

metabo®








PROFESSIONAL POWER TOOL SOLUTIONS

Power Tools + Accessories





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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.



MOBILITY

SAFETY

PRODUCTIVITY

SERVICE

ROBUSTNESS

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.





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



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.



Machine



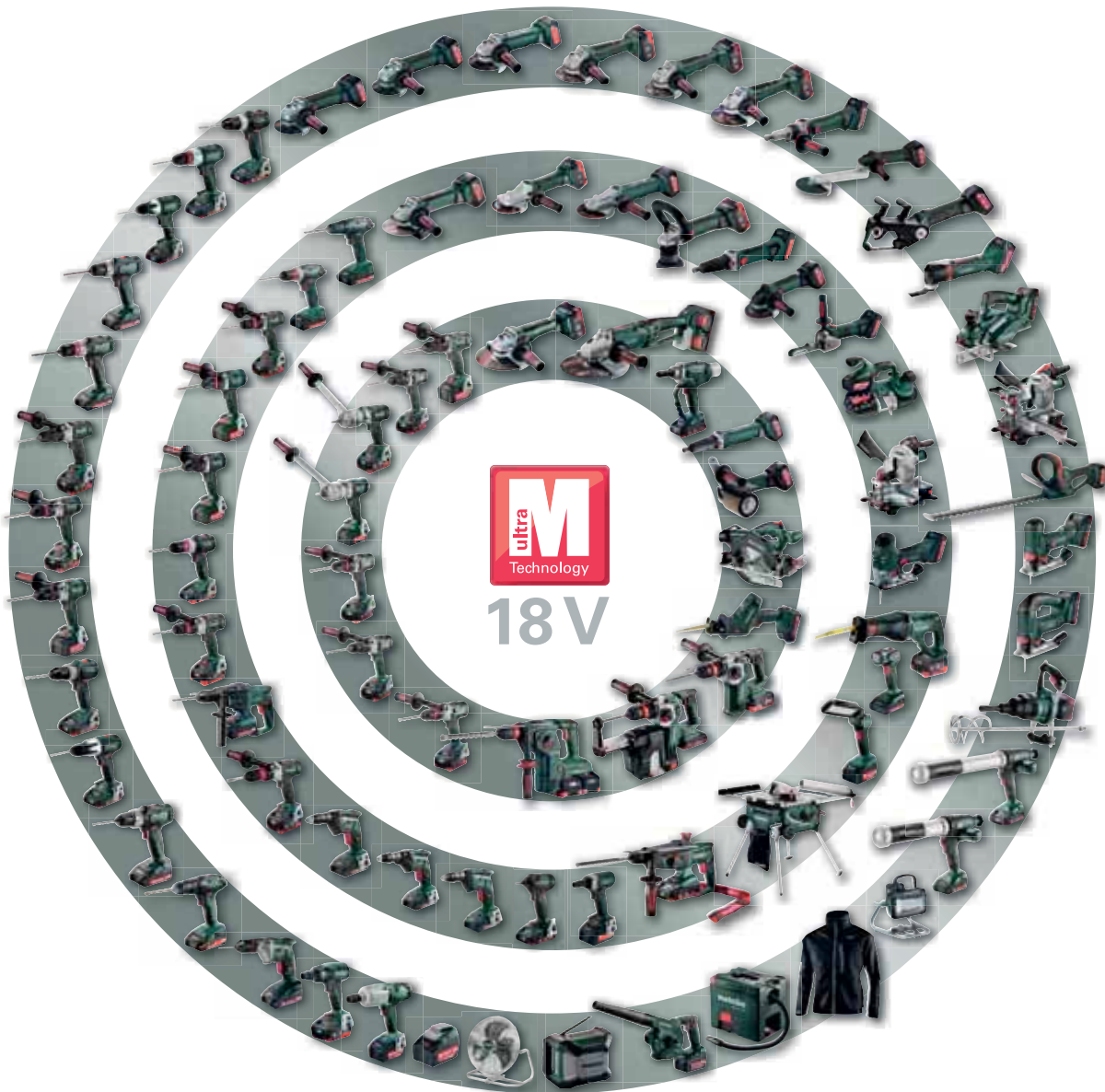
Consumables



System accessories



100% compatible. Naturally.



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
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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)

The Metabo Quick system: Versatile and convenient.



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

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

Drill with 1/4" (6.35 mm) hexagonal shank

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

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

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

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

BE 75 Quick

BS 18 LTX Quick
SB 18 LTX Quick

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

BS 18 LT Quick

BS 18 LT BL Q

BS 18 L Quick

PowerMaxx BS Quick

BS 18 Quick

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

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

Quick change threaded chuck M8 - M12
Order no. 627237000

Quick change threaded chuck M4 - M6
Order no. 627235000

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

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

10.8 V



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

System components

Accessories → 234

Battery packs → 72

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

System components

Accessories → 315

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
- 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
- Compact and handy for versatile use

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

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

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

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 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 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



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

- 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
- 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

System components

Accessories → 76, 252

Battery packs → 72

Quick system → 18

18 V



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

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.

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.



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



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



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



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



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



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



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

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 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 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



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



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

System components

Accessories → 181

Battery packs → 72



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 → 183

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 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

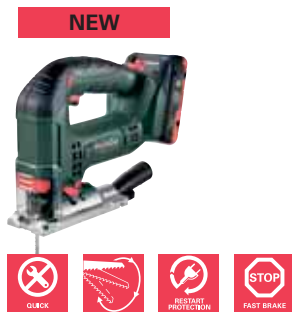
- Powerful, light, cordless circular saw for universal use on construction sites
- Aluminium base plate can be directly used on guide rails from Metabo and other manufacturers
- Fast brake stops the saw blade quickly and improves safety
- Accurately angled bevel cuts down to 50°, with handy snap-in point 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 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

NEW



2x 18 V



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



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

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

- | | |
|---|--|
| <ul style="list-style-type: none"> ■ Powerful LED portable lamp for uniform, bright illumination of the working area ■ Lamp head can be tilted and locked in 12 positions | <ul style="list-style-type: none"> ■ 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 |
| <ul style="list-style-type: none"> ■ 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 | |

System components

Battery packs → 72

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



14.4 V
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

Technical data

**Cordless Heated Jacket
HJA 14.4-18**

Type of battery pack	Li-Ion / LiHD
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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

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

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

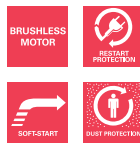
Accessories → 130

Battery packs → 72

36 V
2x 18 V



NEW



**Cordless Table Saw
TS 36 LTX BL 254**



NEW



**Cordless Table Saw
TS 36-18 LTX BL 254**

Technical data

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

Battery Packs






LiHD Battery Packs

	Battery pack voltage	Capacity of battery pack	AIR COOLED	Order no.	
 	LiHD slide-on battery packs				
	<ul style="list-style-type: none"> ■ 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«				
	<ul style="list-style-type: none"> ■ 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			
<ul style="list-style-type: none"> ■ 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*
	Li-ion battery packs 7.2 V				
	<ul style="list-style-type: none"> ■ 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

		Order no.
	Charger LC 40 <ul style="list-style-type: none"> ■ 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 <ul style="list-style-type: none"> ■ 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 <ul style="list-style-type: none"> ■ 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 <ul style="list-style-type: none"> ■ 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 <ul style="list-style-type: none"> ■ 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



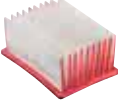
		Order no.	
10.8 V		Basic set 10.8 V / 2 x 2.0 Ah 2 x battery pack 10.8 V/2.0 Ah Charger LC 40	685066000
		Basic set 10.8 V / 1 x 2.0 Ah / 1 x 5.2 Ah 1 x battery pack 10.8 V/2.0 Ah 1 x battery pack 10.8 V/5.2 Ah Charger LC 40	685067000
18 V		Basic set 2 x 3.0 Ah 2 x Li-Power battery pack 18 V/3.0 Ah Charger 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

Accessories for »Quick« Drills and Drills / Screwdrivers

Accessories for »Quick« Drills and Drills/Screwdrivers		Order no.
	<p>PowerX3 torque setting adapter</p> <ul style="list-style-type: none"> ■ 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 <p>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.</p>	627256000
	<p>Quick-change geared chuck »Quick«</p> <ul style="list-style-type: none"> ■ 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*
	<p>Quick-change chuck Futuro Plus S 1 M, »Quick«</p> <ul style="list-style-type: none"> ■ 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*
	<p>Quick-change chuck Futuro Plus H 1 R+L, »Quick«</p> <ul style="list-style-type: none"> ■ 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*
	<p>Quick-change chuck Futuro Plus H 1 R+L, »Quick«</p> <ul style="list-style-type: none"> ■ 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*
	<p>Quick change threaded chuck M4 - M6</p> <ul style="list-style-type: none"> ■ 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*
	<p>Quick change threaded chuck M8 - M12</p> <ul style="list-style-type: none"> ■ 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*
	<p>Quick-change bit holder »Quick«</p> <ul style="list-style-type: none"> ■ 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*
	<p>Quick-change angle adapter »Quick«</p> <ul style="list-style-type: none"> ■ 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*


Accessories for Cordless Combination Hammer KHA 18 LTX BL 24 Quick

		Order no.
	<p>ISA 18 LTX 24 Integrated Dust Extraction</p> <ul style="list-style-type: none"> 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 <p>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</p>	631341890
<p>ISA 18 LTX 24 integrated dust extraction in the Metaloc</p>		631341840
	<p>Extraction head set, 2 pieces for ISA 18 LTX</p> <ul style="list-style-type: none"> Original suction head for highest suction performance with the ISA 18 LTX 	623767000
	<p>HEPA filter for ISA 18 LTX</p> <ul style="list-style-type: none"> 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.
	<p>Cartridge tube</p> <ul style="list-style-type: none"> Cartridge tube 400 ml incl. rack and push plate for standard foil bags and cartridges 	630148000*

