Angle Connections with Multi-adapter

- For connecting submersible pumps to quick-action couplings or discharge, suction or garden hoses

		Order no.
	**Angle connection with multi-adapter 1 1/4"** Angle connection: 1 1/4" male thread / 1 1/4" male thread Multi-adapter: 1 1/4" female thread, 1 1/4" nozzle, 1 1/4" male thread, 1" nozzle	0903064846*
	**Angle connection with multi-adapter 1 1/2"** Angle connection: 1 1/2" Male thread / 1 1/2" Male thread Multi-adapter: 1 1/2" female thread, 1 1/2" nozzle, 1 1/4" nozzle, 1" male thread	0903064854*

Angle Connections

- For connecting submersible pumps to quick-action couplings or discharge, suction or garden hoses

		Order no.
	**Angle connection, 1"** 1" IG x 1" IG / 1 1/4" AG	0903019379*
	**Angle connection 1 1/4"** 1 1/4" AG x 1 1/4" AG / 1" IG	0903053143*
	**Angle connection 1 1/2" stainless steel** 1 1/2" IG / 1 1/2" AG	0903064838*
	**Angle connection, 2" stainless steel** 2" IG / 2" AG	628802000*

*Self-service packaging

Storz Coupling

- For the connection of dirty water submersible pumps to discharge hoses with C-Storz coupling

		Order no.
	**Storz coupling, 1 1/2"** C = 2" x 1 1/2" AG	0903061375*
	**Storz coupling 1 1/2" with extension pipe 100 mm** Consisting of: Storz coupling, C=2" x 1 1/2" female thread Pipe nipple, 1 1/2" Male Thread x 1 1/2" Male Thread - 100 mm Suitable for: DP 28-10 S Inox	628801000
	**Storz coupling 1 1/2" with extension pipe 300 mm** Consisting of: Storz coupling, C=2" x 1 1/2" female thread Pipe nipple, 1 1/2" Male Thread x 1 1/2" Male Thread - 300 mm Suitable for PS 17000 SN, PS 18000 SN	0903019352
	**Storz coupling 2"** C = 2" x 2" AG	628800000*

Discharge Sets with Fittings

		Order no.
	**Discharge set 7 m** ■ For the connection of all submersible pumps 1".1 1/4" and 1 1/2" with multi-adapter ■ 1" Discharge hose, black, with incorporated rigid PVC coil, buckling-proof and non-abrasive ■ Also suitable for suction devices (e.g. air, dust, woodchips) Consisting of: 1" Spiral hose Screwed hose connection 1 1/4" x 25 mm in brass Industrial stainless steel threaded hose clamp 20 - 32 mm Internal Ø: 25 mm Wall thickness: 2.5 mm Length: 7 m Operating pressure: 1.5 bar Bursting pressure: 5 bar Temperature resistance: -5 - 60 °C	628821000
	**Discharge set: 15 m** ■ For connecting all submersible pumps with Storz couplings C=2" ■ 2" Construction/industrial hose, high strength polyester thread, round woven, rubber-lined interior, corrosion-free, ozone-, decomposition- and mould-resistant ■ Light alloy Storz couplings fixed in on both sides ■ Couplings fixed in with special steel wire Consisting of: 2" Industrial hose Storz couplings C=2" Cam distance: 66 mm Internal Ø: 52 mm Wall thickness: 2.4 mm Length: 15 m Operating pressure: 10 bar Burst pressure: 30 bar Temperature resistance: 0° to 60°	0903061294

*Self-service packaging

Suction Hose Sets

- Suitable for drawing from wells, cisterns, ponds or streams
- 1" suction hose, transparent, with incorporated rigid PVC coil, buckling-proof and non-abrasive
- Strainer with shackle to attach a floating ball

Standard suction hose sets with brass fittings

- For connection to the suction side of all garden pumps and domestic water / automatic domestic waterworks with 1" female thread/male thread

		Order no.
	**Standard suction hose set, 4 m** Consisting of: 1" Suction hose Hose clamps, steel galvanised Brass connector, 1" female thread Brass double nipple, 1" male thread Brass hose nozzle/O-ring, 1" male thread Brass check valve, 1" female thread with strainer, special steel Internal Ø: 25 mm Wall thickness: 3.2 mm Bending radius: 100 mm Operating pressure / burst pressure: 6 bar / 18 bar Temperature resistance: 0° to 60° Water column (vacuum): 7 m	0903061227
	**Standard suction hose set, 7 m** Consisting of: 1" Suction hose Hose clamps, steel galvanised Brass connector, 1" female thread Brass double nipple, 1" male thread Brass hose nozzle/O-ring, 1" male thread Brass check valve, 1" female thread with strainer, special steel Internal Ø: 25 mm Wall thickness: 3.2 mm Bending radius: 100 mm Operating pressure / burst pressure: 6 bar / 18 bar Temperature resistance: 0° to 60° Water column (vacuum): 7 m	0903061235

Professional suction hose sets with brass fittings, heavy-duty version

- For connection to the suction side of all garden pumps and domestic water / automatic domestic water systems with 1" female thread

		Order no.
	**Professional suction hose set, 4 m** Consisting of: Suction pressure hose 1" Chuck jaw clamps, steel double galvanised Brass suction high pressure coupling, 1" nozzle Brass quick-action coupling, 1" male thread Brass hose nozzle/O-ring, 1" male thread Brass check valve, 1" female thread with strainer, special steel Internal Ø: 25 mm Wall thickness: 3.4 mm Bending radius: 112 mm Operating pressure / bursting pressure: 8 bar / 24 bar Temperature resistance: 0° to 65° Water column (vacuum): 9 m	0903061200
	**Professional suction hose set, 7 m** Consisting of: Suction pressure hose 1" Chuck jaw clamps, steel double galvanised Brass suction high pressure coupling, 1" nozzle Brass quick-action coupling, 1" male thread Brass hose nozzle/O-ring, 1" male thread Brass check valve, 1" female thread with strainer, special steel Internal Ø: 25 mm Wall thickness: 3.4 mm Bending radius: 112 mm Operating pressure / bursting pressure: 8 bar / 24 bar Temperature resistance: 0° to 65° Water column (vacuum): 9 m	0903061219

Floating Intake

- Suitable for drawing from cisterns, ponds or streams
- Prevents the suction of dirt particles
- Water intake in the cleanest area, just below the water surface

		Order no.
	**Floating ball** For connection to standard and professional suction hose sets Floating ball PE / 2 eyelets, Ø 150 mm Special steel ring, VA	0903061367
	**Floating intake** For connection to 1" spiral suction hoses Consisting of: Floating ball PE / 2 eyelets, Ø 150 mm Special steel ring, VA Hose clamp, steel galvanised Brass hose nozzle/O-ring, 1" male thread Brass check valve, 1" with strainer, special steel	0903061359

Pump Assembly Set

Pump assembly set MSS suction connector

- All in one package with illustrated assembly instructions
- Filter to protect the pump and sprinkling systems from damage caused by sand and dirt particles, 28 bar burst pressure
- Return valve: prevents the water flowing back into wells or cisterns
- Ball valve (closed): prevents the water flowing back into wells or into the suction area during maintenance jobs, e.g. filter cleaning or pump disassembly
- Quick-action coupling as connection option for suction hose sets
- Seal strip: seals without hemp or sealing paste

		Order no.
	**Pump assembly set MSS 310 – HWA/ P** ■ For mounting to the suction connector of all garden pumps and domestic water / automatic domestic water systems with 1" female thread ■ Garden pumps and domestic water works automatic domestic water systems require a short filter due to their lower construction height Manufactured length approx. 310 mm Consisting of: Filter for garden pumps, short, 1" brass female thread Washable filter insert, 80 my Brass double nipple, 1" Male Thread x 1" Male Thread Brass check valve, 1" female thread x 1" female thread Nickel-plated brass ball valve, 1" female thread x 1" female thread Brass quick-action coupling, 1" male thread Fabric sealing tape, 12 m roll Filter key for loosening the filter dome	0903061260
	**Pump assembly set MSS 380 – HWW** ■ For mounting to the suction connector of all domestic water works with 1" female thread Manufactured length approx. 380 mm Consisting of: Filter for domestic waterworks, long, 1" brass female thread Washable filter insert, 80 my Brass double nipple, 1" Male Thread x 1" Male Thread Brass check valve, 1" female thread x 1" female thread Nickel-plated brass ball valve, 1" female thread x 1" female thread Brass quick-action coupling, 1" male thread Zinc-plated pipe nipple, 1" Male Thread x 1" Male Thread x 100 mm Fabric sealing tape, 12 m roll Filter key for loosening the filter dome	0903061278

Pump assembly set MSD discharge port

- All in one package with illustrated assembly instructions
- Ball drain cock with nozzle: connection option for a 3/4" garden hose
- Tap connector: alternative connection option of a system quick-action coupling
- Seal strip: seals without hemp or sealing paste

		Order no.
	**Pump assembly set MSD 200 – HWW/P** ■ For mounting on the discharge port of all garden pumps and domestic water works with 1" female thread ■ With protective cap for the easy filling of the pump body with water (e.g. watering can) Manufactured length approx. 200 mm Consisting of: Zinc-plated pipe nipple, 1" Male Thread x 1" Male Thread x 100 mm Zinc-plated T-piece, 1" female thread x 3/4 female thread x 1" female thread Brass, nickel-plated ball drain cock, 3/4" female thread x 1" male thread x 3/4" nozzle Cock connector, 1" female thread Brass quick-action coupling, 1" male thread Quick-action coupling, brass protective cap Fabric sealing tape, 12 m roll	0903061251
	**Pump assembly set MSD 1000 – HWA** ■ For mounting to the discharge port of all domestic waterworks with 1" Male Thread ■ Wall mounting prevents leverage force from the water tap to the automatic domestic system Pressure hose for flexible connection, 8 bar operating pressure, 24 bar burst pressure Manufactured length approx. 1,000 mm Consisting of: Pressure hose 1 m x 3/4" Steel galvanised chuck jaw clamps, 23-25 mm Brass angle hose connector 1" female thread x 3/4" nozzle Hose nozzle with brass O-ring 3/4" Male Thread x 3/4" nozzle Brass wall disc 3/4" female thread x 3/4" female thread Brass, nickel-plated ball drain cock, 3/4" female thread x 1" male thread x 3/4" nozzle Cock connector, 1" female thread Fabric sealing tape, 12 m roll	0903061243

Check valves

- For connecting to the suction pipe of all garden pumps and domestic waterworks /automatic domestic water systems
- Ensures smooth operation and short restart times in case of repeated starts
- Prevents the pump from running dry when switched off

		Order no.
	**Brass check valve 1"** Connecting thread: 1" male thread x 1" female thread	628803000*
	**Brass check valve, 1 1/4"** Connecting thread: 1 1/4" male thread / x 1 1/4" female thread	628805000*

*Self-service packaging

Filters for Garden Pumps and Domestic Waterworks/Automatic Domestic Water Systems

- For connecting to the suction pipe of all garden pumps and domestic waterworks /automatic domestic water systems
- Garden pumps and domestic water works automatic domestic water systems require a short filter due to their lower construction height
- The filter protects the pump and sprinkling systems from damage by sand and dirt particles
- Housing and lid made from impact-resistant polypropylene
- Connections with brass female thread
- Temperature resistant from 0 to 60°C