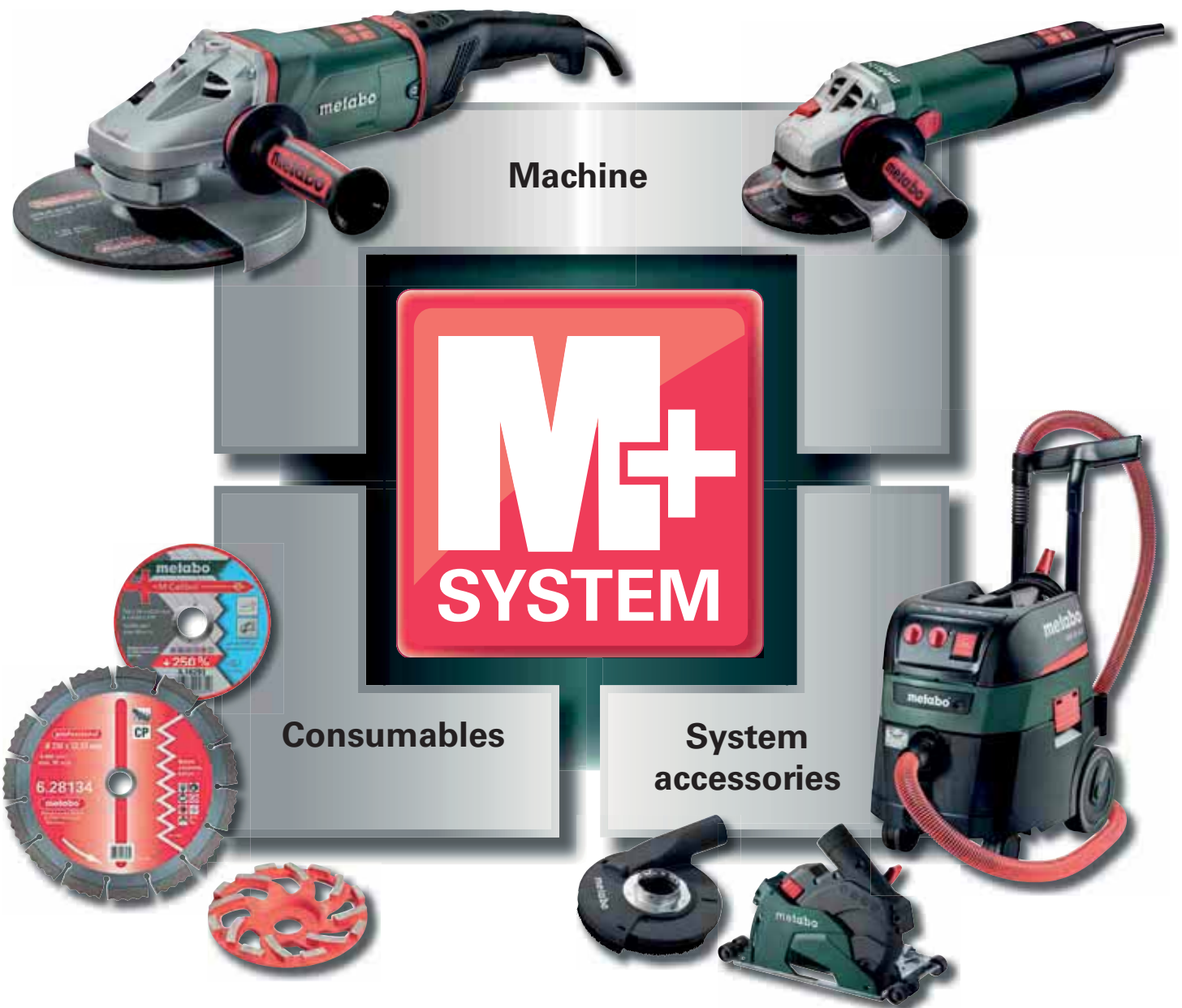
Accessory for Cordless Blind Rivet Gun

Chuck jaws		Order no.
	<p>Chuck jaws</p> <ul style="list-style-type: none"> Especially hardened chuck jaws, therefore low-wear and long service life 	627355000*
<p>NEW</p>		

* Self-service packaging

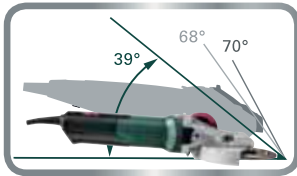
M+ System: Machine and accessories perfectly synchronised for maximum performance.

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.



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.



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



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



WEPPBF 15-150 Quick




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




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




Flexiamant Super Convex CER



Flexiamant Super FKS Inox



Steel-wire wheel brush



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



Ø 125 mm



Technical data

	Flat-head Angle Grinder WEF 9-125 Quick	Flat-head Angle Grinder WEFP 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

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

- 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

System components

Accessories → 87

Ø 150 mm



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

- 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
- 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


System components

Accessories → 87


Flap wheels

Diameter mm	Thickness mm	Female thread	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.	
	Quality class ceramic »Flexiamant Super« <ul style="list-style-type: none"> ■ 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

	<ul style="list-style-type: none"> ■ 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

	<ul style="list-style-type: none"> ■ 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

	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						Order no.
							630355000

* Self-service packaging

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.

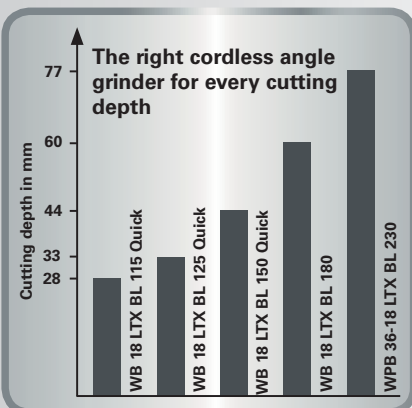
STOP FAST BRAKE

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



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.

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 125 mm



Inox



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
- 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
 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
- 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

Overview of product benefits

		Ø100 mm / 4"	Ø115 mm / 4,5"	Ø125 mm / 5,0"	Ø150 mm / 6,0"	Rated input power	
	Model						Particular product advantages
850 W series - the professional entry level							
	W 750-1....		■	■		750 W	
	W 850-1....		■	■		850 W	
	WP 850-1....		■	■		850 W	
900 W series - the most compact ones							
	W 9-1....	■	■	■		900 W	Particularly handy
	WP 9-1....	■				900 W	Particularly handy
	W 9-1.... Quick		■	■		900 W	Particularly handy
	WP 9-1.... Quick		■	■		900 W	Particularly handy
1,100 W series – the flexible ones also with adjustable speed							
	WEA 10-125 Quick			■		1,000 W	Lowest vibrations, particularly handy
	WEV 10-125 Quick			■		1,000 W	Adjustable speed, particularly handy
	W 1100-1....		■	■		1,100 W	
1,250 W series - the endurance pros							
	WP 1200-1.... RT		■	■		1,200 W	Ergonomic soft handle
	W 12-1.... Quick			■	■	1,250 W	
	W 12-125 HD			■		1,250 W	High torque and robust aluminium flange for processing stone
	WP 12-1.... Quick		■	■	■	1,250 W	
	WPB 12-1.... Quick			■	■	1,250 W	High user safety
	WA 12-125 Quick			■		1,250 W	Lowest vibrations
	WBA 12-125 Quick			■		1,250 W	High user protection, lowest vibrations
1,550 W series - the power packs							
	WE 1500-1.... RT			■	■	1,500 W	Ergonomic soft handle
	WE 15-1.... Quick			■	■	1,550 W	
	WE 15-125 HD			■		1,550 W	High torque and robust aluminium flange for processing stone
	WEP 15-1.... Quick			■	■	1,550 W	
	WEA 15-125 Quick			■		1,550 W	Lowest vibrations
1,550 W series - the specialists with adjustable speed							
	WEV 1500-125 RT			■		1,500 W	Ergonomic soft handle
	WEV 15-1.... Quick			■	■	1,550 W	
	WEVA 15-1.... Quick			■	■	1,550 W	Lowest vibrations
	WEV 15-125 Quick HT			■		1,550 W	High torque for processing stone
	WEV 15-125 Quick Inox			■		1,550 W	Very high torque for the perfect stainless steel finish
1,700 W series – the productivity geniuses							
	WE 17-1.... Quick RT			■	■	1,750 W	
	WE 17-125 Quick			■		1,700 W	
	WEV 17-125 Quick RT			■		1,750 W	Adjustable speed
	WEV 17-125 Quick Inox RT			■		1,750 W	High torque and adjustable speed for working with stainless steel
	WEV 17-125 Quick			■		1,700 W	Adjustable speed

Overview of product benefits

		Ø125 mm / 5,0"	Ø150 mm / 6,0"	Ø180 mm / 7,0"	Rated input power	
	Model					Particular product advantages
1,700 W series – the productivity geniuses						
	WEP 17-150 Quick		■		1.700 W	
	WEA 17-1.... Quick	■	■		1.700 W	Lowest vibrations
	WEBA 17-125 Quick	■			1.700 W	High user protection, lowest vibrations
	WEPBA 17-1.... Quick RT	■	■		1.750 W	High user protection, lowest vibrations
	WEPBA 17-1.... Quick	■	■		1.700 W	High user protection, lowest vibrations
1,900 W series – the most productive lightweights						
	WE 19-180 Quick RT			■	1.900 W	
	WEA 19-180 Quick RT			■	1.900 W	High user protection, lowest vibrations
	WEPBA 19-180 Quick RT			■	1.900 W	High user protection, lowest vibrations

		Ø 180 mm / 7,0"	Ø 230 mm / 9,0"	Rated input power		
	Model				Particular product advantages	
2,200 W series – the powerful entry level						
	W 22-..... MVT	■	■	2.200 W		
	WE 22-..... MVT	■	■	2.200 W		
	WE 22-230 MVT Quick			■	2.200 W	
2,400 W series – the reliable work horses						
	W 24-..... MVT	■	■	2.400 W		
	WE 24-..... MVT	■	■	2.400 W		
	WE 24-..... MVT Quick			■	2.400 W	
	WEA 24-..... MVT Quick	■	■	2.400 W	Lowest vibrations	
2,600 W series – the most powerful long-runners						
	W 26-..... MVT	■	■	2.600 W		
	WE 26-..... MVT Quick			■	2.600 W	
	WEA 26-..... MVT Quick			■	2.600 W	Lowest vibrations

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.



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



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



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



Safe working at heights
thanks to anti-fall guard



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



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

Ø 100 mm



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



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



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



Technical data

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



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



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



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



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 150 mm



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



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



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

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



Low-fatigue roughing

- Switch with dead man function
- Switches off the machine immediately if control is lost



Fast, easy disc change
with quick-locking nut

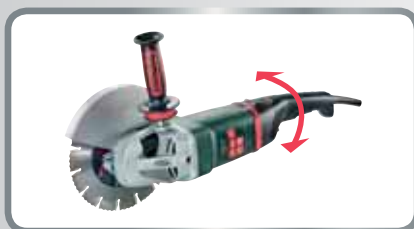


Low-fatigue roughing

- 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 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

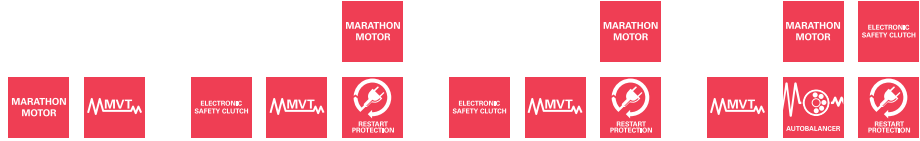
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
 - Starting current limitation prevents the actuation of the lock on start-up
 - Electronic safety shutdown: reduces 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



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	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			
	<ul style="list-style-type: none"> Dead man switch for high user protection (optional) 		<ul style="list-style-type: none"> 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
			<ul style="list-style-type: none"> Metabo Quick for tool-free disc change by means of a quick-locking nut
		<ul style="list-style-type: none"> 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 	
	<ul style="list-style-type: none"> 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

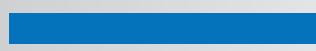
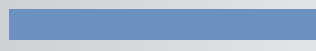



Cutting and roughing discs: The Metabo quality classes at a glance.

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

			
<p>»Novoflex« »Novorapid« Inox</p> <p>Basic quality</p> <p>Impress with good cutting output and material removal with good tool life.</p>	<p>»Flexiamant« »Flexiarapid« Inox</p> <p>Standard quality</p> <p>Particularly uniform in cutting output and extraordinary tool life.</p>	<p>»Flexiamant Super« »Flexiarapid Super« Inox HydroResist</p> <p>Premium quality</p> <p>Extremely high cutting output with very long tool life</p>	<p>CER</p> <p>»M-Calibur«</p> <p>Premium CER quality</p> <p>Special ceramic abrasive grain technology and bonding for highest productivity and work progress</p>

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


Which disc is suitable for which application?

Legend	Cutting discs for												Grinding discs for															
	Hand-held angle grinders												Hand-held angle grinders															
													Hand operated cutting machines (petrol)			Table mounted chop saws			Stationary cutting machines									
	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
Material/application	M-Calibur Steel/Inox	Novoflex steel	Flexiamant steel	Flexiamant super steel	Flexiamant super steel	Novorapid Inox	Flexiamant Inox	Flexiarapid Inox	Flexiarapid super Inox	Combinator	Flexiarapid Alu	Novoflex stone	Flexiamant super stone	Flexiamant super stone	Flexiamant super steel	Flexiamant super stone	Flexiamant super steel	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 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.	
 <p>Quality class A 60-R / A 46 R »Novorapid« Steel</p> <ul style="list-style-type: none"> ■ 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	
	 <p>Quality class A 30 »Novoflex« steel</p> <ul style="list-style-type: none"> ■ 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	
 <p>Quality class A 30-R »Flexiamant« Steel</p> <ul style="list-style-type: none"> ■ 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	

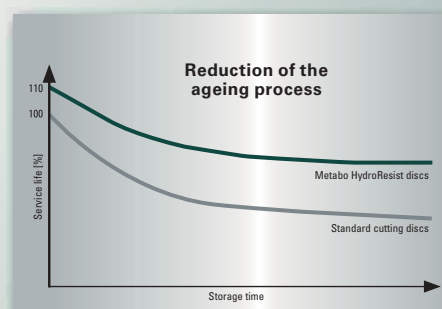
	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
 <p>Quality class A 60-R / A 46-R / A 30-R »Flexiarapid« Inox</p> <ul style="list-style-type: none"> ■ Thin high-output cutting disc especially for stainless, thin-walled materials such as pipes, 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.