		Order no.
	**Filter 1" short** Height: 190 mm Diameter: 120 mm Water throughput: 6,200 l/hour Burst pressure: 28 bar Operating pressure: 8 bar	0903016450
	**Filter 1" short, with washable filter insert** ■ Delivery includes washable filter insert with nylon fabric 80 my, protects against ultra-fine sand and solid matter Height: 190 mm Diameter: 120 mm Water throughput: 6,200 l/hour Burst pressure: 28 bar Operating pressure: 8 bar	0903050314
	**Filter 1 1/4" short, with washable filter insert** ■ Delivery includes washable filter insert with nylon fabric 80 my, protects against ultra-fine sand and solid matter Height: 190 mm Diameter: 120 mm Water throughput: 6,200 l/hour Burst pressure: 28 bar Operating pressure: 8 bar	628816000
	**Filter 1" long** Height: 310 mm Diameter: 120 mm Water throughput: 6,400 l/hour Burst pressure: 28 bar Operating pressure: 8 bar	0903009250
	**Filter 1" long, with washable filter insert** ■ Delivery includes washable filter insert with nylon fabric 80 my, protects against ultra-fine sand and solid matter Height: 310 mm Diameter: 120 mm Water throughput: 6,400 l/hour Burst pressure: 28 bar Operating pressure: 8 bar	0903050306
	**Filter 1 1/4" long, with washable filter insert** ■ Delivery includes washable filter insert with nylon fabric 80 my, protects against ultra-fine sand and solid matter Height: 310 mm Diameter: 120 mm Water throughput: 6,400 l/hour Burst pressure: 28 bar Operating pressure: 8 bar	628817000
	**Filter 1 1/2" long** Height: 310 mm Diameter: 120 mm Water throughput: 13,800 l/hour Burst pressure: 28 bar Operating pressure: 8 bar	0903014253

Filter Inserts

One-way filter insert

- Insert with twisted thread, 20 my
- Protects pump and sprinkling systems against damage by very fine sand and solid matter

	Connecting thread	Version	Order no.
	1"	Short	0903028432*
	1"	Long	0903028351*

Washable filter insert

- Washable insert with nylon fabric, 80 my
- Protects pump and sprinkling systems against damage by sand and solid matter

	Connecting thread	Version	Order no.
	1"	Short	0903028440*
	1 1/4"	Short	628818000*
	1"	Long	0903028360*
	1 1/4" + 1 1/2"	Long	0903028416*
	1"	Long	628804000*

Filter Accessories

		Order no.
	**Filter key** ■ For the loosening of the filter dome Internal Ø, 120 mm	0903058005*
	**Filter sealing set** Suitable for 1" and 1 1/2" filters Consisting of: 1x Filter dome O-ring, Ø 88 x 3.5 mm 1x Filter insert flat seal, Ø 52 x 40 x 4 mm 2x Filter insert flat seal, Ø 52 x 27 x 4 mm	0903061316*

*Self-service packaging

Dry-run Protection

		Order no.
	**Hydromat HM 3 – electronic pressure switch with dry-run protection** ■ Automatic control: switch on the pump for water discharge and switch off upon reaching the maximum pressure ■ Dry-run protection: automatic deactivation of the motor when nothing is left to pump (leaky suction pipe, the water supply dries out) ■ LED display to check the operating condition ■ Membrane and spring to eliminate the impact of pressure surges ■ Safety valve to prevent water leaking if the diaphragm is damaged ■ Quick and easy assembly ■ Ideal for converting a garden pump into an automatic domestic water system ■ Also suitable for deep well pumps and submersible pressure pumps Switch-on pressure approx. 1.5 bar Voltage: 115 V/ 230 V Frequency: 50 / 60 Hz Protection type: IP 65 Maximum amperage: 16(8) A-1.5 kW Maximum operating pressure 10 bar Maximum operating temperature 0° to 60° C Connection: Discharge port, 1" male thread Device connection, 1" male thread Brass adapter 1" female thread x 1" male thread	628799000
	**Dry-run Protection Stop Switch** ■ Dry-run protection for domestic waterworks, automatic domestic water systems, garden pumps, submersible pumps and submersible pressure pumps ■ Float switch with 10 metre cable length ■ When drawing from cisterns, ponds or streams, the float switch switches the pumps on and off automatically depending on the water level ■ Plug/socket combination	0903028521

Armoured Hose

		Order no.
	**Armoured hose** ■ For connection to the suction/discharge side of all domestic waterworks / automatic domestic water systems with 1" male thread/female thread on permanently mounted pipes ■ Absorbs running noises and guarantees high safety by means of double deep injection on the connection fittings ■ Special steel jacket 1", interior latex core ■ Rust-free fittings Consisting of: Armoured hose, 1" male thread x 1" female thread Gasket Ø 30 x 23 x 3 mm Internal Ø: 25 mm Wall thickness: 4 mm Length 500 mm Operating pressure: 6 bar Bursting pressure: 18 bar Temperature resistance: 0° to 65°	0903061340*

*Self-service packaging

Garden Sprinklers

- Multi-functional for cleaning and irrigation
- Sturdy metal version with disc handle and locking device
- Brass connection - compatible with all commercial plug-in systems
- Infinitely adjustable water volume via a separate rotating knob
- Water jet can be adjusted from a hard full jet to fine atomised spray
- Soft plastic ring on sprinkler head for protection against damage
- Hand valve with locking device

		Order no.
	**Shower spray SB 2** ■ Water jet infinitely adjustable from full hard jet to fine spray	0903063122*
	**Garden sprinkler GB 7** ■ 7 Water jet shapes from full spray to fine atomised spray	0903060778*
	**Stream lance GS 10** ■ 10 Water jet formats ranging from full spray to fine atomised spray ■ Long reach, e.g. saves you having to step over beds ■ Ideal for watering hanging flower arrangements Length: 920 mm	0903063130*

Garden Sprinklers

		Order no.
	**Surface sprinkler FR 9** ■ Sturdy metal version for mobile and stationary use ■ Removable dirt filter to protect the sprinkler from damage by sand and dirt particles ■ Brass coupling plug, compatible with all commercial plug-in systems ■ Multi-functional for watering surfaces or small front gardens ■ 9 Sprinkler areas, from circle to rectangle to atomised spray ■ Desired sprinkler area adjustable by turning the sprinkler disc Sprinkler surfaces: Circle Ø = maximum 10 m / 80 m^2 Semi-circle r = maximum 8 m / 100 m^2 Square maximum 8 x 8 m / 64 m^2 Rectangle maximum 16 x 2 m / 32 m^2 Connection: Brass cap nut, 3/4" female thread Brass coupling plug 3/4" male thread	0903063149

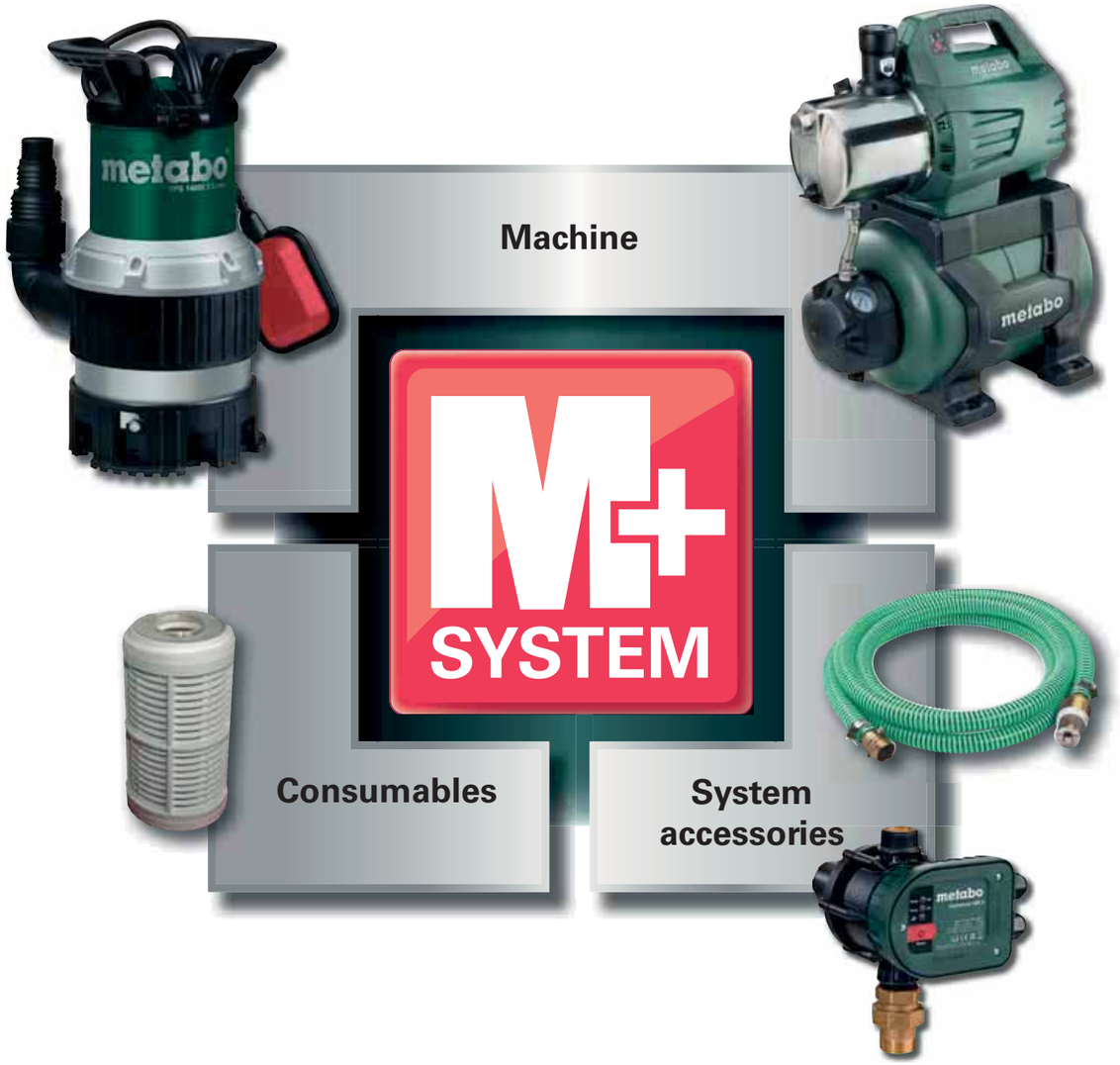
Fabric sealing tape

		Order no.
	**Fabric sealing tape** ■ Seals without hemp or sealing paste ■ For metal and plastic threaded joints Length on roll: 12 m Width: 12 mm Thickness: 0.1 mm	0901026319*

*Self-service packaging

M+ System: Machine and accessories perfectly synchronised for maximum performance.

Even during the development phase at Metabo, machines and accessories are optimally adjusted and tested to complement one another. Your added benefit: Maximum performance thanks to Metabo + System effect.





Hedge Trimmers

Hedge Trimmers: Light, quiet and powerful.

Metabo hedge trimmers have been setting standards in the market for decades. With patented handle systems, robust motors, high-quality blades and excellent ergonomics. They are always the right choice for the professional user. Whether mains-powered or as a cordless machine with intelligent battery pack technology: Metabo hedge trimmers are amongst the lightest machines on the market and offer maximum safety thanks to their quick stop function, safety clutch and trigger guard.

Cable replacement cover (87 and 88 series)
Maintenance friendly! The mains cable can be easily replaced by an electrical technician, saving you time and money.

Carbon brush replacement cover (88 series only)
Maintenance friendly! Carbon brushes can be easily replaced by an electrical technician, saving you time and money.

Trigger guard
The extra large guard protects the user from debris and from kickback, for example, when snagging walls, tree trunks or rocks.



Cable strain protection
Effectively prevents the power cord from disconnecting from the adapter of an extension cable.

Optimum airflow (87 and 88 series)
The motor airflow exhausts downwards, thus preventing users from having air blown towards their eyes.

0,05 SEC FAST BRAKE

Quick stop in 0.05 seconds
This kicks in when one of the two hand switches are not depressed, thus preventing you from accidentally touching the running blade.

S-AUTOMATIC SAFETY CLUTCH

Metabo S-automatic safety clutch
Protects blades and gears when debris or large braches stop the blades

Double reduction gearing
for especially high cutting performance

HS 8865



Special blade geometry
Blades with improved geometry generate less wear and thus deliver 200% longer service life.



More reach
Patented Metabo handle system with additional switch for up to 50% more reach.



AHS 36 V / AHS 36-65 V
The lightest machines amongst professional hedge trimmers in the 36 V class.

18 V
36 V



Technical data	Cordless Hedge Trimmer AHS 18-55 V	Cordless Hedge Trimmer AHS 36 V	Cordless Hedge Trimmer AHS 36-65 V
Type of battery pack	Li-Ion / LiHD	Li-Ion	Li-Ion
Battery pack voltage	18 V	36 V	36 V
Runtime per battery pack charge	70 min	85 min	85 min
Cutting thickness	18 mm	18 mm	18 mm
Cutting strength	53 cm	53 cm	63 cm
No of strokes (no load)	2,700 /min	2,700 /min	2,700 /min
Weight (including battery pack)	3.8 kg	3.9 kg	4.1 kg

Scope of delivery

Order no.	600463	602177	602203
Li-Power battery pack (36 V/2.5 Ah)		■	
2 Li-Power battery packs (36 V/2.5 Ah)			■
2 LiHD battery packs (18 V/4.0 Ah)	■		
»AIR COOLED« quick charger ASC Ultra			■
Charger ASC 30-36 V »AIR COOLED«	■	■	
Storage slipcase	■	■	■

Equipment variants can be found in the Metabo price list and on the internet

Product advantages

- The lightest machines amongst professional hedge trimmers in the 36 V class
- Blades with special geometry generate less wear and thus deliver 200% longer service life
- Clean cut thanks to diamond-ground blade teeth on both sides at a 30° angle
- Lower safety blade for high safety at work
- Top cutting performance generated by double reduction gearing
- Pleasant to work with thanks to low-vibration running, perfect ergonomics and soft-grip handle
- Safety features include electronic blade quick stop (in 0.3 seconds)
- Trigger guard with twig feed protects user and gearing from kickbacks
- Battery packs with capacity display for checking the charge status

System components

Accessories → 575
Battery packs → 72



Technical data	Hedge Trimmer HS 45	Hedge Trimmer HS 55	Hedge Trimmer HS 65
Cutting thickness	18 mm	18 mm	18 mm
Cutting strength	45 cm	55 cm	65 cm
Blade clearance	28 mm	28 mm	28 mm
No of strokes (no load)	3,100 /min	3,100 /min	3,100 /min
Rated input power	450 W	450 W	450 W
Weight (without mains cable)	3.4 kg	3.6 kg	3.8 kg
Cable length	0.3 m	0.3 m	0.3 m
Scope of delivery			
Order no.	**620016**	**620017**	**620018**
Trigger guard	■	■	■
Container	■	■	■

Product advantages

- Patented mechanical blade quick stop (in 0.05 seconds) for improved safety
- Clean cut thanks to diamond-ground blade teeth on both sides at a 30° angle
- Lower safety blade for high safety at work
- Metabo S-automatic safety clutch: Protects blades and gears when debris or large branches stop the blades
- Cable strain relief prevents the unintentional disconnection of the plug-in connection
- Trigger guard with twig feed protects user and gearing from kickbacks

System components

Accessories → 575



Technical data	Hedge Trimmer HS 8745	Hedge Trimmer HS 8755	Hedge Trimmer HS 8765
Cutting thickness	20 mm	20 mm	20 mm
Cutting strength	45 cm	55 cm	65 cm
Blade clearance	34 mm	34 mm	34 mm
No of strokes (no load)	3,100 /min	3,100 /min	3,100 /min
Rated input power	560 W	560 W	560 W
Weight (without mains cable)	3.8 kg	3.9 kg	4 kg
Cable length	0.3 m	0.3 m	0.3 m
Scope of delivery			
Order no.	**608745**	**608755**	**608765**
Trigger guard	■	■	■
Container	■	■	■

Product advantages

- Patented Metabo handle system with additional switch for up to 50% more reach and range
- Low weight avoids fatigue when working
- Patented mechanical blade quick stop (in 0.05 seconds) for improved safety
- Blades with special geometry generate less wear and thus deliver 200% longer service life
- Clean cut thanks to diamond-ground blade teeth on both sides at a 30° angle
- Lower safety blade for high safety at work
- Metabo S-automatic safety clutch: Protects blades and gears when debris or large branches stop the blades
- Fatigue-proof operation due to ergonomic full grip bow-type handle design and optimum centre of gravity position
- Very quiet running due to shear blades running in opposite direction
- User-friendly guidance of machine exhaust in all working situations
- Easy servicing thanks to cable replacement cover
- Cable strain relief prevents the unintentional disconnection of the plug-in connection
- Trigger guard with twig feed protects user and gearing from kickbacks

System components

Accessories → 575



Technical data	Hedge Trimmer HS 8855	Hedge Trimmer HS 8865	Hedge Trimmer HS 8875
Cutting thickness	26 mm	26 mm	26 mm
Cutting strength	55 cm	65 cm	75 cm
Blade clearance	34 mm	34 mm	34 mm
No of strokes (no load)	2,900 /min	2,900 /min	2,900 /min
Rated input power	660 W	660 W	660 W
Weight (without mains cable)	4.1 kg	4.2 kg	4.4 kg
Cable length	0.3 m	0.3 m	0.3 m
Scope of delivery			
Order no.	**608855**	**608865**	**608875**
Trigger guard	■	■	■
Container	■	■	■

Product advantages

- Double reduction gearing for particularly high cutting performance
- Patented Metabo handle system with additional switch for up to 50% more reach and range
- Low weight avoids fatigue when working
- Patented mechanical blade quick stop (in 0.05 seconds) for improved safety
- Blades with special geometry generate less wear and thus deliver 200% longer service life
- Clean cut thanks to diamond-ground blade teeth on both sides at a 30° angle
- Lower safety blade for high safety at work
- Metabo S-automatic safety clutch: Protects blades and gears when debris or large branches stop the blades
- Fatigue-proof operation due to ergonomic full grip bow-type handle design and optimum centre of gravity position
- Very quiet running due to shear blades running in opposite direction
- User-friendly guidance of machine exhaust in all working situations
- Particularly easy to service thanks to carbon brush and cable replacement cover
- Cable strain relief prevents the unintentional disconnection of the plug-in connection
- Trigger guard with twig feed protects user and gearing from kickbacks

System components

Accessories → 575

Accessories for Hedge Trimmers

Hedge trimmer maintenance oil

- Based on natural oil, biodegradable

		Order no.
	**Hedge trimmer maintenance oil spray** Pump-spray-can, with 0.3 litre capacity Sales unit: 1 Packing unit: 6	630475000
	**Hedge trimmer maintenance oil 1 ltr** Sales unit: 1 Packing unit: 6	630474000

Accessories for Chain Saws

Saw chains

		Order no.
	Saw chain For Kt 1441; division: 3/8" ; drive links: 57	631670000*
	Saw chain For Kt 1440; division: 3/8" ; drive links: 59	631435000*

*Self-service packaging

MetaLoc

- Extremely robust, unbreakable boxes with a wide carrying handle
- Accomodating order system inside the box...
  - the right accessories are always at hand for the right tool
  - special inserts for storing accessories and small parts
- .... and from box to box
  - boxes can be stacked and linked
  - clear storage system in the workshop, in the car, anywhere
- Numerous possible uses, e.g. with individually configurable foam inserts (accessories)
- The MetaLoc stays in shape – even at extreme temperatures (-40° to +90°C)
- No protruding parts, and thus no danger of getting snagged, e.g. on construction sites

MetaLoc



MetaLoc II
Dimensions: 396 x 296 x 157.5 mm

	Order no.
MetaLoc II MetaLoc II, empty, without inserts	626431000
MetaLoc II Suitable for SRE 4350/ 4351 TurboTec	626442000
MetaLoc II Suitable for all cordless drills / screwdrivers and cordless hammer drills	626446000



MetaLoc II
with perforated foam insert

	Order no.
	626449000



MetaLoc III
Dimensions: 396 x 296 x 210 mm

	Order no.
MetaLoc III empty MetaLoc III, without inserts	626432000
MetaLoc III Suitable for SXE 425/ 450 TurboTec	626436000



MetaLoc IV
Dimensions: 396 x 296 x 315 mm

	Order no.
MetaLoc IV empty MetaLoc IV, without inserts	626433000
MetaLoc IV Suitable for KS 55 FS, KSE 55 Vario, KS 66 Plus, KS 68 Plus	626438000

Accessories for the MetaLocs

	Order no.
 **Metadepot** ■ For practical storage of pipes, cables and accessories. ■ Provides the combination of Metabo all-purpose vacuum cleaners with the MetaLoc system ■ Numerous possible uses, e.g. with individually configurable foam inserts (accessories) ■ The MetaLoc stays in shape – even at extreme temperatures (-40° to +90°C) suitable for: ASR 2025, ASR 2050, SHR 2050 M, ASR 25 L SC , ASR 50 L SC, ASR 50 M SC Sales unit: 1	631937000
 NEW **Trolley AS 18 L PC / MetaLoc** ■ For greatest safety and flexibility, MetaLoc and cordless vacuum cleaners AS 18 L PC can be locked in situ. ■ Two lockable castors ensure excellent mobility suitable for: AS 18 L PC and MetaLoc Sales unit: 1	630174000

Plastic Carry Cases

Plastic carry cases MC 10 / MC 20



- A plastic carry case made from particularly strong material and robust metal fasteners that guarantee a long service life of the case.
- Optimised handle position for carrying of two carry cases with the same hand.
- Optional extension of the case by the accessory boxes "PlusBox R" and "PlusBox L" (accessories). Up to 2 Plus Boxes can be attached to the sides of the carry case.

	Order no.
Plastic carry case MC 20 neutral Plastic carry case with perforated foam insert for individual customisation. Suitable for Metabo drills and impact drills, cordless drill/screwdriver, cordless hammer drill, rotary hammers, combination hammers, multi hammers (2-3 kg class), all Metabo angle grinders (mains or cordless) up to disks - 125 mm Ø, paint remover, jigsaws, screwdrivers, etc Dimensions: 495 x 320 x 132 mm	623854000
Plastic carry case MC 20 WS Plastic carry case suitable for all Metabo angle grinders up to disc Ø 125 mm. Dimensions: 495 x 320 x 132 mm	623857000
Plastic carry case MC 10 battery pack BS / battery pack SB Plastic carry case suitable for all cordless drill/screwdrivers, cordless hammer drills and cordless impact drivers Dimensions: 495 x 320 x 112 mm	623855000
Plastic carry case MC 10 BH/SB Plastic carry case suitable for all rotary hammers, combination hammers (except KHE 3250 and KHE 3251), multi hammers (2-3 kg class) and all impact drills Dimensions: 495 x 320 x 112 mm	623856000
Plastic carry case MC 10 STE Plastic carry case suitable for all Metabo jigsaws with aluminium die-cast gear housing Dimensions: 495 x 320 x 112 mm	623858000

Accessory boxes for carry case MC 10 / MC 20



- Plastic accessory box for individual storage of diverse accessories.
- Optional extension of tool machine case MC 10 and MC 20
- Up to 2 Plus Boxes can be attached to the sides of the carry case.
- Equipped with three partitions and wall mounting as standard

	Order no.
PlusBox L Especially for fixing on the left side of the case Dimensions: 116 x 320 x 112 mm	623851000
PlusBox R Especially for fixing on the right side of the case Dimensions: 116 x 320 x 112 mm	623852000





More Plastic Carry Cases

	Order no.
 **Plastic carry case** Plastic carry case suitable for all Metabo angle grinders with disc Ø 180 mm and 230 mm Dimensions: 175 x 730 x 315 mm	625451000

Sheet Steel Carry Cases

	Order no.
 **Metal carry case** For all angle grinders with grinding wheel Ø of 180 mm and 230 mm Dimensions: 170 x 675 x 275 mm	623874000
 **Metal carry case** For planer Ho 0882 Dimensions: 195 x 395 x 285 mm	631382000

Tool Bags

- Comfortable side pads and padded shoulder strap
- Three reflective Metabo logos for optimum visibility on the construction site
- Stable, integrated base plate with strips to protect the bag contents
- Material: water-repellent and tear-proof 600D polyester