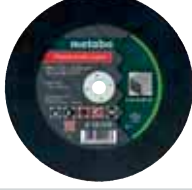


- **More endurance:** increases the service life of the disc - even with high atmospheric humidity
- **Less replacement costs:** 10% more cuts (per disc) by virtue of newly developed formula for optimised connection of grain and bonding agent



































 <p>Quality class A 36-U / A 46-U / A 60-U »Flexiarapid Super« Inox HydroResist</p> <ul style="list-style-type: none"> ■ 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.
 <p>Quality class C 30 »Novoflex« stone</p> <ul style="list-style-type: none"> ■ 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
	 <p>Quality class C 30-S »Flexiamant Super« stone</p> <ul style="list-style-type: none"> ■ 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
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
 <p>Quality class C 60-T »Flexiamant Super« stone</p> <ul style="list-style-type: none"> ■ 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
	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.
 <p>Quality class A 24 N »Flexiamant Super« steel</p> <ul style="list-style-type: none"> ■ 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
	 <p>Quality class C 24-N »Flexiamant Super« stone</p> <ul style="list-style-type: none"> ■ 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
C 24-N		300 x 3.5 x 22.23		5,090	1/10	616155000

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.	
 <p>Quality class A 24 »Novoflex« steel</p> <ul style="list-style-type: none"> ■ 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	
	 <p>Quality class A 24-N »Flexiamant« Steel</p> <ul style="list-style-type: none"> ■ 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	
 <p>Quality class A 24-T »Flexiamant Super« Steel</p> <ul style="list-style-type: none"> ■ 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	
	 <p>Quality class A 46 P »Flexiamant Super FKS« Inox</p> <ul style="list-style-type: none"> ■ 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, Nitrosta, 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 ZA 24-T »Flexiamant Super« cast <ul style="list-style-type: none"> 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 					
	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

	Diameter x thickness x bore mm	Maximum speed /min	Sales unit / packing unit	Order no.
	Quality class A 16-Q <ul style="list-style-type: none"> 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 			
	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 <ul style="list-style-type: none"> 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 			
	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 <ul style="list-style-type: none"> 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 			
	110 x 55 x 22.23	8,600	1/6	616177000

* Self-service packaging

Flap discs and fibre discs with ceramic grain

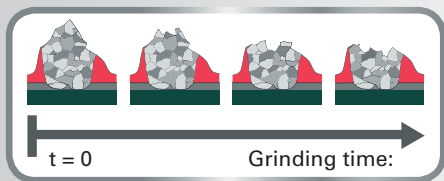


The Metabo Convex flap discs.



- **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

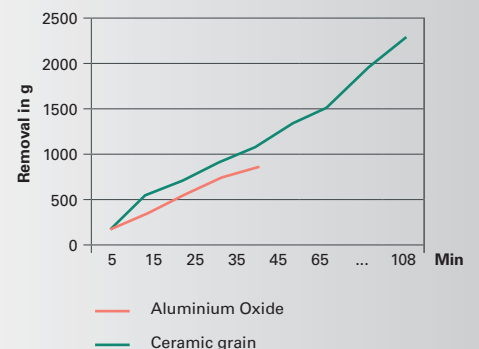
- **The ideal shape for fillet welds**
Achieve the optimum finish faster
- **Extremely long tool life**
thanks to high-quality ceramic grit and/or zirconia alumina
- **Extremely high and fast material removal**
thanks to high-quality ceramic grit and/or zirconia alumina
- **Faster and more efficient 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



	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
	<p>Quality class ceramic »Flexiamant Super«</p> <ul style="list-style-type: none"> 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
	<p>Quality class zirconia alumina »Flexiamant Convex«</p> <ul style="list-style-type: none"> 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
	<p>Quality class ceramic »Flexiamant Super Convex«</p> <ul style="list-style-type: none"> 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.
 <p>Quality class ceramic »Flexiamant Super«</p> <ul style="list-style-type: none"> ■ 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

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*

	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

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

Which diamond cutting disc is suitable for which application?



	Quality class »Professional«					Quality class »Classic«				
	UP	UP-T	CP	AP	TP	UC	UC-T	CC	AC	TC
	Universal	...Turbo	Concrete	Abrasive	Tiles	Universal	...Turbo	Concrete	Abrasive	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

	Diameter x bore mm	Segment dimensions mm	Maximum speed /min	Sales unit	Order no.
 <p>Quality class »professional« / UPT</p> <ul style="list-style-type: none"> ■ 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.
 <p>Quality class »classic« / CC</p> <ul style="list-style-type: none"> ■ 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*
	 <p>Quality class »professional« / CP</p> <ul style="list-style-type: none"> ■ 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
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

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

Which system accessories are suitable for which angle grinder?

		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. 630820000	Quick-locking nut M 14 Order no. 630832000	Flange nut M 14 Order no. 630706000
Model	Order no.													
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	■		■

* 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	■	■	■	■

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

Cup wheel guards with accessories

	Order no.
 <p>Grinding extraction hood GED 125</p> <ul style="list-style-type: none"> ■ 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
 <p>Replacement brush rim GED 125</p> <ul style="list-style-type: none"> ■ Replacement brush rim for replacement on the extraction hood GED 125 	626733000
 <p>Cup wheel guard Ø 80 mm</p> <ul style="list-style-type: none"> ■ 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
 <p>Cup wheel guard Ø 110 mm</p> <ul style="list-style-type: none"> ■ 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.
 <p>Metabo VibraTech (MVT) side handle, M 14</p> <ul style="list-style-type: none"> ■ Suitable for all angle grinders with M 14 thread 	627360000*
 <p>Metabo VibraTech (MVT) side handle, M 8</p> <ul style="list-style-type: none"> ■ Suitable for Metabo angle grinders with M 8 thread 	627361000*
 <p>Multi-positioning for side handle</p> <ul style="list-style-type: none"> ■ 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..; WEV 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
 <p>Front handle WS</p> <ul style="list-style-type: none"> ■ 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

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.
 <p>Dust protection filter for all angle grinders W...12..., WE...15..., WE...17... standard (not paddle, not RT)</p>	630709000*
 <p>Dust protection filter for all angle grinders WE...17...RT, WE...19...RT</p>	630719000*
 <p>Dust protection filter for all angle grinders WP...12..., WEP...15..., WEP...17... with paddle switch</p>	630792000*

Flat-pin spanners

	Order no.
 <p>Flat-pin spanner For angle grinders with disc diameter 100 mm - 150 mm Model: straight Grinding disc-Ø: 100/150 mm</p>	623934000*
 <p>Flat-pin spanner For angle grinders with disc diameter 180 mm - 230 mm Model: straight Grinding disc-Ø: 180/230 mm</p>	623935000*
 <p>Flat-pin spanner For angle grinders with disc Ø 115-230 mm Model: offset Grinding disc-Ø: 115/230 mm</p>	623910000*

* Self-service packaging



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 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



If you want a perfect finish,
you need perfect machines.

MITRED WELDED PIPES

1. SATIN-FINISH






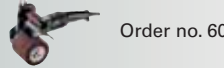

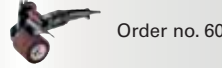

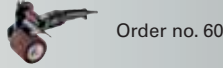

			
WEV 15-125 Quick Inox	WEV 15-125 Quick Inox	KNSE 9-150	RBE 15-180
	 Order no. 600572 Accessories Combination flap disc medium 626370000 	 Order no. 602265 Accessories Unitized fleece compact disc medium 626402000 	 Order no. 602243 Accessories Fleece band medium 626320000 

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 90x100/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 



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



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 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

»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



18 V



Technical data

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

System components

Accessories → 181

Battery packs → 72

Technical data




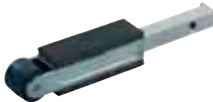




Technical data	Cordless Band File BF 18 LTX 90
Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Belt speed in idle	8 m/s
Grinding belt width	6 - 19 mm
Grinding belt length	457 mm
Useful length of sanding belt arm	90 mm
Weight (including battery pack)	2.6 kg

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

Sanding belt arms		Order no.
	<p>Sanding belt arm 1</p> <ul style="list-style-type: none"> ■ 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*
	<p>Sanding belt arm 2</p> <ul style="list-style-type: none"> ■ Suitable for sanding belts 6 x 457 mm. ■ For sanding narrow areas, edges, deburring pipes, sanding grooved sections on tongued and groove boards. 	626380000*
	<p>Sanding belt arm 3</p> <ul style="list-style-type: none"> ■ Suitable for sanding belts 13 x 457 mm ■ For sanding edges, deburring pipes, sanding blunt welds. 	626381000*
	<p>Sanding belt arm 4</p> <ul style="list-style-type: none"> ■ 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		
	<p>Adapter band file</p> <ul style="list-style-type: none"> ■ For extension of the sanding belt arms. For the use of sanding belts with a belt length of 520 mm and 533 mm. 	626378000
	<p>Vienna lime chalk</p> <ul style="list-style-type: none"> ■ For cleaning, caring and polishing of smooth surfaces, especially stainless steel, silver, brass, glass, ceramic etc. ■ Contents: 300 g, shaker 	626399000
	<p>3 Micro-fibre cloths 380 x 380 mm</p> <ul style="list-style-type: none"> ■ For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue ■ Suitable for all metals and hard plastics 	626398000*
	<p>Stainless steel cleaning spray 400 ml</p> <ul style="list-style-type: none"> ■ For cleaning, conserving and sealing of surfaces, especially of stainless steels. 	626377000

* Self-service packaging

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


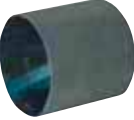
	Order no.
 <p>Vienna lime chalk</p> <ul style="list-style-type: none"> ■ For cleaning, caring and polishing of smooth surfaces, especially stainless steel, silver, brass, glass, ceramic etc. ■ Contents: 300 g, shaker 	626399000
 <p>3 Micro-fibre cloths 380 x 380 mm</p> <ul style="list-style-type: none"> ■ For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue ■ Suitable for all metals and hard plastics 	626398000*
 <p>Stainless steel cleaning spray 400 ml</p> <ul style="list-style-type: none"> ■ For cleaning, conserving and sealing of surfaces, especially of stainless steels. 	626377000

* Self-service packaging


Expansion rollers

		Order no.
	<p>Expansion Roller</p> <ul style="list-style-type: none"> For using sanding belts and abrasive sleeves. The sanding belts/ abrasive sleeves are pushed over the roller and clamped securely by centrifugal force <p>Diameter: 90 mm Width: 100 mm</p>	623470000
	<p>Inflatable expansion roller</p> <ul style="list-style-type: none"> 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 <p>Diameter: 90 mm Width: 100 mm</p>	623542000

Sanding belts 90 x 100 mm

Diameter mm	Width mm	Grit	Sales unit	Order no.
	<p>Sanding belts with zirconia alumina 90x100 mm</p> <ul style="list-style-type: none"> 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
	<p>Sanding belts »Metabo Pyramid«, 90 x 100 mm</p> <ul style="list-style-type: none"> 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

	<ul style="list-style-type: none"> 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

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.
 <p>Sisal polishing rings</p> <ul style="list-style-type: none"> ■ 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 <p>Diameter: 100 mm Width: 15 mm Version: impregnated Sales unit: 5</p>	623507000
 <p>Nylon web polishing rings</p> <ul style="list-style-type: none"> ■ For pre-polishing non-ferrous steel in conjunction with the brown polishing paste 623522000 ■ Maximum speed: 6,100 /min; recommended speed: 1,900 /min <p>Diameter: 100 mm Width: 10 mm Version: hard Sales unit: 8</p>	623508000
 <p>Nylon web polishing rings</p> <ul style="list-style-type: none"> ■ 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 <p>Diameter: 100 mm Width: 10 mm Version: soft Sales unit: 8</p>	623509000

Polishing pastes

	Order no.
 <p>Polishing paste, white</p> <ul style="list-style-type: none"> ■ For pre-polishing and polishing stainless steel <p>Weight: 250 g</p>	623520000
 <p>Polishing paste, brown</p> <ul style="list-style-type: none"> ■ For pre-polishing and polishing non-ferrous metals <p>Weight: 250 g</p>	623522000
 <p>Polishing paste, blue</p> <ul style="list-style-type: none"> ■ For high-gloss polishing of all metals <p>Weight: 250 g</p>	623524000

Sanding belt



Sanding belt

- With corrugated surface for non-slip work with sanding belts, nylon web and felt band
- Diameter: 85 mm
- Width: 70 mm

Order no.