		Order no.
	**Tool bag (small)** ■ Robust and compact tool bag ■ 3 bag compartments on the inside with hook and loop straps for 2 battery packs and 1 charger ■ Spacious bag with zipper on the outside and 2 other small bags at the top. ■ with hook and loop for quick access ■ Dimensions (l x w x h): 460 x 260 x 280 mm	657006000
	**Tool bag (large)** ■ Large, practical tool bag ■ 5 bag compartments on the inside with hook and loop straps for 3 battery packs, 1 charger and for accessories ■ 2 spacious bags with zipper on the outside and 3 other small bags for quick access ■ Dimensions (l x w x h): 670 x 290 x 325 mm	657007000

Safety goggles

		Sales unit / sales display	Order no.
	**Protective goggles** ■ Perfect all-round protection, large field of vision thanks to specially shaped lens ■ Excellent ventilation thanks to optimally designed side arms ■ Special coating (outside scratch-proof, inside anti-fog) ■ Lens colourless, UV 2 - 1.2	1 piece / 5 pieces 	623751000*
	**Protective goggles** ■ Perfect all-round protection, large field of vision thanks to specially shaped lens ■ Excellent ventilation thanks to optimally designed side arms ■ Special coating (outside scratch-proof, inside anti-fog) ■ Grey lens, UV 5 - 2.5	1 piece / 5 pieces 	623752000

Working gloves M1



- Tailored protective glove
- Finish made from easy-grip, soft Amara leather on the palm, high degree of flexibility and grip
- Protection from mechanical stress
- Abrasion-proof, breathable
- Does not contain any substances known to cause allergies
- DIN EN 388 (2121)

	Order no.
Working gloves M1, size 9	623757000*
Working gloves M1, size 10	623758000*

Working gloves M2



- Ideally shaped 5-finger knitted glove made from PA/Spandex, palm coated in black Nitrile/PU
- Breathable
- Excellent safe grip
- Does not contain any substances known to cause allergies
- DIN EN 388 (3131)

	Order no.
Working gloves M2, size 9	623759000*
Working gloves M2, size 10	623760000*

*Self-service packaging

Bit box, 9 pieces

- Bits made from chrome vanadium steel (S2 quality); bits with colour coding: for quick and easy finding of the right bit; high-quality, robust box
- Magnetic bit holder

	comprising	Sales unit / sales display	Order no.
	S2-Bits, L = 25 mm (8 pieces): PH1, PH2 PZ1, PZ2 SL5.5 H4 T20,T25 1 x magnetic bit holder	1 piece / 21 pieces 	630419000

Bit box, 15 pieces

- Bits made from chrome vanadium steel (S2 quality); bits with colour coding: for quick and easy finding of the right bit; high-quality, robust box
- Magnetic quick change adapter

	comprising:	Sales unit / sales display	Order no.
	S 2-bits L= 25 mm (14 pieces): PH1, PH2 PZ1, PZ2 SL4, SL6 H3, H4, H5 T10, T15, T20, T25, T30 1 x magnetic quick-change bit holder	1 piece / 24 pieces 	626703000

Bit box and ratchet set, 26 pieces

- Bits made from chrome vanadium steel (S2 quality); bits with colour coding: for quick and easy finding of the right bit; high-quality, robust box
- High-quality ratchet; socket wrench made from chrome vanadium steel

	comprising:		Sales unit / sales display	Order no.
	S 2-bits L= 25 mm (18 pieces): PH1, PH2, PH3 PZ1, PZ2, PZ3 SL4, SL5,5, SL6.5 H3, H4, H5, H6 T10, T15, T20, T25, T30	Socket wrenches (6 pieces) 1/4", 6 mm, 7 mm, 8 mm, 10 mm, 13 mm; 1 x extension 1 x ratchet	1 piece / 12 pieces 	626701000

Bit box, 29 pieces

- Bits made from chrome vanadium steel (S2 quality); bits with colour coding: for quick and easy finding of the right bit; magnetic quick-change adapter; high-quality, robust box with extendable Euro hole punch

	comprising:		Sales unit / sales display	Order no.
	S 2-bits L= 25 mm (21 pieces): PH1 x 1, PH2 x 2, PH3 x 1 PZ1 x 1, PZ2 x 2, PZ3 x 1 SL3 x 1, SL5 x 1 H3 x 1, H4 x 1, H5 x 1, H6 x 1 T10 x 1, T15 x 1, T20 x 2, T25 x 1, T30 x 1, T40 x 1	L = 50 mm (6 pieces): PH2 x 1 PZ2 x 1 T20 x 1, T25 x 1 SL4 x 1 H4 x 1 1 x adapter 1 x magnetic quick-change bit holder	1 piece / 12 pieces 	626710000

Bit box, 29 pieces + mini flashlight

- Bits made from chrome vanadium steel (S2 quality); bits with colour coding: for quick and easy finding
- of the right bit; magnetic quick-change adapter; high-quality, robust box with extendable Euro hole punch; including mini flashlight: CREE-LED, 100 lumen, luminous range 100 m, duration of illumination 180 min

	comprising:		Sales unit / sales display	Order no.
	S 2-bits L= 25 mm (21 pieces): PH1 x 1, PH2 x 2, PH3 x 1 PZ1 x 1, PZ2 x 2, PZ3 x 1 SL3 x 1, SL5 x 1 H3 x 1, H4 x 1, H5 x 1, H6 x 1 T10 x 1, T15 x 1, T20 x 2, T25 x 1, T30 x 1, T40 x 1	L = 50 mm (6 pieces): PH2 x 1 PZ2 x 1 T20 x 1, T25 x 1 SL4 x 1 H4 x 1 1 x adapter 1 x magnetic quick-change bit holder 1 x Mini flash light	1 piece / 12 pieces 	626721000

Bit box, 32 pieces

- Bits made from chrome vanadium steel (S2 quality); bits with colour coding: for quick and easy finding of the right bit; high-quality, robust box
- Magnetic quick change adapter
- With adapter for sockets (socket wrench inserts)

	comprising:		Sales unit / sales display	Order no.
	S 2-bits L= 25 mm (30 pieces): PH1, PH2 x 2, PH3 PZ1, PZ2 x 2, PZ3 SL3, SL4, SL5, SL6 H3, H4, H5, H6 T10, T15, T20, T25, T27, T30, T40 T10, T15, T20, T25, T27, T30, T40	1 x adapter 1 x magnetic quick-change bit holder 65 mm	1 piece / 12 pieces 	626700000

Bit box, 32 pieces, Torx

- Bits made from chrome vanadium steel (S2 quality); bits with colour coding: for quick finding of the right bit; high-quality, robust box
- Magnetic quick change adapter

	comprising:		Sales unit / sales display	Order no.
	S 2 bits, L = 25 mm T10 x 3; T15 x 3; T20 x 6 T25 x 6; T27 x 3; T30 x 6; T40 x 4	1 x magnetic bit holder 65 mm	1 piece / 12 pieces 	626709000

Bit box, 56 pieces

- Bits made from chrome vanadium steel (S2 quality); bits with colour coding: for quick and easy finding of the right bit; high-quality, robust box
- Magnetic quick change adapter

	comprising:		Sales unit / sales display	Order no.
	S2-Bits, L = 25 mm (48 pieces): PH1 x 3, PH2 x 3, PH3 x 3 PZ1 x 3, PZ2 x 3, PZ3 x 3 SL4 x 2, SL5 x 2, SL6 x 2 H3, H4, H5 T10 x 2, T15 x 2, T20 x 2, T25 x 2, T27 x 2, T30 x 2, T40 x 2 T10, T15, T20, T25, T27, T30, T40	L = 75 mm (7 pieces): PH2, PH3 PZ1, PZ2 SL6 T20, T25 1 x magnetic quick-change bit holder	1 piece / 12 pieces 	626702000

Bit box, 71 pieces

- Bits made from chrome vanadium steel (S2 quality); bits with colour coding: for quick and easy finding of the right bit; high-quality, robust box
- Magnetic quick change and bit holder

	comprising:		Sales unit / sales display	Order no.
	S2-Bits, L = 25 mm (60 pieces): PH1 x 3, PH2 x 6, PH3 x 3 PZ1 x 3, PZ2 x 6, PZ3 x 3 SL4 x 3, SL6 x 3 H4 x 3, H5 x 3, H6 x 3 T10 x 3, T15 x 3, T20 x 3, T25 x 3, T27 x 3, T30 x 3, T40 x 3	L = 75 mm (9 pieces): PH1, PH2, PH3 PZ1, PZ2 SL4, SL6 T20, T25 1 x magnetic quick-change bit holder 1 x magnetic bit holder	1 piece / 6 pieces 	626704000

Bit box PZ2, 25 pieces

- Bits made from chrome vanadium steel (S2 quality); bits with colour coding: high-quality, robust box, with Euro hole punch

	comprising:	Sales unit / sales display	Order no.
	S2 bits, L = 25 mm (25 pieces): PZ2	1 piece / 12 pieces 	626711000

Bit box T20, 25 pieces

	comprising:	Sales unit / sales display	Order no.
	S2 bits, L = 25 mm (25 pieces): T20	1 piece / 12 pieces 	626712000

Bit box T25, 25 pieces

	comprising:	Sales unit / sales display	Order no.
	S2 bits, L = 25 mm (25 pieces): T25	1 piece / 12 pieces 	626713000

Bit roll-up case, 7 pieces

- Bits made from chrome vanadium steel (S2 quality); bits with colour coding: for quick and easy finding of the right bit

	comprising:	Sales unit / sales display	Order no.
 NEW	S2 bits, L = 89 mm (6 pieces): PH2 PZ1, PZ2 SL5.5 T20, T25 1 x Screwdriver handle	1 piece / 12 pieces 	626723000

Bit roll-up case, 30 pieces

- Bits made of chrome vanadium steel (S2 quality); bits with colour coding: for faster and simpler detection of the suitable bit

	comprising:		Sales unit / sales display	Order no.
 NEW	S2 bits, L = 25 mm (16 pieces): PH1, PH2 x 2, PH3 PZ1, PZ2 x 2, PZ3 SL3, SL5.5 T15, T20 x 2, T25 x 2, T30 L = 50 mm (7 pieces): PH2 PZ1, PZ2 SL3 T20, T25 H4	L = 89 mm (6 pieces): PH2 PZ1, PZ2 SL5.5 T20, T25 1 x Screwdriver handle	1 piece / 12 pieces 	626726000

Drill Bit roll-up case, 35 pieces

- Bits made from chrome vanadium steel (S2 quality); bits with colour coding: for quick and easy finding of the right bit; HSS-G metal drill bit, ground version, cylindrical, DIN 338, type N, 135° crosswise grinding. Wood spiral drill bit made of high-grade chrome vanadium steel, hardened, with centering point, for use in hard and soft wood, plywood,
- chipboards etc.

	comprising:		Sales unit / Sales display	Order no.
 NEW	HSS-G metal drill bits (6 pieces) Ø 3 mm, Ø 4 mm, Ø 5 mm, Ø 6 mm, Ø 8 mm, Ø 10 mm Wood drill bits (6 pieces): Ø 3 mm, Ø 4 mm, Ø 5 mm, Ø 6 mm, Ø 8 mm, Ø 10 mm	S2 bits, L = 25 mm (16 pieces): PH1, PH2 x 2, PH3 PZ1, PZ2 x 2, PZ3 SL3, SL5.5 T15, T20 x 2, T25 x 2, T30 L = 89 mm (6 pieces): PH2 PZ1, PZ2 SL5.5 T20, T25 1 x magnetic bit holder	1 piece / 12 pieces 	626725000

Accessory set in carry case, 55 pieces

- High-quality, robust box

	comprising:		Sales unit / sales display	Order no.
	HSS-TIN metal drill bits (14 pieces): Ø 1.5 mm x 2; Ø 2 mm x 2; Ø 2.5 mm; Ø 3 mm x 2; Ø 3.5 mm; Ø 4 mm; Ø 4.5 mm; Ø 5 mm; Ø 5.5 mm; Ø 6 mm; Ø 6.5 mm Carbide masonry drill bit (7 pieces): Ø 4 mm; Ø 5 mm; Ø 6 mm x 2; Ø 7 mm; Ø 8 mm; Ø 10 mm CV wood drill bit (5 pieces): Ø 4 mm, Ø 5 mm,Ø 6 mm, Ø 8 mm, Ø 10 mm Flat wood drill bit (2 pieces): Ø 16 mm; Ø 22 mm	S 2-bits L= 25 mm (18 pieces): PH1, PH2 x 2, PH3 PZ1, PZ2 x 2, PZ3 SL4, SL6, SL7 H3, H4, H5, H6 T15, T20, T25 Socket wrenches 4 pieces) 7 mm, 8 mm, 9 mm, 10 mm 1 x template 1 x wallpaper trimming knife 1 x magnetic bit holder 1 x countersink 1 x socket spanner adapter	1 piece / 6 pieces 	626707000

Accessory set in carry case, 86 pieces

- High-quality, robust box

	comprising:		Sales unit / sales display	Order no.
	HSS-TiN metal drill bit (14 pieces): Ø 1.5 mm x 2, Ø 2 mm x 2, Ø 2.5 mm, Ø 3 mm x 2, Ø 3.5 mm, Ø 4 mm, Ø 4.5 mm, Ø 5 mm, Ø 5.5 mm, Ø 6 mm, Ø 6.5 mm Carbide masonry drill bit (7 pieces): Ø 4 mm, Ø 5 mm, Ø 6 mm x 2, Ø 7 mm, Ø 8 mm, Ø 10 mm CV wood drill bit (5 pieces): Ø 4 mm, Ø 5 mm, Ø 6 mm, Ø 8 mm, Ø 10 mm Flat wood drill bit (4 pieces): Ø 12 mm, Ø 16 mm, Ø 19 mm, Ø 25 mm	S2-Bits, L = 25 mm (32 pieces): PH0, PH1 x 2, PH2 x 2, PH3 x 2 PZ0, PZ1 x 2, PZ2 x 2, PZ3 x 2 SL3, SL4 x 2, SL6 x 2, SL7 H3, H4, H5 x 2, H6 T10, T15 x 2, T20 x 2, T25, T30 L = 50 mm (8 Stück): PH1, PH2, PH3 PZ1, PZ2, PZ3 T15, T20 Depth guide sleeve (4 pieces) 3 mm, 5 mm, 8 mm, 10 mm Socket wrenches (8 pieces) 5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm 1 x countersink (wood) 1 x magnetic bit holder 1 x Ø ruler 1 x Allen key	1 piece / 6 pieces 	626708000

Wood drill bit storage case, 8 pieces

- In high-quality, robust plastic cassette with extendable Euro hole punch
- Wood spiral drill bit made of high-grade chrome vanadium steel, hardened, with centering point. For use in hard and soft wood, plywood, chipboards, etc.

	comprising:	Sales unit / sales display	Order no.
	Ø 3 mm, Ø 4 mm, Ø 5 mm, Ø 5.5 mm, Ø 6 mm, Ø 7 mm, Ø 8 mm, Ø 10 mm	1 piece / 10 pieces 	626705000

Masonry drill bit storage case, 8 pieces

- In high-quality, robust plastic cassette with extendable Euro hook tab.
- Carbide masonry drill bit for drills and impact drills, milled version, suitable for drilling bricks, masonry, etc.

	comprising:	Sales unit / sales display	Order no.
	Ø 3 mm, Ø 4 mm, Ø 5 mm, Ø 5.5 mm, Ø 6 mm, Ø 7 mm, Ø 8 mm, Ø 10 mm	1 piece / 10 pieces 	626706000

Drill bit assortment roll-up case, 13 pieces

	comprising:	Sales unit / sales display	Order no.
 NEW	Metal drill bit HSS-G (5 pieces): 1 x Ø 4 x 62 mm, 2 x Ø 5 x 75 mm, 1 x Ø 6 x 92 mm, 1 x Ø 8 x 117 mm Wood drill bit (4 pieces): 1 x Ø 4 x 74 mm, 1 x Ø 5 x 85 mm, 1 x Ø 6 x 92 mm, 1 x Ø 8 x 117 mm Masonry drill bit (4 pieces): 1 x Ø 4 x 75 mm, 1 x Ø 5 x 85 mm 1 x Ø 6 x 100 mm, 1 x Ø 8 x 120 mm	1 piece / 9 pieces 	626728000

Drill bit assortment roll-up case, 20 pieces

	comprising:	Sales unit / sales display	Order no.
 NEW	Metal drill bit HSS-G (8 pieces): 2 x Ø 3 x 62 mm, 2 x Ø 4 x 62 mm, 1 x Ø 5 x 75 mm, 1 x Ø 6 x 92 mm, 1 x Ø 8 x 117 mm, 1 x Ø 10 x 135 mm Wood drill bits (6 pieces): 1 x Ø 3 x 62 mm, 1 x Ø 4 x 74 mm, 1 x Ø 5 x 85 mm, 1 x Ø 6 x 92 mm, 1 x Ø 8 x 117 mm, 1 x Ø 10 x 133 mm Masonry drill bit (6 pieces): 1 x Ø 3 x 60 mm, 1 x Ø 4 x 75 mm, 1 x Ø 5 x 85 mm, 1 x Ø 6 x 100 mm, 1 x Ø 8 x 120 mm, 1 x Ø 10 x 120 mm	1 piece / 9 pieces 	626729000

SDS-plus storage case, 4 pieces

- 4 pieces, in plastic storage case
- SDS-plus drill bit with high-quality carbide drill tip
- Dynamic, chisel-shaped bit head
- Large-volume S-spiral geometry ensures quick drill dust removal
- Good drilling output with good tool life
- For use in concrete, masonry, natural stone

	Diameter mm	Length mm	Sales unit / sales display	Order no.
	Ø 5, 6, 8.10	160	1 piece / 10 pieces 	625580000

SDS-plus classic drill bit/chiselling bit set, 10 pieces

- SDS-plus drill bit with high-quality carbide drill tip
- Dynamic, chisel-shaped bit head
- Large-volume S-spiral geometry ensures quick drill dust removal
- Good drilling output with good tool life
- For use in concrete, masonry, natural stone

	Diameter mm	Length mm	Sales unit / sales display	Order no.
 NEW	Ø 5, 5,5, 6, 7, 8	160	1 piece / 10 pieces	630824000
	Ø 10, 12, 14	210		
	Pointed chisel, L = 250 mm Flat chisel, Ø 20 x 250 mm			

SDS-plus chisel set , 2 pieces

- Comprising: 1 pointed chisel L = 200 mm, 1 x flat chisel 20 x 200 mm
- For general chiselling and demolition work of masonry, concrete and loose stones.

	Sales unit / sales display	Order no.
	1 piece / 6 pieces	630486000
		

SDS-max chisel set, 2 pieces

- Comprising: 1 pointed chisel L = 360 mm, 1 x flat chisel 25 x 360 mm
- For general chiselling and demolition work of masonry, concrete and loose stones.

	Sales unit / sales display	Order no.
	1 piece / 6 pieces	623309000
		

HSS-R drill bit storage case

- Metal drill bits, HSS-R, roll-milled version, cylindrical, type N, 118° cone-shaped, shell polished surface, in metal case
- suitable for drilling holes in steel, NF metals, cast steel, alloyed and non-alloyed; up to 900 N/mm² tensile strength

	Diameter x bore mm	Version	Sales unit / sales display		Order no.
	1-10 x 0.5	19 pieces	1 piece / 6 pieces		627151000
	1-13 x 0.5	25 pieces	1 piece / 4 pieces		627152000

HSS-G drill bit storage case

- HSS-G Metal drill bits, ground version, cylindrical, DIN 338, type N, 135° crosswise grinding, blank surface, in metal case
- Suitable for drilling holes in steel and cast steel, alloyed and unalloyed, grey cast iron, malleable cast iron, ductile cast iron, sintered iron, nickel silver, graphite, non-ferrous metals, plastic; Up to 900 N/mm^2 tensile strength.

	Diameter x bore mm	Version	Sales unit / sales display		Order no.
	1-10 x 0.5	19 pieces	1 piece / 6 pieces		627153000
	1-13 x 0.5	25 pieces	1 piece / 4 pieces		627154000

HSS-TiN drill bit storage case

- Metal drill bits, HSS-TiN, titanium nitrate alloy version, ground, cylindrical, type N, 135° crosswise grinding, gold-coloured surface, in metal case. HSS-TiN drill bit not suitable for processing aluminium!
- Ø 1-10 x 0.5 mm; Suitable for drilling holes in steel and cast steel, alloyed and unalloyed, grey cast iron, non-ferrous metals, plastic; up to 900 N/mm^2 tensile strength.

	Diameter x bore mm	Version	Sales unit / sales display		Order no.
	1-10 x 0.5	19 pieces	1 piece / 6 pieces		627156000

HSS-CO drill bit storage case

- Metal drill bits, HSS-CO, cobalt alloy version, ground, cylindrical, type N, 135° crosswise grinding, bronze surface, 19 pieces, in metal case
- Ø 1 - 10 x 0.5 mm; Suitable for drilling holes in steel, VA-steel, cast steel, non-ferrous metals, plastics, special alloys; up to 1100 N/mm^2 tensile strength

	Diameter x bore mm	Version	Sales unit / sales display		Order no.
	1-10 x 0.5	19 pieces	1 piece / 6 pieces		627157000

Accessory Sets

Geared chuck with SDS-plus adapter

- Geared chuck: 1.5 - 13 mm; 1/2" - 20 UNF; SDS-plus adapter with 1/2" - 20 UNF male thread, chuck key
- For use on rotary hammers with SDS plus holder; for clamping of straight shank drills, tools with straight shaft

	Sales unit / sales display	Order no.
 NEW	1 piece / 6 pieces 	626724000

Cutting discs Inox, TF 41, in tin

- Universal disc for processing steels/stainless steels
- Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %)
- Good cutting performance with good tool life.
- Low material consumption, power-saving, low machine load.