623529000

Adhesive tape



Adhesive tape

- For re-closing the sanding belts

Order no.

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



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

Order no.

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



18 V



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

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

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




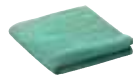

- For all metal uses, particularly suited for processing stainless steels/Inox. Flexible high performance sanding belt, semi-open coarseness with cotton base
- Extremely high material removal with extremely high service life thanks to self-sharpening ceramic grain. Uniform grinding result and best sanding 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*

Polishing pastes

		Order no.
	<p>Polishing paste, white</p> <ul style="list-style-type: none"> ■ For pre-polishing and polishing stainless steel <p>Weight: 250 g</p>	623520000
	<p>Polishing paste, brown</p> <ul style="list-style-type: none"> ■ For pre-polishing and polishing non-ferrous metals <p>Weight: 250 g</p>	623522000
	<p>Polishing paste, blue</p> <ul style="list-style-type: none"> ■ For high-gloss polishing of all metals <p>Weight: 250 g</p>	623524000

Additional accessories for tube belt sanders

		Order no.
	<p>Vienna lime chalk</p> <ul style="list-style-type: none"> ■ For cleaning, caring and polishing of smooth surfaces, especially stainless steel, silver, brass, glass, ceramic etc. ■ Contents: 300 g, shaker 	626399000
	<p>3 Micro-fibre cloths 380 x 380 mm</p> <ul style="list-style-type: none"> ■ For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue ■ Suitable for all metals and hard plastics 	626398000*
	<p>Stainless steel cleaning spray 400 ml</p> <ul style="list-style-type: none"> ■ For cleaning, conserving and sealing of surfaces, especially of stainless steels. 	626377000

* Self-service packaging

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.

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.

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 Tacho Constamatic (VTC) Electronics for working at the optimum setting for the material being processed with speed remaining almost constant under load



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.



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


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




Tensioning frame




Order no.
628329000

High torque




GE 950 G Plus
Order no. 600618




GA 18 LTX G
Order no. 600639


Corundum Mounted Points



See page 207






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				

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.
 Cylindrical rotary burrs, ZYAS shape (with spur gearing) For general applications. Ideally suited for inner contours.						
ZYAS 	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*
 Radius end rotary burrs, WRC shape For processing surfaces, contours and radii.						
WRC 	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*
 Rotary burrs, ball shape, KUD shape To process contours and deburring of internal bores. Particularly for milling in hard to reach areas.						
KUD 	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*
 Rotary burrs, drop shape, TRE shape For general applications.						
TRE 	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*
 Rotary burrs, semi-circular shape, RBF shape For processing narrow workpieces.						
RBF 	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*
 Rotary burrs, pointed arch shape, SPG shape For the processing of acute angles.						
SPG 	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*
 Rotary burrs flame shape, B shape For general applications.						
B 	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

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.
 <p>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</p>	628403000*
 <p>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</p>	628404000*
 <p>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</p>	628405000

* Self-service packaging

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

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.
 <p>Tensioning frame</p> <ul style="list-style-type: none"> ■ 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
 <p>Clamping stand</p> <ul style="list-style-type: none"> ■ 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*
 <p>Clamp</p> <ul style="list-style-type: none"> ■ For the secure fixing on a work table 	627107000*

* Self-service packaging

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 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

System components

Accessories → 214

Battery packs → 72



Technical data	Bevelling Tool KFM 9-3 RF
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




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	623559000
NEW		

Fixing screws for indexable inserts

		Order no.
	<ul style="list-style-type: none"> ■ 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 <ul style="list-style-type: none"> ■ Same blade for tappet and cutting bench For the curve shears Ku 6870	630201000
	Reversible blade <ul style="list-style-type: none"> ■ 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

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 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

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

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.



Which drill for which application?

Comparative technical values						
	BE 6	BE 10	BE 500/6	BE 500/10	BE 600/13-2	BE 650
Rated input power	450 Watt	450 Watt	500 Watt	500 Watt	600 Watt	650 Watt
Drill Ø in steel	6 mm	10 mm	6 mm	10 mm	13 / 8 mm	13 mm
Drill Ø in soft wood	12 mm	20 mm	20 mm	30 mm	37 / 27 mm	30 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
Chuck capacity	0-10 mm	0-10 mm	0-10 mm	1-13 mm	1-13 mm	1.5-13 mm
Weight (without mains cable)	1.3 kg	1.3 kg	1.5 kg	1.8 kg	1.9 kg	1.8 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
Maximum torque soft	7 Nm	10 Nm	8 Nm	16 Nm	31 / 9 Nm	9 Nm

Application	BE 6	BE 10	BE 500/6	BE 500/10	BE 600/13-2	BE 650
Small drill Ø wood	■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
Large drill Ø wood				■	■ ■	
Small drill Ø metal	■ ■ ■	■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
Large drill Ø metal					■ ■	
Light screwing applications		■		■ ■	■ ■ ■	■
Heavy screwing applications						

Equipment	BE 6	BE 10	BE 500/6	BE 500/10	BE 600/13-2	BE 650
 Metabo S-automatic safety clutch						
 Vario-Tacho-Constamatic (VTC)						
 Vario-Constamatic (VC)						
 Overload protection						
 Restart protection						
 Metabo Marathon-motor						
 Metabo »Quick« tool quick change						



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 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 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

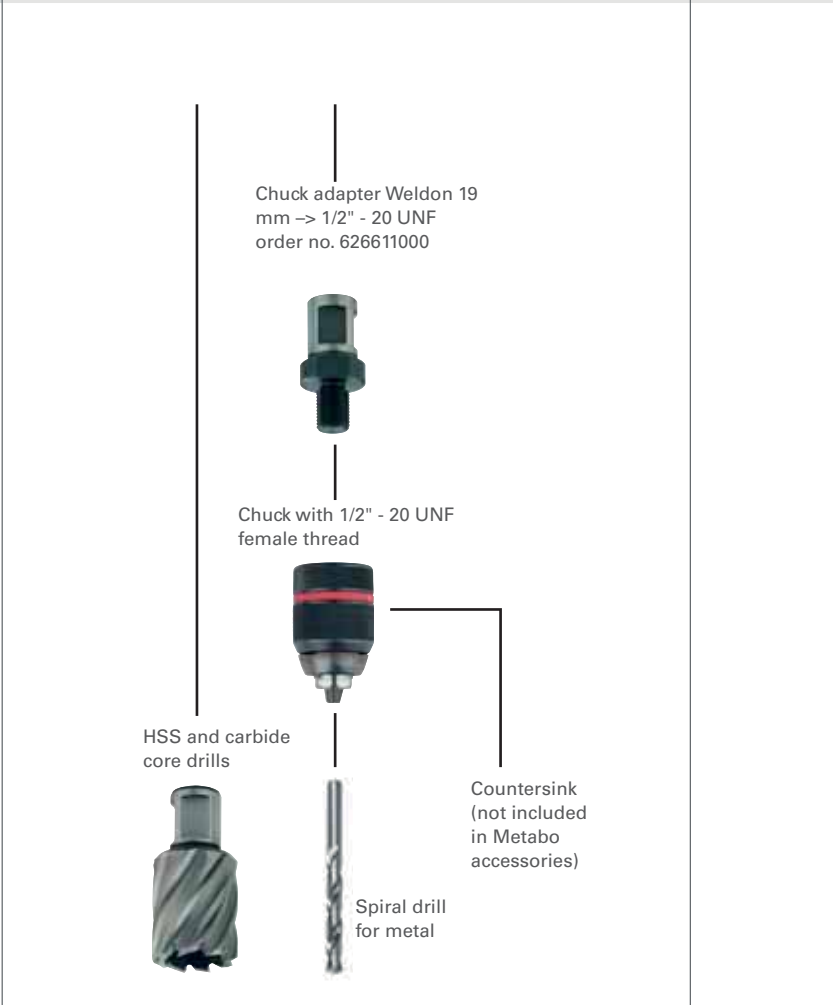
System components

Accessories → 245

Which magnetic core drill for which application?

	 <p>MAG 32</p>	
<p>Bit retainer</p> <p>Weldon direct chuck 19 mm (3/4") with automatic internal cooling</p>	<p>•</p>	
<p>MK 2 chuck</p>		
<p>MK 3 chuck</p>		

<p>Application</p>		
<p>Drilling with core drills</p>	<p>■ ■ ■</p>	
<p>Drilling with spiral drills</p>	<p>■ ■ ■</p>	
<p>Working with countersinks</p>	<p>■</p>	
<p>Threaded drill</p>	<p>-</p>	





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

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



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

Order no.

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

Order no.

626624000

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



Metabo S-automatic safety clutch
mechanical decoupling of the drive
when the tool stops unexpectedly
for safe working

Vario Tacho Constamatic (VTC) Full-wave Electronics
for working at customised speeds, which remain
constant under load, to suit various application materials



Selectable »Impuls« mode
for the removal of tight-fitting
screws and spot-drilling on
smooth surfaces



**Overload protection and
restart protection**
to protect the user and
machine

**Keyless chuck and
spindle-stop gear**
for comfortable, single-handed
tool change

**MARATHON
MOTOR**

**Metabo
Marathon-motor**
with dust protection for
long service life



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.



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 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



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

Keyless chucks, impact-proof


	Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Order no.
 <p>Futuro Top keyless chucks, R</p> <ul style="list-style-type: none"> ■ 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 	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*

  <p>Futuro Plus keyless chucks S1 M, R+L</p> <ul style="list-style-type: none"> ■ 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					636625000*
<ul style="list-style-type: none"> ■ Contents: 6 pieces Futuro Plus S1M (636621000) 13 mm, 1/2" in counter display 						

 <p>Futuro Plus keyless chucks S1, R + L</p> <ul style="list-style-type: none"> ■ 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*


  <p>Futuro Plus keyless chucks S2 M, R + L</p> <ul style="list-style-type: none"> ■ 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					636624000*
	<ul style="list-style-type: none"> ■ Contents: 6 pieces Futuro Plus S2M (636620000) 13 mm, 1/2" in counter display 					


*Self-service packaging

	Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Order no.
 <p>Futuro Plus keyless chucks H1, R + L</p> <ul style="list-style-type: none"> ■ 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*

 <p>Futuro Plus keyless chucks H1 M, R+L</p> <ul style="list-style-type: none"> ■ 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*
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Geared chucks, impact-proof

	Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Key size	Order no.
 <p>Geared chucks with key, clockwise rotation</p> <ul style="list-style-type: none"> ■ 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

 <p>Geared chucks with key, R + L</p> <ul style="list-style-type: none"> ■ 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*

Accessories for »Quick« drills and drills/screwdrivers

	Order no.
 <p>PowerX3 torque setting adapter</p> <ul style="list-style-type: none"> ■ 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 <p>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.</p>	627256000
 <p>Quick-change geared chuck »Quick«</p> <ul style="list-style-type: none"> ■ 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*
 <p>Quick-change chuck Futuro Plus S 1 M, »Quick«</p> <ul style="list-style-type: none"> ■ 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*
 <p>Quick-change chuck Futuro Plus H 1 R+L, »Quick«</p> <ul style="list-style-type: none"> ■ 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*
 <p>Quick-change chuck Futuro Plus H 1 R+L, »Quick«</p> <ul style="list-style-type: none"> ■ 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*
 <p>Quick change threaded chuck M4 - M6</p> <ul style="list-style-type: none"> ■ 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*
 <p>Quick change threaded chuck M8 - M12</p> <ul style="list-style-type: none"> ■ 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*
 <p>Quick-change bit holder »Quick«</p> <ul style="list-style-type: none"> ■ 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*

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 crosswise 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, corrosion and acid resistant steels, VA steel, special alloys, welded 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.

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*

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-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*

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.

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*

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 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

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.
 <p>Drill bit assortment Stone, wood and HSS-R drill bit, 9 pieces, in plastic storage case each 3 x Ø 5 / 6 / 8 mm</p>	627179000*
 <p>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</p>	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







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.
 <p>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</p>	625220000*



Pump attachments		Order no.
	<p>Pump attachment BPV 01</p> <ul style="list-style-type: none"> ■ 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 <p>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</p>	627621000*
	<p>Pump attachment BPV 03</p> <ul style="list-style-type: none"> ■ Self-priming ■ Suitable for driving units with speed up to 3,400 rpm ■ Metabo quick-action coupling <p>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</p>	627640000*
Hexagon nut		Order no.
	<p>Hexagon nut</p> <p>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.</p>	627601000*
Flexible shaft		Order no.
	<p>Flexible shaft</p> <ul style="list-style-type: none"> ■ Suitable for speeds of 2,000 to 5,000 rpm <p>Length: 1.2 m Driving shaft Ø: 6 mm Collet bore: 6 mm Weight: 0.8 kg</p>	627608000*
Clamping stand		Order no.
	<p>Clamping stand</p> <ul style="list-style-type: none"> ■ 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.
	<p>Clamp</p> <ul style="list-style-type: none"> ■ For the secure fixing on a work table 	627107000*

*Self-service packaging




Steel-wire Brushes

	Clamping shaft Ø mm	Outer Ø mm	Version	Order no.
 <p>Steel-wire wheel brush, stainless steel crimped</p> <ul style="list-style-type: none"> ■ 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*
	<p>Steel-wire cup brushes, crimped steel</p> <ul style="list-style-type: none"> ■ 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*
 <p>Steel-wire busby-end brush, crimped steel</p> <ul style="list-style-type: none"> ■ 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.
 <p>Vacuum cleaner adapter DDE 14</p> <ul style="list-style-type: none"> ■ 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. <p>Drill Ø: 4 - 14 mm</p>	630829000*
 <p>Vacuum cleaner adapter DDE 72</p> <ul style="list-style-type: none"> ■ 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. <p>Drill Ø: 72 mm</p>	631343000*

Other Accessories for Drills and Impact Drills

	Order no.
 <p>Side handle Standard version Aperture Ø: 43 mm</p>	631052000*
 <p>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</p>	631074000*
 <p>Reducing bush 1/2"-3/8" ■ for drills and impact drills</p>	630704000

*Self-service packaging

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

18 V



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

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	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 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 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



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-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.



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*

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*

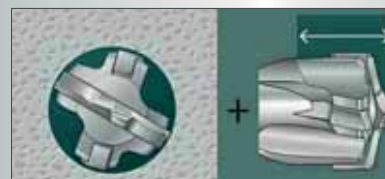
SDS-max »Pro 4«: Extremely fast in concrete and armoured concrete



- **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

SDS-plus / SDS-max Dust Extraction Drill Bits

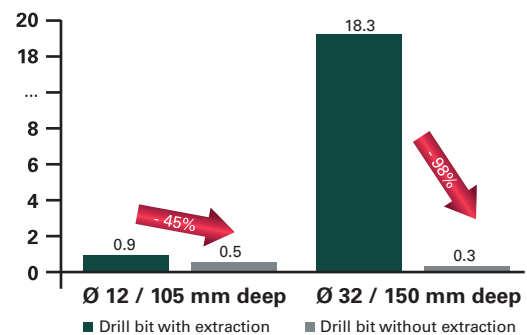


- **Drilling and cleaning in one work step** reduces the dust exposure and reworking
- **Greatest reinforcement compatibility**, no sagging or clogging thanks to 4-blade-geometry with extra large dust outlets
- **Noticeably fast drilling progress** thanks to optimal drill dust removal
- **Innovative 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

Drill dust in the bore
(in grams)



Kindly observe the installation instructions of the manufacturer when using the chemical installations

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-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*

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.
 <p>Arbor Shaft type: SDS plus Overall length: 105 mm</p>	627043000*
 <p>Arbor Shaft type: SDS plus Overall length: 220 mm</p>	627042000*
 <p>Arbor Shaft type: SW11 Overall length: 90 mm</p>	627041000*

Pilot drill, carbide-tipped

	Order no.
 <p>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</p>	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

		Order no.
	Keyless chuck with adapter <ul style="list-style-type: none"> ■ 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 <ul style="list-style-type: none"> ■ 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		
	Connector <ul style="list-style-type: none"> ■ With thread 1/2"-20 UNF. Holder: SDS-plus, 1/2"- 20 UNF	630928000*
	Connector <ul style="list-style-type: none"> ■ 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 <ul style="list-style-type: none"> ■ Connector from SDS-max to SDS-plus to enable use of SDS-plus drill bits/chisels Holder: SDS-max, SDS-plus	623371000*
	Connector <ul style="list-style-type: none"> ■ 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 <ul style="list-style-type: none"> ■ 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 <ul style="list-style-type: none"> ■ 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 <ul style="list-style-type: none"> ■ Original suction head for highest suction performance with the ISA 18 LTX 	623767000
	HEPA filter for ISA 18 LTX <ul style="list-style-type: none"> ■ HEPA filter for highest health protection ■ Keeps back 99.995% of fine dusts larger than 0.3 µm 	623768000
	Special grease <ul style="list-style-type: none"> ■ 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



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


Screwdriver bit assortments

			Order no.
	<p>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</p>		625390000*
	<p>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</p>		625391000*
	<p>Bit Pack, 3 pieces Consisting of: Diamond torsion bits, L = 25 mm ØPZ 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</p>		626699000




Screwdriver bit assortments, impact-proof

			Order no.
	<p>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</p>		628849000*
	<p>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</p>		628850000*

Depth stops

	Length mm	Internal Ø mm	Suitable for machine	Order no.
	77	34	USE 8, DWSE 6.3	625354000

Connectors

			Order no.
	<p>Connector Connector, 1/4" hexagon shank / 1/4" male square Overall length: 50 mm</p>		630142000
	<p>Connector Connector, 1/4" external hexagon E6.3 / 1/2" male square Overall length: 72 mm</p>		628838000*
	<p>Adapter Adapter with 1/2" internal square on the machine side and 1/4" internal hexagon for impact-proof tools with 1/4" shank</p>		628836000*

*Self-service packaging

10.8 V 18 V



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
- Cordless impact driver with 1/4" hexagonal recess and 200 Nm
- Cordless impact driver with 1/2" male square and 300 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
- Integrated work light to illuminate the workplace

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)}
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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

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

System components

Accessories → 318

Battery packs → 72

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	62673400*
140	590	25 - 40	M 14	62673500*
160	590	30 - 60	M 14	62673600*



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	62673700*
120	590	10 - 15	M 14	62673800*
140	590	15 - 30	M 14	62673900*



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	62674400*
120	590	20 - 30	M 14	62674500*



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	62674100*



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	62674200*
150	590	40 - 65	M 14	62674300*

*Self-service packaging

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	62673400*
140	590	25 - 40	M 14	62673500*
160	590	30 - 60	M 14	62673600*



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	62673700*
120	590	10 - 15	M 14	62673800*
140	590	15 - 30	M 14	62673900*



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	62674400*
120	590	20 - 30	M 14	62674500*



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

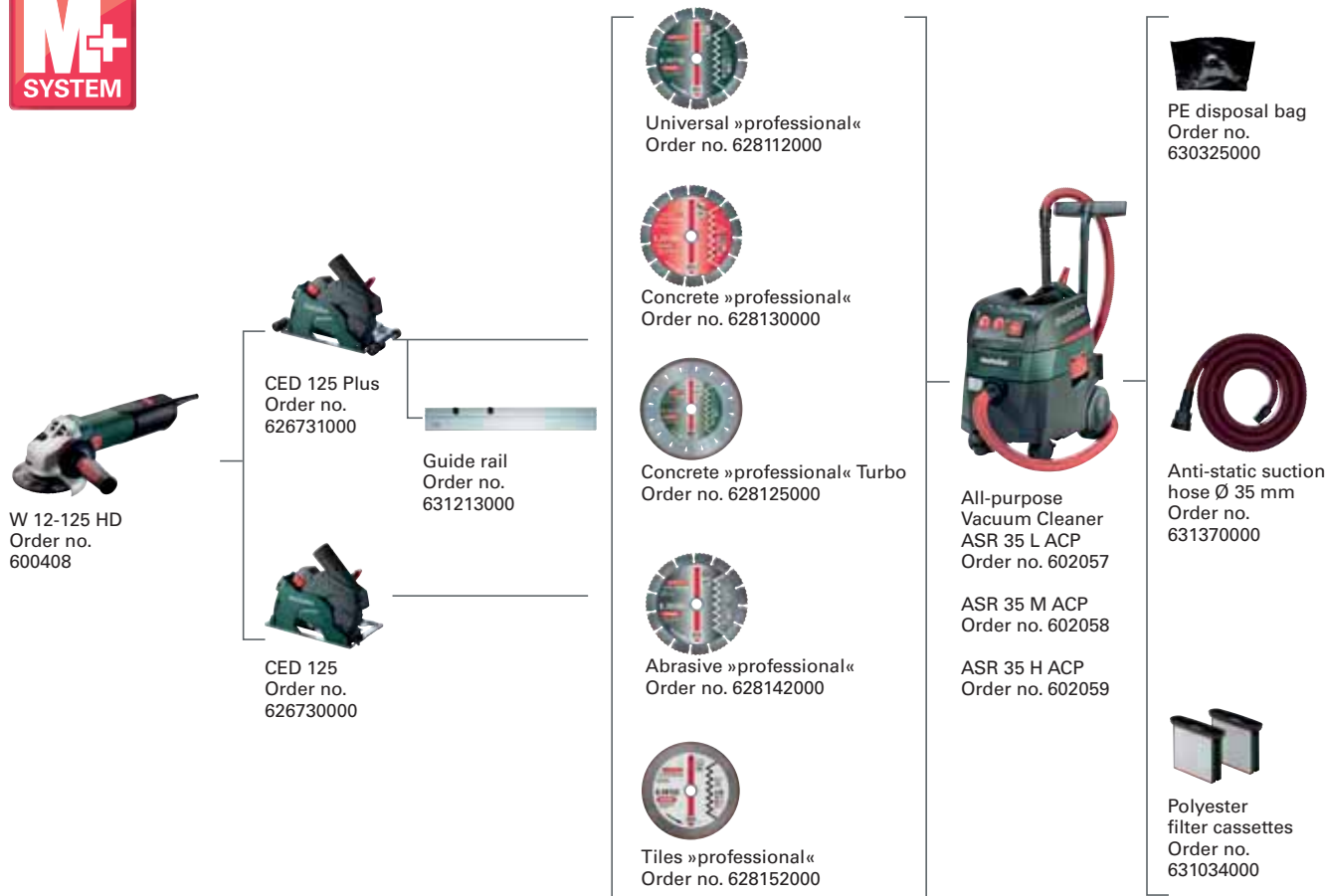
- Ideal for all liquid and self-levelling materials
- Mixing action from top to bottom, the spirals push the material from top to bottom, bottom ring protects the container
- Quick and homogenous mixing of runny materials
- Particularly suited for the preparation of thin bed mortar for bonding blocks

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

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

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.