	Quality class	Diameter x thickness x bore	Version	Maximum speed	Sales unit / packing unit	Order no.
	A 60 R	115 x 1 x 22.23 mm	straight	13,200 /min	1 / 10 pieces	616358000
	A 60 R	125 x 1 x 22.23 mm	straight	13,200 /min	1 / 10 pieces	616359000
	A 60 R	125 x 1 x 16 mm	straight	13,200 /min	1 / 10 pieces 	616364000

Diamond cutting discs "Universal", segmented

- For general construction/building site materials such as concrete, exposed aggregate concrete, hard sandstone, clay tiles.
- Sintered diamond segments
- Segment height: 7.0 mm
- Maximum working speed: 80 m/s

	Diameter x bore	Segment width	Maximum speed	Sales unit / sales display	Order no.
	115 x 22.23 mm	7 mm	13,300 /min	1 piece / 10 pieces	624306000
	125 x 22.23 mm	7 mm	12,200 /min	1 piece / 10 pieces	624307000
	150 x 22.23 mm	7 mm	10,200 /min	1 piece / 10 pieces	624308000
	180 x 22.23 mm	7 mm	8,500 /min	1 piece / 10 pieces	624309000
	230 x 22.23 mm	7 mm	6,600 /min	1 piece / 10 pieces 	624310000

Jigsaw blade assortment, 10-piece, for wood+metal+plastic

- Suitable for Metabo, AEG, Atlas Copco, Black & Decker, Bosch, DeWalt, Elu, Festo, Hitachi, Holz-Her, Kress, Makita, Skil etc.
- For wood, metal and plastics
- Consisting of 623646000, 623634000, 623631000 x 2, 623633000 x 2, 623632000, 623639000, 623638000, 623637000
- Corresponds to: T119BO, T101B, T119B x 2, T144D x 2, T111C, T127D, T118B, T118A

	Material suitability	Sales unit / sales display	Order no.
	wood, metal, plastics	1 piece / 10 pieces 	623599000

Router assortment, 6 pieces

	comprising:		Sales unit / sales display	Order no.
	Straight bit (2 pieces): Ø 8 mm; Ø 12 mm; Core box bit (1 piece): Ø 12.7 mm, R 6.3 mm;	Rounding-over bit with ball bearing (1 piece): Ø 21.8 mm, R 6.3 mm Multi-radius ogee bit with ball bearing (1 piece): Ø 25 mm, R 4.5 mm V straight bit (1 piece): Ø 12.7 mm 14°	1 piece / 6 pieces	631040000

Router assortment, 15 pieces

	comprising:		Sales unit / sales display	Order no.
	Straight bit (4 pieces): Ø 6 mm; Ø 10 mm; Ø 12 mm; Ø 16 mm Core box bit (3 pieces): Ø 12.7 mm, R 6.3 mm; Ø 9.5 mm, R 4.8 mm; Ø 21.8 mm, R 6.3 mm Chamfer/bevelling tool (1 piece): Ø 31.5 mm, 45° V straight bit (1 piece): Ø 12.7 mm, 90°	Rounding-over bits (2 pieces): Ø 28.1 mm, R 9.5 mm; Ø 21.8 mm, R 6.3 mm Bevelling tool (1 piece): Ø 12.7 mm Dovetailing bit (1 piece): Ø 12.7 mm, 14° Multi-radius ogee bit (1 piece): Ø 25 mm, R 4.5 mm Rebating bit (1 piece): Ø 22.2 mm	1 piece / 6 pieces	631039000

Accessory modules: Well thought out in detail.

The high quality of the Metabo accessory program, plus an optimal presentation warrant a successful and lucrative accessory business.







- Attractive sales modules for high-turnover product areas, e.g. drills, hole saws, jigsaw blades
- Lockable sales cabinets for drills
- Clear product information with colour system on the head bands
- Behind the hinged head band, clear article designation with EAN Code, Order No., dimensions and price range. Thus quick identification of product and reordering without problem.
- Flexible hook system and safe fit of the products
- Presentation option on any wall, in the Metabo accessory presentation system or counter display
- Always within the visual focus of the customer
- Self service vendor system

Drill Bit Modules, module size 49 x 60 x 36 cm

Metal drill bit, HSS-G
Standard components 144 pieces
Order no. 690073000

Ø x GL mm	Units	Order no.
1.0 x 34	5	627950000
1.5 x 40	5	627951000
2.0 x 49	5	627952000
2.5 x 57	5	627953000
3.0 x 61	10	627954000
3.2 x 65	5	627955000
3.5 x 70	5	627957000
4.0 x 75	10	627958000
4.2 x 75	5	627960000
4.5 x 80	5	627961000
4.8 x 86	5	627962000
5.0 x 86	10	627963000
5.5 x 93	5	627966000
6.0 x 93	10	627967000
6.5 x 101	5	627968000
6.8 x 109	3	627969000
7.0 x 109	5	627970000
7.5 x 109	3	627971000
8.0 x 117	10	627973000
8.5 x 117	5	627975000
9.0 x 125	3	627976000
9.5 x 125	3	627977000
10.0 x 133	5	627978000
10.5 x 133	2	627980000
11.0 x 142	2	627981000
11.5 x 142	2	627982000
12.0 x 151	2	627983000
12.5 x 151	2	627984000
13.0 x 151	2	627985000

Metal drill bits, HSS-Co
Standard components 168 pieces
Order no. 690074000

Ø x GL mm	Units	Order no.
1.0 x 34	10	627430000
1.5 x 40	5	627431000
2.0 x 49	10	627432000
2.5 x 57	5	627433000
3.0 x 61	10	627435000
3.2 x 65	10	627436000
3.3 x 65	10	627437000
3.5 x 70	5	627438000
4.0 x 75	10	627439000
4.2 x 75	5	627441000
4.5 x 80	5	627442000
4.8 x 86	5	627443000
5.0 x 86	10	627444000
5.5 x 93	5	627447000
6.0 x 93	10	627448000
6.5 x 101	5	627449000
7.0 x 109	5	627451000
7.5 x 109	3	627452000
8.0 x 117	10	627454000
8.5 x 117	5	627456000
9.0 x 125	3	627457000
9.5 x 125	3	627458000
10.0 x 133	5	627459000
10.2 x 133	2	627460000
10.5 x 133	2	627461000
11.0 x 142	2	627462000
11.5 x 142	2	627463000
12.0 x 151	2	627464000
12.5 x 151	2	627465000
13.0 x 151	2	627466000



Concrete drill bit »pro«
Standard components 93 pieces
Order no. 690083000

Ø x GL mm	Units	Order no.
4.0 x 75	5	627224000
5.0 x 85	10	627225000
5.5 x 85	3	627226000
6.0 x 100	10	627227000
6.5 x 100	3	627228000
7.0 x 100	5	627229000
8.0 x 120	10	627230000
9.0 x 120	3	627389000
10.0 x 120	10	627391000
11.0 x 150	2	627392000
12.0 x 150	3	627393000
13.0 x 150	2	627394000
14.0 x 150	2	627395000
15.0 x 150	2	627396000
16.0 x 150	2	627399000
18.0 x 160	2	627409000
20.0 x 160	2	627410000
5.0 x 150	3	627421000
6.0 x 150	3	627423000
8.0 x 200	3	627426000
10.0 x 200	3	627427000
12.0 x 200	3	627428000
14.0 x 200	2	627429000

Concrete drill bit »classic«
Standard components 93 pieces
Order no. 690084000

Ø x GL mm	Units	Order no.
4.0 x 75	5	627625000
5.0 x 85	10	627626000
5.5 x 85	3	627627000
6.0 x 100	10	627646000
6.5 x 100	3	627650000
7.0 x 100	5	627651000
8.0 x 120	10	627652000
9.0 x 120	3	627653000
10.0 x 120	10	627654000
11.0 x 150	2	627655000
12.0 x 150	3	627656000
13.0 x 150	2	627657000
14.0 x 150	2	627658000
15.0 x 150	2	627659000
16.0 x 150	2	627661000
18.0 x 160	2	627662000
20.0 x 160	2	627664000
5.0 x 150	3	627665000
6.0 x 150	3	627675000
8.0 x 200	3	627679000
10.0 x 200	3	627697000
12.0 x 200	3	627698000
14.0 x 200	2	627699000

SDS-Plus drill bit, pro 4
Standard components 120 pieces
Order no. 690086000

Ø x GL mm	Units	Order no.
5.0 x 110	5	631820000
5.0 x 160	5	631821000
6.0 x 110	10	631824000
6.0 x 160	10	631825000
6.0 x 210	5	631826000
8.0 x 110	5	631832000
8.0 x 160	10	631833000
8.0 x 210	5	631834000
8.0 x 260	3	631835000
10.0 x 110	10	631837000
10.0 x 160	10	631838000
10.0 x 210	5	631839000
10.0 x 260	2	631840000
10.0 x 310	2	631841000
12.0 x 160	5	631844000
12.0 x 210	5	631845000
12.0 x 260	2	631846000
14.0 x 160	5	631849000
14.0 x 210	3	631850000
14.0 x 260	2	631851000
14.0 x 310	2	631852000
16.0 x 160	5	631854000
16.0 x 210	2	631855000
16.0 x 310	2	631856000

SDS Plus drill bit, pro 4 "PREMIUM"
Standard components 160 pieces
Order no. 690424000

Ø x GL mm	Units	Order no.
5.0 x 110	5	626200000
5.0 x 160	5	626201000
5.5 x 110	3	626202000
5.5 x 160	3	626203000
6.0 x 110	8	626204000
6.0 x 160	8	626205000
6.0 x 210	8	626206000
6.0 x 260	8	626207000
6.0 x 310	3	626208000
6.5 x 160	3	626209000
6.5 x 210	3	626210000
6.5 x 260	3	626211000
7.0 x 110	3	626213000
7.0 x 160	3	626214000
8.0 x 110	8	626215000
8.0 x 160	8	626216000
8.0 x 210	8	626217000
8.0 x 260	8	626218000
10.0 x 110	8	626219000
10.0 x 160	8	626220000
10.0 x 210	8	626221000
10.0 x 260	8	626222000
10.0 x 310	5	626223000
12.0 x 160	5	626225000
12.0 x 210	5	626226000
12.0 x 260	3	626227000
12.0 x 310	3	626228000
14.0 x 160	3	626230000
14.0 x 210	3	626231000
14.0 x 310	3	626232000

Accessory Modules

Drill Bit Modules, module size 49 x 60 x 36 cm

Universal Wood Drill Bits
Standard components 126 pieces
Order no. 690076000

Ø x GL mm	Units	Order no.
4.0 x 85	5	627680000
5.0 x 85	5	627681000
6.0 x 100	10	627683000
6.0 x 150	10	627684000
8.0 x 120	5	627688000
8.0 x 250	5	627689000
10.0 x 120	3	627691000
10.0 x 250	3	627692000
12.0 x 150	3	627693000
12.0 x 250	3	627694000
3.0 x 61	5	627986000
4.0 x 75	5	627987000
5.0 x 86	5	627988000
6.0 x 93	10	627989000
7.0 x 109	3	627990000
8.0 x 117	10	627991000
9.0 x 120	2	627992000
10.0 x 133	10	627993000
11.0 x 142	2	627994000
12.0 x 151	6	627995000
13.0 x 151	2	627996000
14.0 x 151	4	627997000
15.0 x 160	2	627998000
16.0 x 160	4	627999000
18.0 x 180	2	627339000
20.0 x 200	2	627340000

Flat timber drill bits, wood drill bits, Forstner drill bits
Standard components 92 pieces
Order no. 690080000

Ø x GL mm	Units	Order no.
10.0 x 160	3	627312000
12.0 x 160	3	627313000
14.0 x 160	3	627315000
16.0 x 160	3	627316000
18.0 x 160	3	627317000
20.0 x 160	3	627319000
25.0 x 160	3	627322000
26.0 x 160	3	627323000
30.0 x 160	3	627325000
36.0 x 160	3	627327000
3.0 x 61	5	627986000
4.0 x 75	5	627987000
5.0 x 86	5	627988000
6.0 x 93	5	627989000
8.0 x 117	5	627991000
10.0 x 133	5	627993000
12.0 x 151	3	627995000
14.0 x 151	3	627997000
16.0 x 160	3	627999000
18.0 x 180	3	627339000
10.0 x 90	2	627579000
12.0 x 90	2	627580000
14.0 x 90	2	627581000
15.0 x 90	2	627582000
20.0 x 90	2	627585000
25.0 x 90	2	627588000
26.0 x 90	2	627589000
30.0 x 90	2	627591000
35.0 x 90	2	627594000



Forstner Drill Bit
Standard components 45 pieces
Order no. 690081000

Ø x GL mm	Units	Order no.
10.0 x 90	3	627579000
12.0 x 90	3	627580000
14.0 x 90	3	627581000
15.0 x 90	3	627582000
16.0 x 90	3	627583000
18.0 x 90	3	627584000
20.0 x 90	3	627585000
22.0 x 90	2	627586000
24.0 x 90	2	627587000
25.0 x 90	2	627588000
26.0 x 90	2	627589000
28.0 x 90	2	627590000
30.0 x 90	2	627591000
32.0 x 90	2	627592000
34.0 x 90	2	627593000
35.0 x 90	2	627594000
36.0 x 90	2	627595000
38.0 x 90	2	627596000
40.0 x 90	2	627597000