Maximum work progress
thanks to powerful 1900 W motor, constant speed maintenance and new diamond discs



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



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 cleaners, the efficiency for **low-dust working** of which was certified by the BG BAU.

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

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.



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



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

Milling heads

		Order no.
	<p>Milling head pointed complete</p> <ul style="list-style-type: none"> ■ 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*
	<p>Milling head flat complete</p> <ul style="list-style-type: none"> ■ 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.
	<p>10 Milling stars, pointed head</p> <ul style="list-style-type: none"> ■ For retrofitting the milling head of the RF 14-115 RFEV 19-125 RT ■ With 5 micro-encapsulated screws for safe fixing 	628270000*
	<p>10 Milling stars flat head</p> <ul style="list-style-type: none"> ■ 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.
	<p>Replacement brush rim RF</p> <ul style="list-style-type: none"> ■ Suitable for RFEV 19-125 RT 	628215000*

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.

Low vibrations
for comfortable working
in continuous mode



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)



BRUSHLESS MOTOR

Effective Brushless motor with selectable speed



Soft start minimises surface marks when putting the machine on the surface



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	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

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.

Variospeed (V) Electronics

Thumbwheel for working with customised orbital frequencies for the materials used

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.

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	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

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

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

Hook and Loop Sanding Sheets for Random Orbital Sanders

Hook and loop sanding sheets for wood and metal, »professional« series



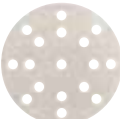

- High-quality sanding paper with semi-open coarseness and high removal of material for a homogenous finish
- For veneers, solid wood, polyester, steel and stainless steel sheets, non-ferrous metals, light alloys
- e.g. for sanding veneered cabinet fronts and sides, sanding furniture covered with liners 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

*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.
 <p>Hook and loop sanding sheets Ø 80 mm, 6 holes</p>	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
	 <p>Hook and loop sanding sheets Ø 125 mm, 8 holes</p>	125	P 40	25
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
 <p>Hook and loop sanding sheets Ø 125 mm, »multi-hole«</p>		125	P 40	50
	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
	 <p>Hook and loop sanding sheets Ø 150 mm, 6 holes</p>	150	P 40	25
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

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*




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 Pads with Hook and Loop

		Order no.
	Sanding pad, perforated Sanding pad for FMS 200 Intec (as spare) Dimensions: 147 x 100 mm	62560000*

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

	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)

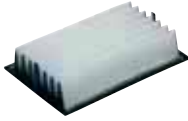

Grit	Order no.
P 100	624958000*
P 280	624959000*


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
	Extraction nozzles ■ For external dust extraction for the DSE 300/ DSE 300 Intec and the DSE 280 Intec
	Adapter 30/35 mm ■ For connecting the suction hose with connector Ø 35 mm to an extraction nozzle Ø 30 mm

*Self-service packaging

Dust collector cartridges		Order no.
	<p>Dust collection cartridge With pleated filter 631980000, can be cleaned several times Suitable for orbital sanders/multi sanders: SRE 4350 TurboTec, SRE 4351 TurboTec</p>	625598000*
	<p>Dust collection cartridge With pleated filter 631980000, can be cleaned several times Suitable for random orbital sanders: SXE 425 TurboTec, SXE 450 TurboTec</p>	625599000*
	<p>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</p>	625601000*
	<p>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</p>	631981000

Pleated filters		Order no.
	<p>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</p>	625602000*
	<p>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</p>	631980000*

Connector		Order no.
	<p>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</p>	626996000*

*Self-service packaging

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.



M-Clean-Technology
Effective extraction through the machine housing for maximum flexibility of the sanding head

Optimum balance
when working, as the centre of gravity of the machine is not at the sanding head



Rotating sanding head
for working near edges

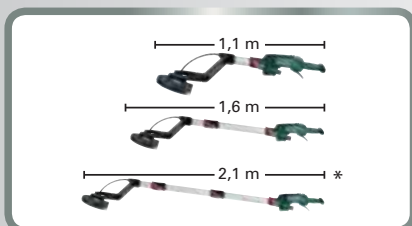
Optimum extraction results
thanks to the spring-mounted brush rim that adapts to the surface

Bright LED sidelight
to help detect imperfections and serrations and ensure a perfect finish



T-Handle
No kinking of the suction hose and cables when putting the machine down after use

LSV 5-225 Comfort



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

Which sanding media for which 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
Area of application							
Sanding of compound seams	■	■	■			■	■
Sanding of compound seams	P40 - P120	P40 - P120	P80 - P120			for soft filler compound	for hard filler compound
Sand full-surface filled areas	■	□	□			■	■
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)	■	■				■	■
Surface fine polish (high-quality reworking)	P180 - P220	P180 - P220					
Removal of wall paper residue	■	■	□			■	■
Removal of wall paper residue	P100 - P180	P100 - P180	P100				
Spot sanding / sanding of old paint layers	□	■	■				■
Spot sanding / sanding of old paint layers	P40 - P100	P40 - P100	P80 - P120				
Spot sanding of base coat	■	■	■				■
Spot sanding of base coat	P80 - P100	P80 - P100	P80				
Spot sanding of insulation boards (e.g. Styrofoam)/joints				■			■
Spot sanding of insulation boards (e.g. Styrofoam)/joints				P16			
Spot sanding of surfaces with wall-paper (woodchip)				■			■
Spot sanding of surfaces with wall-paper (woodchip)				P16			
Spot sanding of old paint layers prior to applying a new layer					■	■	■
Spot sanding of old paint layers prior to applying a new layer					A100 - A180		

□ Well suited ■ Highly suitable






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.
 <p>Sanding pad hard</p> <ul style="list-style-type: none"> ■ Particularly suited for high material removal. <p>Diameter: 225 mm Hardness: hard Version: perforated (18 holes)</p>	626661000*
 <p>Sanding pad</p> <ul style="list-style-type: none"> ■ Very soft, flexible sanding pad, particularly suited for curved, uneven surfaces ■ Standard version of the long-neck grinder <p>Diameter: 225 mm Hardness: very soft Version: perforated (18 holes)</p>	626662000*
 <p>Replacement brush rim</p> <ul style="list-style-type: none"> ■ Replacement brush rim long-neck sander 	626663000*
 <p>Flexible shaft</p> <ul style="list-style-type: none"> ■ Replacement shaft as contained in the scope of delivery ■ Simple, quick and tool-free exchangeable shaft easily changed on site if needed 	626664000*
 <p>Extension</p> <ul style="list-style-type: none"> ■ 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
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

Guide rail



Guide rail

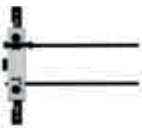
- Guide rail made of sturdy, anodised aluminium extrusion
- Anti-slip backing provides safe and reliable support and protects the work piece surface against scratches
- Guide rule, adjustable to eliminate play

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

Order no.

631213000

Router guide



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

Order no.

631248000

Other Accessories for the Router and Grinder Motor

Moulding/routing attachment



Moulding/routing attachment

- With this moulding/routing attachment, router and grinder motor FME 737 can be converted into a router

Order no.

631501000

Flexible shafts



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

Order no.

627609000*



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

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



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

Order no.

631938000

Planer Accessory

Reversible carbide planer blades



Reversible carbide planer blade

Consisting of 2 reversible carbide planer blades suitable for: HO 18 LTX 20-82, HO 26-82, HO 0882

Order no.

630282000*



Reversible carbide planer blade

Consisting of 10 reversible carbide planer blades suitable for: HO 18 LTX 20-82, HO 26-82, HO 0882

Order no.

630272000

Additional accessories for planers



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

Order no.

631599000*



Clamp

- For the secure fixing on a work table

Order no.

627107000*

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

System components

Accessories → 378

Battery packs → 72

Extraction systems → 453



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

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



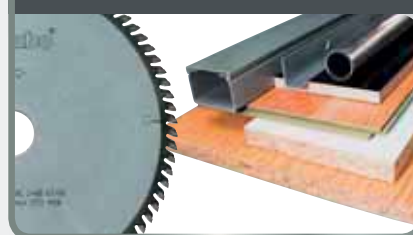
- For fast coarse and semi-fine cuts with continuous feed for low performance requirements
- Good cutting results for straight cuts in solid wood
- Partially suitable for construction wood with nails and concrete residue
- On coated wood or other composites, only coarse cut quality is possible

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



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 woodworking
- 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 woodworking
- 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*

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	62800000*
152 x 2.4 x 20	HW/CT	54	FZ/TZ	1.6	5° neg.	Ks 0852 S	62807000*
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*

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.
	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
NEW		

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

18 V



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
- Battery packs with capacity display for checking the charge status

System components

Accessories → 391

Battery packs → 72

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

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)
		Jigsaw blades made of HSS													
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
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	
				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						□		□				■	■				■							



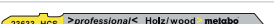

↑
always use
coolant l
ubrication when
sawing
aluminium



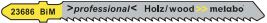
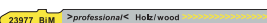




↑
can also be used
for wood

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	Thickness 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 2-15 mm, fibre boards 2-15 mm, plastics, insulating material							
Milled, wavy	HCS	51	1	2.0 mm	T 119 B	5	623631000*
							
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*
							
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*
							
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							
							
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
							
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*
							
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*
							
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*
							
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*
							
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*
							
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*












Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
 <p>Especially for laminate, laminated flooring, hard wood, soft wood, coated boards, plastics 2-30 mm, for clean cuts</p>							
Clearance angle offset, tooth ground, pointed teeth	BiM	74	1.25	1.7 mm	T 101 AIF	5	623948000*
 <p>Hard wood, soft wood, laminated flooring, coated boards, plastics 3-30 mm, for clean cuts, saw blade with plunge tip</p>							
Clearance angle offset, tooth ground	BiM	74	1.25	2.7 mm	T 101 BF	5	623975000*
 <p>Especially for laminate, laminated flooring, kitchen counters 3-30 mm, coated boards, for clean cuts, Caution: deactivate the pendulum stroke!</p>							
Clearance angle, tooth ground reverse gearing	BiM	74	1.25	2.5 mm	T 101 BRF	5	623686000*
 <p>Hard wood, soft wood, coated boards 4-60 mm</p>							
Clearance angle offset, tooth ground	BiM	91	1.5	3.0 mm	T 301 CDF	5	623696000*
 <p>Hard wood, soft wood, chipboards, plywood 5-80 mm, fibreglass boards 5-30 mm, for quick cuts</p>							
Clearance angle offset, tooth ground	BiM	105	1.5	3.0 mm	T 301 CLF	5	623977000*
 <p>Hard wood, soft wood, wood with nails, non-ferrous metals, plastics</p>							
Ground	BiM	90	1	2.5 mm	T 111 HF	5	623949000*
 <p>Perfect on both sides, splinter-free cutting result, for fast cuts, hardwood. Attention: deactivate the pendulum stroke!</p>							
Clearance angle offset, tooth ground	BiM	93	1.5	2.2 mm	T 308 BF	5	623999000*
<p>for wood »pionier« series Quick and clean in all wood thicknesses</p>							
 <p>Hard wood, soft wood, chipboards, wood-core plywood, fibre boards, for quick cuts</p>							
Clearance angle offset, tooth ground	HCS	91	1.5	2.0-3.0 mm, Progressive	T 234 X	5	623675000*
						25	623617000*
<p>Universal, »pionier« series For wood, metal, plastics</p>							
 <p>Wood, wood with nails, metal, non-ferrous metals, plastics</p>							
Offset, milled	BiM	106	1.25	2.4-5.0 mm, Progressive	T 345 XF	5	623677000*
						25	623621000*
<p>for metal, »classic« series Good cutting results with good tool life</p>							
 <p>Steel sheets 0.5-1.5 mm, non-ferrous metals</p>							
Milled, wavy	HSS	66	1	0.7 mm	T 118 G	5	623636000*
						25	623693000*
 <p>Steel sheets 1-3 mm, non-ferrous metals</p>							
Milled, wavy	HSS	51	1	1.2 mm	T 118 A	3	623965000*
						5	623637000*
						25	623692000*
 <p>Steel sheets 1-3 mm, non-ferrous metals</p>							
Milled, wavy	HSS	66	1	1.1-1.5 mm/ 23-17 TPI/ Progressive	T 118 A	5	623924000*
 <p>Sheet steel 1-3 mm, non-ferrous metals, especially for curved cuts</p>							
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.
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	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
for wood, »professional« series Cleaner/quicker cut							
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*
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*
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*
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							
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							
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							
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							
Sheet steel, 0.5 - 1.5 mm,							
Milled, wavy	HSS	52	0.8	0.7 mm	U 118 G	5	623938000*
Steel sheets 1-3 mm							
Milled, wavy	HSS	52	0.8	1.2 mm	U 118 A	5	623941000*
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							
Steel sheets 1-3 mm							
Milled, wavy	BiM	52	0.8	1.2 mm	U 118 AF	5	623907000*
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							

*Self-service packaging

	Order no.
 <p>Guide rail 631213</p> <ul style="list-style-type: none"> ■ 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 <p>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</p>	631213000
 <p>Guiding Device</p> <ul style="list-style-type: none"> ■ For use of the jigsaws in connection with the guide rail 631213 <p>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</p>	631249000
 <p>Connector</p> <ul style="list-style-type: none"> ■ For the trouble-free joining together of two precision guide rails 631213 	631211000*
 <p>2 Tensioning clamps FSZ</p> <ul style="list-style-type: none"> ■ For fixing the precision guide rail on the work piece or work table 	631031000*
 <p>Lubricating / Cooling stick</p> <ul style="list-style-type: none"> ■ Increase of durability with tools, for example, core drills, magnetic drills, BiM hole saws, router bits or saw blades 	623443000
 <p>3 Chip guard plates</p> <ul style="list-style-type: none"> ■ For splinter-free sawing with the jigsaw <p>suitable for machine: STE 100 Plus, STE 135, STE 135 Plus, STEB 135, STEB 135 Plus</p>	623665000*
 <p>3 Chip guard plates</p> <ul style="list-style-type: none"> ■ For splinter-free sawing with the jigsaw <p>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</p>	631208000*
 <p>Extraction set</p> <ul style="list-style-type: none"> ■ Extraction set with corrugated end for safe connection to the Metabo all-purpose vacuum cleaner with suction hose Ø 27 mm and 35 mm. <p>Suitable for machine: STA 18 LTX 140</p>	623669000*
 <p>Extraction set</p> <ul style="list-style-type: none"> ■ Extraction set with corrugated end for safe connection to the Metabo all-purpose vacuum cleaner with suction hose Ø 27 mm and 35 mm <p>suitable for machine: STE 140, STE 140 Plus, STEB 140, STEB 140 Plus</p>	623670000*
 <p>Suction hose</p> <ul style="list-style-type: none"> ■ With bayonet fitting and rubber connector (internal Ø 30 mm, outside Ø 35 mm) <p>Connector Ø: 58 mm Hose length: 3.5 m Suction hose Ø: 27 mm</p>	631938000
 <p>Suction hose</p> <ul style="list-style-type: none"> ■ Anti-static suction hose ■ With bayonet fitting and rubber connector (internal Ø 30 mm, outside Ø 35 mm) <p>Connector Ø: 58 mm / 35 mm Hose length: 3.5 m Suction hose Ø: 27 mm</p>	631939000

*Self-service packaging

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

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 1125 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)	
Material to be processed/ or applications		»flexible« sabre saw blades < 1.0 mm							»professional« sabre saw blades >1.0 mm blade thickness							»premium«							
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		-									■	■	□	

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

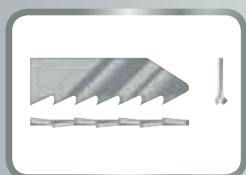
Basic blade material

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.





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.
 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 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	HM	240	1.5	12.7 mm/ 2 TPI	S 1543 HM	1	631916000*
 HM	HM	305	1.5	12.7 mm/ 2 TPI	S 1243 HM	1	631917000*
 HM	HM	455	1.5	12.7 mm/ 2 TPI	S 2243 HM	1	631918000*

*Self-service packaging

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







	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




	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



	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*

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



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

Order no.

626421000*

*Self-service packaging

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
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
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
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
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
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°
Rated input power (S6 20%)	1,350 W / 18 V	1,500 W / 18 V	1,700 W	1,800 W	2,000 W
Weight	9.4 kg / 9.6 kg	13.5 kg / 13.8 kg	13.5 kg	16.3 kg	19.6 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
Dust extraction properties	standard	Effective	Effective	Effective	Effective
Sliding function and cutting depth limiter (e.g. for rebating)		●	●	●	●
Laser - mains powered					
Work light – mains powered	●	●	●	●	●
»Quick« saw blade change - no tools required					
Soft start			●		●
Variable speed			●		
Induction motor					

18 V



**Cordless Mitre Saw
KS 18 LTX 216**



**Cordless Mitre Saw
KGS 18 LTX 216
with sliding function**

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 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



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

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



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

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.



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



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



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

Machine stand



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

Order no.

631317000

Sliding table



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

Order no.

0910058967

Workpiece clamps



Workpiece 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

Order no.

0910057553*

Special accessories for mitre saws

		Order no.
	<p>Stand for mitre saws KSU 100</p> <ul style="list-style-type: none"> ■ 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 <p>Overall length: 100 cm Maximum weight load in central part: 250 kg Weight: 16 kg</p>	629004000
	<p>KSU 251 Stand for mitre saws</p> <ul style="list-style-type: none"> ■ 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 <p>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</p>	629005000
	<p>KSU 401 Stand for mitre saws</p> <ul style="list-style-type: none"> ■ 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 <p>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</p>	629006000
	<p>Machine stand UMS</p> <ul style="list-style-type: none"> ■ For ideal working height and stability ■ Can be folded up compactly ■ Compensation in height with adjustable stand ■ Ready mounted <p>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</p>	631317000



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 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 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



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

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

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: <ul style="list-style-type: none"> ■ Dusts with AGW values > 1 mg/m³ ■ Slightly hazardous dust 	-	
M	 0,1%	Keeps back 99.9% of: <ul style="list-style-type: none"> ■ 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: <ul style="list-style-type: none"> ■ ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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



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 cm ²	3,600 cm ²
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

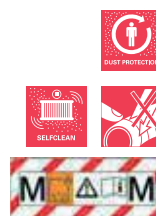
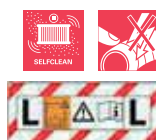
Order no.	602012	602013
Suction hose (Ø 35 mm, 1.75 m)	■	
Suction hose (Ø 35 mm / 3.2 m)		■
2 Suction tubes	■	■
Cellulose pleated filter	■	■
Crevice nozzle	■	■
Pipe holder		■
Floor nozzle (260 mm wide)	■	■
Suction nozzle (120 mm wide)		■

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 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 cm ²	8,600 cm ²	8,600 cm ²
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 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

Which connection option for which handheld power tool?

Metabo All-purpose Vacuum Cleaner							
	ASA 32 L		ASR 50 L SC				
	ASA 25 L PC ¹⁾		ASR 50 M SC				
	ASA 30 L PC Inox ¹⁾		ASR 35 L, M, H ACP				
	ASR 25 L SC						
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

Suction Hoses

	Order no.
 <p>Suction hose</p> <ul style="list-style-type: none"> ■ 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 <p>Hose length: 3.5 m Suction hose Ø: 27 mm</p>	631938000
 <p>Suction hose</p> <ul style="list-style-type: none"> ■ 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 <p>Connector Ø: 58 mm / 35 mm Hose length: 3.5 m Suction hose Ø: 27 mm</p>	631939000
 <p>Suction hose</p> <ul style="list-style-type: none"> ■ With coupling bush with shunt air opening ■ Standard equipment for ASA 25 L PC and ASA 30 L PC Inox <p>Hose length: 3.5 m Suction hose Ø: 32 mm</p>	631337000
 <p>Suction hose</p> <ul style="list-style-type: none"> ■ With swivel joint and bayonet connector ■ Standard equipment for AS 20 L <p>Connector Ø: 58 mm Hose Length: 1.75 m Suction hose Ø: 35 mm</p>	631751000
 <p>Suction hose</p> <ul style="list-style-type: none"> ■ With swivel joint ■ For bayonet fitting <p>Connector Ø: 58 mm / 35 mm Hose Length: 2.5 m Suction hose Ø: 35 mm</p>	631752000
 <p>Suction hose</p> <ul style="list-style-type: none"> ■ 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 <p>Connector Ø: 58 mm Hose length: 3.5 m Suction hose Ø: 35 mm</p>	631362000
 <p>Suction hose</p> <ul style="list-style-type: none"> ■ 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 <p>Connector Ø: 35/35 mm Hose Length: 4 m Suction hose Ø: 35 mm</p>	630344000
 <p>Suction hose</p> <ul style="list-style-type: none"> ■ 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 <p>Connector Ø: 58 mm Hose Length: 4 m Suction hose Ø: 35 mm</p>	631370000

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

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 I suitable for: ASA 25 L PC, ASA 30 L PC Inox Sales unit: 5	630298000*
PE disposal bag - 35/50 I 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 I suitable for: AS 18 L PC Sales unit: 5	630173000*
Fleece filter bag - 25/30 I suitable for: ASA 25 L PC, ASA 30 L PC Inox Sales unit: 5	630296000*
Fleece filter bags – 25/35 I Suitable for all all-purpose and special suction units with a maximum container volume of 25/35 I suitable for: ASR 35 L AutoClean, ASR 35 M AutoClean, ASR 25 L SC Sales unit: 5	630343000*
Fleece filter bags – 45/50 I 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



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 m ³ /h	1,010 m ³ /h
Filter surface	1 m ²	1.1 m ²
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

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 m ² 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 m ² 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



Diversions

		Order no.
 <p>Ø 99 mm Ø 93 mm</p>	<p>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</p>	0913031296

Nozzles

		Order no.
 <p>Ø 99 mm</p>	<p>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</p>	0913031270

Transition rings

		Order no.
 <p>Ø 99 mm Ø 100 mm</p>	<p>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</p>	0913031300*
 <p>Ø 58 mm Ø 100 mm</p>	<p>Reducing sleeve Required for connecting the dust extractor to the Magnum TK 1066 and TKU 225 machines</p>	630841000*

*Self-service packaging



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⁾
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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



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



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



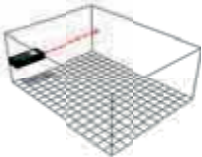
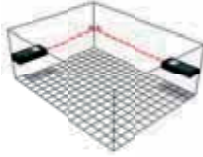
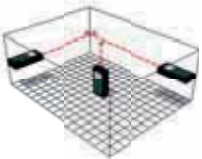
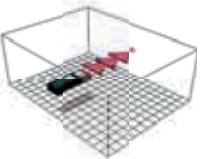
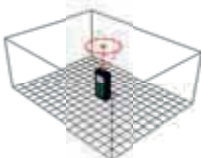
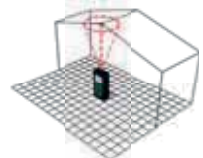

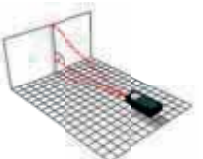
- Consisting of threaded bush and 2 nozzles (crevice nozzle and round nozzle) for screwing into the threaded bush

Order no.