Auger Bits
Standard components 78 pieces
Order no. 690078000

Ø x GL mm	Units	Order no.
8.0 x 230	3	627124000
10.0 x 230	5	627125000
12.0 x 230	5	627126000
14.0 x 230	5	627127000
16.0 x 230	5	627128000
18.0 x 230	2	627129000
20.0 x 230	2	627130000
22.0 x 230	2	627131000
24.0 x 230	2	627132000
26.0 x 230	2	627133000
28.0 x 230	2	627134000
30.0 x 230	2	627135000
32.0 x 230	2	627136000
8.0 x 460	3	627137000
10.0 x 460	5	627138000
12.0 x 460	5	627139000
14.0 x 460	5	627140000
16.0 x 460	5	627141000
18.0 x 460	2	627142000
20.0 x 460	2	627143000
22.0 x 460	2	627144000
24.0 x 460	2	627145000
26.0 x 460	2	627146000
28.0 x 460	2	627147000
30.0 x 460	2	627148000
32.0 x 460	2	627150000

Concrete »classic«, wood HSS-G drill bits
Standard components 134 pieces
Order no. 690085000

Ø x GL mm	Units	Order no.
4.0 x 75	5	627625000
5.0 x 85	5	627626000
6.0 x 100	5	627646000
6.0 x 150	5	627675000
8.0 x 120	5	627652000
8.0 x 200	5	627679000
10.0 x 120	5	627654000
12.0 x 150	3	627656000
14.0 x 150	3	627658000
16.0 x 160	3	627661000
3.0 x 61	5	627986000
4.0 x 75	5	627987000
5.0 x 86	5	627988000
6.0 x 93	5	627989000
8.0 x 117	5	627991000
10.0 x 133	5	627993000
12.0 x 151	3	627995000
14.0 x 151	3	627997000
16.0 x 160	3	627999000
18.0 x 180	3	627339000
3.0 x 61	5	627954000
3.5 x 70	5	627957000
4.0 x 75	5	627958000
4.5 x 80	5	627961000
5.0 x 86	5	627963000
5.5 x 93	5	627966000
6.0 x 93	5	627967000
6.5 x 101	5	627968000
8.0 x 117	5	627973000
10.0 x 133	3	627978000

Flat timber drill bits, glass drill bits
Standard components 75 pieces
Order no. 690077000

Ø x GL mm	Units	Order no.
8.0 x 160	3	627311000
10.0 x 160	3	627312000
12.0 x 160	3	627313000
13.0 x 160	3	627314000
14.0 x 160	3	627315000
16.0 x 160	3	627316000
18.0 x 160	3	627317000
19.0 x 160	3	627318000
20.0 x 160	6	627319000
22.0 x 160	3	627320000
24.0 x 160	3	627321000
25.0 x 160	3	627322000
26.0 x 160	3	627323000
28.0 x 160	3	627324000
30.0 x 160	3	627325000
32.0 x 160	3	627326000
36.0 x 160	3	627327000
38.0 x 160	3	627328000
(Verl.) 270	3	627329000
4.0 x 65	3	627243000
5.0 x 65	3	627244000
6.0 x 65	3	627245000
8.0 x 65	3	627246000
10.0 x 65	3	627247000

Drill bit cabinets HSS-R



Drill bit cabinet, small
- In the smallest of spaces (37.5 x 23.5 x 20.5 cm) the most important and most powerful HSS drill bits, roll-milled version

Contents	Order no.
29 dimensions with a total of 490 bits: Ø 1.0–13.0 mm, 0.5 mm ascending, in addition Ø 3.2 mm, 4.2 mm, 4.8 mm, 6.8 mm	**690103000**



Drill bit cabinet, large
- The most important and most powerful HSS bits, roll-milled version

Contents	Order no.
98 dimensions with a total of 945 drill-bits: Ø 1.0–13.0 mm, 0.1 mm ascending, additional Ø 10.2 mm	**690106000**

Drill bit cabinets HSS-G



Drill bit cabinet, small
- In the smallest of spaces (37.5 x 23.5 x 20.5 cm) the most important and most powerful HSS drill bits, ground version

Contents	Order no.
29 dimensions with total 410 bits: Ø 1.0 - 13.0 mm: 0.5 mm ascending in addition Ø 3.2 mm, 4.2 mm, 4.8 mm, 6.8 mm	**690104000**

Hole Saw Module



HSS Bi-metal Hole Saws
Standard components 58 pieces
Order no. 690425000

Designation	Ø mm	Pieces	Order no.
	19	2	625163000
	20	2	625164000
	25	2	625168000
	29	2	625170000
	32	2	625172000
	35	2	625174000
	38	2	625176000
	40	2	625177000
	44	2	625180000
	51	2	625184000
	57	2	625188000
	60	2	625190000
	64	2	625191000
	68	2	625194000
	76	2	625197000
	83	2	625199000
	95	2	625203000
Pilot drill, (6.35 mm)		8	625220000
adapter SW9 (14-30 mm)		8	625215000
adapter SW11 (32-152 mm)		8	625216000

Jigsaw Blade Module



Small jigsaw blade module
Standard components 180 pieces
Order no. 690101000

Corresponding Bosch type	Useable length mm	Tooth pitch mm	Units	Order no.
T 119 BO	50	1.2	10	623646000
T 119 B	50	2	10	623631000
T 111 C	75	3	10	623632000
T 144 D	75	4	10	623633000
T 244 D	75	4	10	623649000
T 101 D	75	4	10	623635000
T 101 B	75	2.5	10	623634000
T 301 CD	85	3	10	623654000
T 234 X	90	progr.	10	623675000
Assortment			10	623645000
T 118 G	50	0.7	10	623636000
T 118 A	50	1.2	10	623637000
T 118 B	50	2	10	623638000
T 127 D	75	3	10	623639000
T 118 AF	50	1.2	10	623971000
T 318 A	100	1.2	10	623629000
T 123 X	75	progr.	10	623676000
T 345 XF	105	progr.	10	623677000

Jigsaw Blade Module



Large jigsaw blade module
Standard components 270 pieces
Order no. 690105000

Corresponding Bosch type	Useable length mm	Tooth pitch mm	Units	Order no.
T 119 BO	50	1.2	10	623646000
T 119 B	50	2	10	623631000
T 111 C	75	3	10	623632000
T 144 D	75	4	10	623633000
T 244 D	75	4	10	623649000
T 144 DP	75	4	10	623694000
T 101 D	75	4	10	623635000
T 101 BR	75	2.5	10	623650000
T 101 B	75	2.5	10	623634000
T 101 AO	50	1.35	10	623651000
T 301 CLF	105	3	10	623977000
T 301 CD	85	3	10	623654000
T 234 X	90	progr.	10	623675000
Assortment			10	623645000
T 118 G	50	0.7	10	623636000
T 118 A	50	1.2	10	623637000
T 218 A	50	1.2	10	623647000
T 118 B	50	2	10	623638000
T 127 D	75	3	10	623639000
T 101 A	75	2	10	623640000
T 118 AF	50	1.2	10	623971000
T 118 EF	50	1.5	10	623972000
T 118 BF	50	2	10	623973000
T 127 DF	75	3	10	623974000
T 318 A	100	1.2	10	623629000
T 123 X	75	progr.	10	623676000
T 345 XF	105	progr.	10	623677000

Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
600065	341	600441	340	600713	281	601163	41	601568	513	602191	27
600066	339	600442	340	600724	370	601204	376	601569	518	602192	32
600079	19	600443	336	600737	365	601205	468	601570	518	602193	27
600080	19	600444	336	600738	365	601206	58	601571	518	602198	37
600093	20	600448	111	600776	62	601207	58	601572	519	602200	32
600103	361	600463	63	600777	62	601229	366	601573	519	602203	71
600129	336	600464	119	600780	242	601230	103	601574	515	602204	314
600131	336	600465	111	600781	241	601231	105	601575	515	602205	37
600132	226	600468	112	600782	242	601232	103	601576	515	602206	24
600133	226	600472	120	600783	243	601233	105	601577	516	602207	24
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600156	590	600492	112	600786	244	601240	107	601581	523	602234	520
600157	19	600493	120	600787	242	601241	110	601582	523	602235	520
600174	44	600496	112	600795	69	601242	118	601583	522	602236	520
600191	48	600506	120	600796	40	601243	110	601584	522	602242	63
600192	49	600512	230	600806	230	601306	42	601585	523	602245	31
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600261	30	600516	115	600845	34	601403	390	601588	498	602266	53
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600353	227	600562	113	600967	550	601535	492	601753	213	602350	28
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600376	106	600621	50	600978	557	601546	494	602034	458	602540	424
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600389	107	600659	285	601041	389	601555	508	602082	57	604040	323
600396	288	600663	284	601086	114	601556	509	602102	26	604111	546
600398	108	600667	434	601087	121	601558	510	602103	31	604112	546
600404	46	600668	434	601088	123	601559	510	602104	26	604113	547
600405	335	600670	240	601089	114	601560	507	602111	61	604114	547
600407	118	600671	240	601092	114	601561	506	602117	21	604115	506
600408	108	600672	240	601095	123	601562	511	602170	43	604116	507
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600428	108	600688	288	601099	123	601566	512	602177	71	604119	503
600436	109	600697	281	601100	389	601567	512	602183	192	604120	505

Order No.	Page
606153	282
606154	283
606156	282
606157	283
606162	481
606163	481
606164	483
606165	483
606166	484
606167	484
606176	64
606177	405
606178	405
606212	22
606213	22
606461	125
606462	127
606463	125
606464	127
606465	127
606466	125
606467	128
606468	125
606469	128
606470	128
606471	126
606472	128
606473	126
606474	129
606475	129
606476	129
608745	573
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608765	573
608855	574
608865	574
608875	574
609225	335
611216	426
611350	340
611351	340
611750	218
612216	426
613021	57
613022	52
613024	433
613025	56
613060	84
613069	84
613072	44
613075	45
613077	45
613078	46
613080	85
613082	85
613083	86
613085	86
613087	46
613101	68
613102	47
614044	317
614045	317
614046	317
614047	317
615025	337
615050	337
615250	170
618121	478
619000	422
619001	422
619002	51
619003	424
619004	428
619125	217
619150	217
619175	218
619200	219
619201	219
619216	423
619250	219
619260	423
619261	423
619305	424
620001	309
620002	309
620016	572
620017	572
620018	572
620044	308
620045	308
620046	308
620047	35
620048	35
620049	35
657025	64
657026	64
657027	64
657028	64
657029	64
657030	64
657031	64
0102540200	427
0102540300	427
0102540318	427
0102900000	430
0102900018	430
0103150000	427
0103150018	427
0103152000	436
0103152100	436
0103153100	436
0103153300	436
0103330000	431
0103330018	431
0104003000	438
0104004000	438
0104605000	438
0104705000	438
0114026000	451
0114026100	451
0130170100	468
0130200100	469
0130200110	469
0192901000	430
0192901018	430
0193330000	431
0193330018	431
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0250400055	558
0250500050	558
0250660000	540
0250660006	541
0250750000	545
0250750013	542
0250750100	543
0250800000	540
0250800002	541
0251200009	542
0251300000	540
0251400000	544
0251500000	545
0251600000	544
0251800000	545
600065500	341
600066500	339
600103000	361
600129000	336
600131000	336
600136000	361
600211660	39
600211930	39
600311500	341
600321850	180
600375000	342
600405000	335
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600408510	321
600441500	340
600442500	340
600443500	336
600444500	336
600465510	328
600572000	175
600572500	175
600585700	228
600585800	228
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600627000	201
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600738000	365
600890000	273
601229000	366
601579000	522
601579010	522
601579180	522
601580000	522
601580010	522
601580180	522
601581000	523
601581010	523
601581180	523
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601582010	523
601582180	523
601583000	522
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601585180	523
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601586180	523
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601751700	212
601752500	213
601753500	213
601755500	213
602082700	371
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602117610	21
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602244500	180
602259000	185
602259500	185
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611350000	340
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611750000	218
612001000	273
612003000	273
612216000	426
613024660	70
613025850	70
613080000	175
613080500	175
615025000	337
615050000	337
616100000	135
616101000	135
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616122000	137
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616137000	138
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616196000	138
616197000	87
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616204000	139
616208000	136
616209000	136
616210000	136
616212000	139
616213000	139
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616216000	136
616217000	136
616218000	136
616219000	136
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616222000	136
616224000	136
616226000	136
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616228000	136
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616299000	135
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616328000	139
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616446000	134
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616449000	138
616450000	134
616452000	134
616453000	138
616454000	134
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616727000	134
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616736000	140
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616738000	135
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616744000	135
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616747000	141
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616752000	137
616753000	137
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616760000	141
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616770000	134
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616796000	141
619000650	55
619001650	55
619003000	424
619004000	428
619008000	444
619009000	445
619010000	445
619125000	217
619150000	217
619175000	218
619200000	219
619201000	219
619216000	423
619250000	219
619260000	423
619261000	423
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622987000	150
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622992000	150
622994000	150
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622996000	150
622997000	150
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623032000	303
623034000	303
623035000	303
623036000	303
623038000	303
623107000	172
623112000	145
623114000	145
623115000	145
623140000	166
623175000	145
623176000	145
623177000	145
623178000	145
623195000	145
623196000	145
623197000	145
623198000	145
623259000	273
623262000	89
623265000	172
623272000	171
623273000	171
623275000	151
623276000	166
623278000	151
623279000	151
623280000	151
623281000	151
623282000	151
623283000	151
623284000	151
623287000	171
623288000	171
623289000	171
623290000	151
623291000	151
623292000	151
623298000	179
623299000	303
623300000	148
623309000	588
623310000	297
623311000	297
623312000	297
623313000	297
623314000	297
623315000	297
623316000	297
623317000	297
623318000	297
623319000	297
623320000	297
623321000	297
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623323000	297
623324000	297
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623392000	304
623393000	304
623394000	304
623395000	304
623396000	304
623398000	304
623399000	304
623443000	402
623463000	302
623464000	302
623468000	187
623469000	187
623470000	186
623473000	186
623474000	186
623475000	186
623476000	186
623477000	187
623479000	187
623480000	187
623481000	187
623482000	187
623483000	187
623484000	187
623485000	187
623486000	187
623487000	187
623488000	187
623494000	187
623495000	186
623496000	186
623499000	188
623501000	189
623503000	189
623505000	189
623506000	189
623507000	188
623508000	188
623509000	188
623510000	188
623511000	189
623512000	186
623513000	187
623514000	187
623519000	186
623520000	188
623521000	265
623522000	188
623524000	188
623525000	188
623526000	187
623527000	187
623528000	187
623529000	190
623530000	190
623531000	271
623536000	190
623537000	190
623538000	190
623539000	190
623541000	190
623542000	186
623545000	385
623546000	385
623547000	385
623548000	385
623549000	385
623550000	385
623551000	385
623559000	214
623560000	214
623561000	214
623562000	214
623564000	214
623565000	214
623567000	187
623569000	79
623591000	401
623595000	401
623596000	401
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623670000	402
623671000	398
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623676000	398
623677000	396
623678000	394
623679000	395

Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
623684000	398	623923000	395	624028000	348	624139000	149	624481000	351	624968000	171
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Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
625168000	269	625235000	293	625605000	354	625790000	351	626171000	146	626228000	294
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Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
626308000	194	626401000	184	626510000	235	626596000	236	626683000	349	626851000	346
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Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
627010000	268	627154000	589	627317000	267	627437000	258	627534000	263	627680000	263
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Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
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Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
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Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
630519000	292	630727000	143	630992000	301	631219000	344	631492000	411	631805000	292
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630719000	168	630977000	210	631213000	325	631488000	413	631802000	292	631876000	292
630725000	142	630979000	210	631216000	345	631490000	413	631803000	292	631878000	452
630726000	142	630980000	209	631217000	172	631491000	409	631804000	292	631879000	292

Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
631894000	467	635049000	248	636517000	248	685111000	75	0901026025	533	0901053855	514
631907000	414	635050000	248	636518000	247	685115000	75	0901026041	535	0901053863	514
631909000	410	635054000	248	636519000	247	685117000	75	0901026050	535	0901053871	514
631910000	413	635056000	248	636520000	247	685120000	66	0901026068	535	0901053880	514
631911000	411	635058000	248	636601000	246	685121000	66	0901026076	535	0901053898	514
631912000	412	635072000	248	636602000	246	685122000	75	0901026084	535	0901053901	514
631913000	413	635100000	77	636608000	76	685123000	66	0901026092	535	0901054568	530
631914000	411	635104000	249	636609000	248	685124000	66	0901026106	535	0901054584	526
631915000	412	635105000	249	636612000	247	685125000	66	0901026130	534	0901054908	529
631916000	414	635114000	249	636613000	247	685126000	66	0901026149	534	0901054916	529
631917000	414	635115000	249	636614000	247	685128000	66	0901026157	534	0901054924	529
631918000	414	635116000	249	636615000	246	685129000	66	0901026173	534	0901054932	529
631920000	305	635125000	249	636616000	246	685130000	75	0901026190	534	0901054940	529
631921000	305	635126000	249	636617000	246	685131000	75	0901026203	534	0901054959	529
631922000	305	635128000	249	636619000	246	685132000	75	0901026220	535	0901054967	529
631923000	305	635132000	249	636620000	246	685133000	75	0901026238	535	0901054975	530
631924000	305	635133000	249	636621000	246	685134000	75	0901026246	535	0901054983	536
631925000	412	635143000	249	636623000	77	685135000	75	0901026254	535	0901054991	536
631926000	412	635144000	249	636624000	246	685136000	75	0901026262	521	0901055769	521
631927000	306	635146000	249	636625000	246	685137000	66	0901026289	535	0901056048	529
631928000	305	635165000	249	642395000	249	685138000	66	0901026319	536	0901056056	529
631930000	305	635167000	249	642396000	249	685139000	66	0901026327	524	0901056161	529
631931000	305	635168000	249	657006000	579	685140000	66	0901026351	532	0901056218	529
631932000	411	635169000	249	657007000	579	690073000	593	0901026360	532	0901056226	529
631933000	467	635250000	248	685038000	65	690074000	593	0901026378	536	0901057290	529
631934000	467	635252000	248	685039000	65	690076000	594	0901026386	536	0901057303	529
631935000	466	635253000	248	685048000	74	690077000	594	0901026408	524	0901058903	529
631936000	466	635254000	248	685049000	74	690078000	594	0901026521	524	0901059489	528
631937000	467	635255000	248	685050000	74	690080000	594	0901026530	524	0901059500	528
631938000	372	635302000	248	685051000	74	690081000	594	0901026548	524	0901059691	527
631939000	402	635304000	248	685053000	65	690083000	593	0901026572	524	0901062145	529
631940000	464	636215000	246	685054000	65	690084000	593	0901026645	531	0901063087	524
631943000	305	636216000	246	685061000	74	690085000	594	0901026653	531	0901063095	524
631945000	209	636217000	246	685062000	75	690086000	593	0901026661	521	0901063109	524
631946000	209	636219000	77	685063000	75	690101000	596	0901026777	536	0901063788	526
631947000	209	636225000	246	685064000	75	690103000	595	0901026807	536	0901063796	526
631948000	209	636226000	246	685065000	75	690104000	595	0901026815	521	0901063800	526
631949000	209	636227000	246	685066000	74	690105000	596	0901026858	517	0901063818	526
631967000	467	636241000	246	685067000	74	690106000	595	0901026866	517	0901063826	525
631968000	306	636242000	246	685068000	75	690424000	593	0901026882	517	0901063834	525
631980000	358	636243000	246	685069000	75	690425000	596	0901026904	517	0901063850	525
631981000	358	636321000	247	685074000	75	0901004170	525	0901031517	531	0901063869	525
631984000	412	636322000	247	685077000	75	0910057553	440	0901031550	521	0901063877	525
631985000	412	636323000	247	685081000	65	0901008540	524	0901053715	514	0901063885	525
631986000	412	636333000	247	685082000	65	0901013047	524	0901053723	514	0901064423	524
631987000	412	636341000	247	685083000	65	0901025894	531	0901053731	514	0903009250	564
631989000	410	636342000	247	685084000	65	0901025908	531	0901053740	514	0903014253	564
631990000	409	636343000	247	685088000	65	0901025916	531	0901053758	514	0903016450	564
631991000	410	636351000	247	685089000	65	0901025924	531	0901053766	514	0903018410	559
631992000	410	636353000	247	685090000	65	0901025932	531	0901053774	514	0903019352	560
631993000	410	636356000	247	685091000	65	0901025940	532	0901053782	514	0903019379	559
635000000	165	636361000	247	685094000	66	0901025959	533	0901053790	514	0903028351	565
635008000	248	636362000	247	685095000	66	0901025967	533	0901053804	514	0903028360	565
635019000	248	636363000	247	685106000	75	0901025975	533	0901053812	514	0903028416	565
635033000	248	636364000	247	685107000	74	0901025983	532	0901053820	514	0903028432	565
635035000	248	636515000	248	685109000	75	0901025991	532	0901053839	514	0903028440	565
635036000	248	636516000	248	685110000	75	0901026017	533	0901053847	514	0903028521	566

Order No.	Page
0903050306	564
0903050314	564
0903053143	559
0903058005	565
0903060778	567
0903061200	561
0903061219	561
0903061227	561
0903061235	561
0903061243	563
0903061251	563
0903061260	562
0903061278	562
0903061294	560
0903061316	565
0903061340	566
0903061359	562
0903061367	562
0903061375	560
0903061677	559
0903061685	559
0903063122	567
0903063130	567
0903063149	567
0903064838	559
0903064846	559
0903064854	559
0909000416	448
0909000424	448
0909029171	448
0909029180	448
0909029210	448
0909029228	448
0909029244	448
0909029252	448
0909029260	448
0909029279	448
0909030528	449
0909030536	449
0909030544	449
0909030552	449
0909031249	449
0909040817	448
0909040825	448
0909040841	448
0909052939	448
0909057175	448
0909057183	448
0909057191	448
0909060257	448
0909060265	448
0909060273	448
0909060281	448
0909060303	449
0909060320	449
0909060338	449
0909060346	449
0909060354	449
0910031260	471
0910053353	443
0910057553	440
0910058010	471
0910058967	440
0910059955	471
0910063707	439
0910064312	439
0910064347	439
0910064363	439
0910064371	439
0910064401	439
0911001071	443
0911014220	452
0911016362	452
0911018691	443
0911030713	452
0911030721	452
0911030730	452
0911030748	452
0911030845	452
0911050390	452
0911053179	452
0911060167	452
0911062119	452
0911063549	452
0913005058	470
0913007123	470
0913010779	471
0913013565	471
0913013581	470
0913014626	470
0913014634	470
0913017617	470
0913031270	472
0913031288	471
0913031296	472
0913031300	472
0913059433	471
0913059441	470
0920016529	470
0920054030	452
0920054048	452
1001672319	521
1319706247	524
4313062258	443
6109079322	527
7710672339	521
7800009035	532
7800009043	532
7800009558	532
7801009055	531
7801009063	531
7801009071	531
7802009083	531
7802009091	531
7802009105	531
7803009117	532
7803009125	533
7803009133	532
7803009141	533
7804009161	533
7804010372	533
7804065606	533
7805009300	535
7805009319	535
7805009343	535
7805009351	535
7805009416	535
7805009432	535
7805009440	535
7805009459	535
7805009475	535
7805009483	535
7805033767	535
7806009185	534
7806009207	534
7806034996	534
7807009367	536
7807009375	536
7808009247	534
7809009275	535
7809009283	535
7809009291	535
7809035764	535
7823672327	521
7851194171	527
7851194180	527
7854112915	471
7854115035	471
7876193943	527
7876193951	527
7876193978	528
7876193986	528
7876193994	528
7876194001	527
7876194010	527
7876194028	527
7876194060	527
7876194079	527
7876194117	528
7876194125	527
7876194133	527
7876693610	528
7876693628	528
9109691680	528

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