630885000*

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	Function	Applications
 <p>Length Determine the distance with one measurement</p> <ul style="list-style-type: none"> Room length 		 <p>Area Determine the area with 2 measurements</p> <ul style="list-style-type: none"> Area calculation e.g. for paint requirements Drawing up of a floor plan 	
 <p>Volume Determine the volume with 3 measurements</p> <ul style="list-style-type: none"> Layout of heating systems / air conditioning systems 		 <p>Continuous measurement (tracking) Continuous measurements e.g. to monitor positions</p> <ul style="list-style-type: none"> Marking of welding points Setting up furniture / positioning 	
 <p>Minimum tracking Continuous measurement to determine the shortest distance between 2 points</p> <ul style="list-style-type: none"> Installation of doors / windows 		 <p>Maximum tracking Continuous measurement to determine the longest distance between 2 points (e.g. maximum diagonal measurement)</p> <ul style="list-style-type: none"> Verify the squareness and perpendicular characteristics of the room (space diagonal) 	
 <p>Pythagoras 1 Determination of a distance (height) with 2 auxiliary measurements</p> <ul style="list-style-type: none"> Windows Walls 		 <p>Pythagoras 2 Determine a distance (height/width) with 3 auxiliary measurements</p> <ul style="list-style-type: none"> Windows Walls Houses (setting up scaffolding) 	

Which laser distance meter for which application?

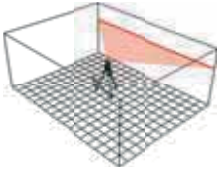
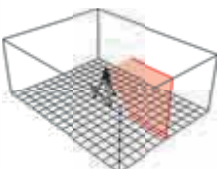
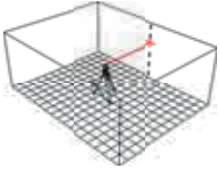
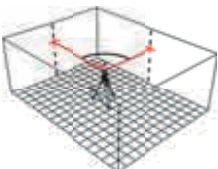

Function	Length	Area	Volume	Continuous measurement
LD 30	■	■	■	■
LD 60	■	■	■	■

Function	Minimum tracking	Maximum tracking	Pythagoras 1	Pythagoras 2
LD 30	■	■	■	■
LD 60	■	■	■	■



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	Function	Applications
Horizontal line  <p>Laser projects a horizontal line onto the wall</p>	Horizontal levelling: <ul style="list-style-type: none"> ■ Create tiled sections ■ Suspend ceilings ■ Levelling window heights ■ Installing kitchens 	Vertical line  <p>Laser projects a vertical line onto the wall, floor and ceiling</p>	Vertical levelling: <ul style="list-style-type: none"> ■ Installation of intermediate / partition walls ■ Cable installation ■ Wallpapering
Point function  <p>Laser beam becomes visible as a point on a targeted area</p>	<ul style="list-style-type: none"> ■ Position intermediate / partition walls ■ Setup of carpents ■ Layout work 	Right angle (90°)  <p>Laser beams are transmitted at a 90° angle</p>	<ul style="list-style-type: none"> ■ Create and transfer tiled sections ■ Verification of perpendicular aspects of the room ■ Layout creation
Plumb-line function  <p>Laser projects a defined point from the floor to the ceiling</p>	<ul style="list-style-type: none"> ■ Lighting designs ■ Install staircases 		



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

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

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.



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	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

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 250-50 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	■	■	■

Product advantages

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> ■ Oil-free piston condenser: simple transportation and reduced service requirements ■ No testing required before initial operation | <ul style="list-style-type: none"> ■ Oil-lubricated Piston Condenser | <ul style="list-style-type: none"> ■ 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

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 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

- | | | | |
|--|---|--|--|
| <ul style="list-style-type: none"> ■ 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 | <ul style="list-style-type: none"> ■ For single phase alternating current ■ Operating pressure can be regulated according to application by means of a filter pressure reducer with manometer | <ul style="list-style-type: none"> ■ For three-phase current ■ Operating pressure can be regulated according to application by means of a filter pressure reducer with manometer | <ul style="list-style-type: none"> ■ For three-phase current ■ Operating pressure can be regulated according to application by means of a filter pressure reducer with manometer |
| <ul style="list-style-type: none"> ■ 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 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

- 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
- 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

System components

Accessories → 525



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

Accessories for impact wrenches, ratchet wrenches

	Order no.
 <p>Socket wrench set 1/2" (10 pieces) Consisting of 10 socket wrenches (10, 11, 12, 13, 15, 17, 19, 21, 22, 24 mm)</p>	628831000
 <p>Socket wrench set 1/2" (3 pieces) Consisting of 3 socket wrenches (17, 19, 21 mm) For alloy wheel caps, long version</p>	628833000
 <p>Socket wrench extension 1/2" impact-proof Overall length 150 mm</p>	628832000
 <p>Socket wrench set 3/4" (8 pieces) Consisting of 8 socket wrenches (21, 22, 24, 26, 27, 28, 30, 32 mm)</p>	628834000
 <p>Socket wrench set 1" (8 pieces) Consisting of 8 socket wrenches (24, 27, 30, 32, 33, 34, 36, 38 mm) Deep version</p>	628835000
 <p>Wall bracket Retention force 15 kg Suitable for air tools, for 3/8", 1/2" and 3/4" air impact wrenches and accessories</p>	628848000



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 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

- 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
-
- 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

System components

Accessories → 524



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



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.

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 → 181

System components

Accessories → 346, 524



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

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
- Galvanized 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 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



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

Operating pressure	6 bar
Air requirement	200 l/min
Weight	0.62 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	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



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 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


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 <ul style="list-style-type: none"> ■ 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

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



Special oil 0.5 litres for compressed air tools
mineral

Order no.
0901008540

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



Pipe cutter
Maximum diameter: 28 mm

Order no.
9109691680

Hose reels

		Order no.
	<p>Hose recoiler SA 100</p> <ul style="list-style-type: none"> ■ With 20 m compressed air hose with fabric insert ■ Quick connection coupling 1/4" Euro and plug-in nipple 1/4" <p>Length: 20 m Internal Ø: 9 mm External Ø: 15 mm Max. pressure: 15 bar Weight: 4 kg</p>	0901054975
	<p>Hose reel ST 200</p> <ul style="list-style-type: none"> ■ 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 <p>Length: 30 m Internal Ø: 8.5 mm External Ø: 12.5 mm Max. pressure: 12 bar Weight: 8 kg</p>	0901054568
	<p>Hose recoiler SA 250</p> <ul style="list-style-type: none"> ■ 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 <p>Length: 8 m Internal Ø: 8 mm External Ø: 12 mm Max. pressure: 15 bar Weight: 2.9 kg</p>	628820000
NEW	<p>Hose recoiler SA 312</p> <ul style="list-style-type: none"> ■ 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 <p>Length: 12 m Internal Ø: 8 mm External Ø: 12 mm Max. pressure: 12 bar Weight: 8 kg</p>	628824000



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 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


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

	Fabric sealing tape <ul style="list-style-type: none"> ■ Seals without hemp or sealing paste ■ For metal and plastic threaded joints Length on roll: 12 m	Order no.	0901026319*
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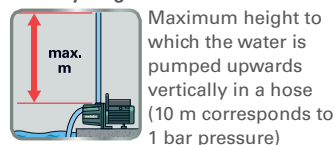
Drainage: Which pump for which application?

	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											■	■				

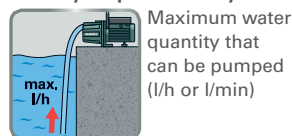
Irrigation: Which pump for which application?

	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	HWW 3500/25 Inox	HWW 4000/25 G	HWW 4500/25 Inox	HWW 4500/25 Inox Plus	HWW 4500/25 Inox	HWW 6000/25 Inox	HWW 6000/50 Inox	HWW 9000/100 G	HWA 3500 Inox	HWA 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	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																					■					

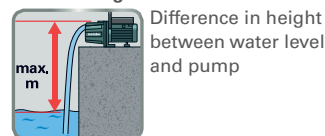
Delivery height



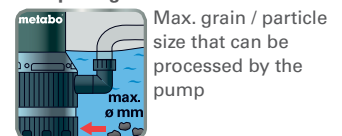
Delivery output / delivery rate



Suction height



Free passage





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 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

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	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	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 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



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 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 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

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
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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

Storz Coupling

- For the connection of dirty water submersible pumps to discharge hoses with C-Storz coupling

	Order no.
 <p>Storz coupling, 1 1/2" C = 2" x 1 1/2" AG</p>	0903061375*
 <p>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</p>	628801000
 <p>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</p>	0903019352
 <p>Storz coupling 2" C = 2" x 2" AG</p>	628800000*



Discharge Sets with Fittings

	Order no.
 <p>Discharge set 7 m</p> <ul style="list-style-type: none"> ■ 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) <p>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</p> <p>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</p>	628821000
 <p>Discharge set: 15 m</p> <ul style="list-style-type: none"> ■ 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 <p>Consisting of: 2" Industrial hose Storz couplings C=2" Cam distance: 66 mm</p> <p>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°</p>	0903061294

*Self-service packaging

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.
	<p>Floating ball For connection to standard and professional suction hose sets Floating ball PE / 2 eyelets, Ø 150 mm Special steel ring, VA</p>	0903061367
	<p>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</p>	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.
	<p>Pump assembly set MSS 310 – HWA/ P</p> <ul style="list-style-type: none"> ■ 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 <p>Manufactured length approx. 310 mm</p> <p>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</p>	0903061260
	<p>Pump assembly set MSS 380 – HWW</p> <ul style="list-style-type: none"> ■ For mounting to the suction connector of all domestic water works with 1" female thread <p>Manufactured length approx. 380 mm</p> <p>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</p>	0903061278

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.
	<p>Filter 1" short</p> <p>Height: 190 mm Diameter: 120 mm Water throughput: 6,200 l/hour Burst pressure: 28 bar Operating pressure: 8 bar</p>	0903016450
	<p>Filter 1" short, with washable filter insert</p> <ul style="list-style-type: none"> ■ Delivery includes washable filter insert with nylon fabric 80 my, protects against ultra-fine sand and solid matter <p>Height: 190 mm Diameter: 120 mm Water throughput: 6,200 l/hour Burst pressure: 28 bar Operating pressure: 8 bar</p>	0903050314
	<p>Filter 1 1/4" short, with washable filter insert</p> <ul style="list-style-type: none"> ■ Delivery includes washable filter insert with nylon fabric 80 my, protects against ultra-fine sand and solid matter <p>Height: 190 mm Diameter: 120 mm Water throughput: 6,200 l/hour Burst pressure: 28 bar Operating pressure: 8 bar</p>	628816000
	<p>Filter 1" long</p> <p>Height: 310 mm Diameter: 120 mm Water throughput: 6,400 l/hour Burst pressure: 28 bar Operating pressure: 8 bar</p>	0903009250
	<p>Filter 1" long, with washable filter insert</p> <ul style="list-style-type: none"> ■ Delivery includes washable filter insert with nylon fabric 80 my, protects against ultra-fine sand and solid matter <p>Height: 310 mm Diameter: 120 mm Water throughput: 6,400 l/hour Burst pressure: 28 bar Operating pressure: 8 bar</p>	0903050306
	<p>Filter 1 1/4" long, with washable filter insert</p> <ul style="list-style-type: none"> ■ Delivery includes washable filter insert with nylon fabric 80 my, protects against ultra-fine sand and solid matter <p>Height: 310 mm Diameter: 120 mm Water throughput: 6,400 l/hour Burst pressure: 28 bar Operating pressure: 8 bar</p>	628817000
	<p>Filter 1 1/2" long</p> <p>Height: 310 mm Diameter: 120 mm Water throughput: 13,800 l/hour Burst pressure: 28 bar Operating pressure: 8 bar</p>	0903014253

Dry-run Protection

		Order no.
	<p>Hydromat HM 3 – electronic pressure switch with dry-run protection</p> <ul style="list-style-type: none"> ■ 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 <p>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</p>	628799000
	<p>Dry-run Protection Stop Switch</p> <ul style="list-style-type: none"> ■ 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

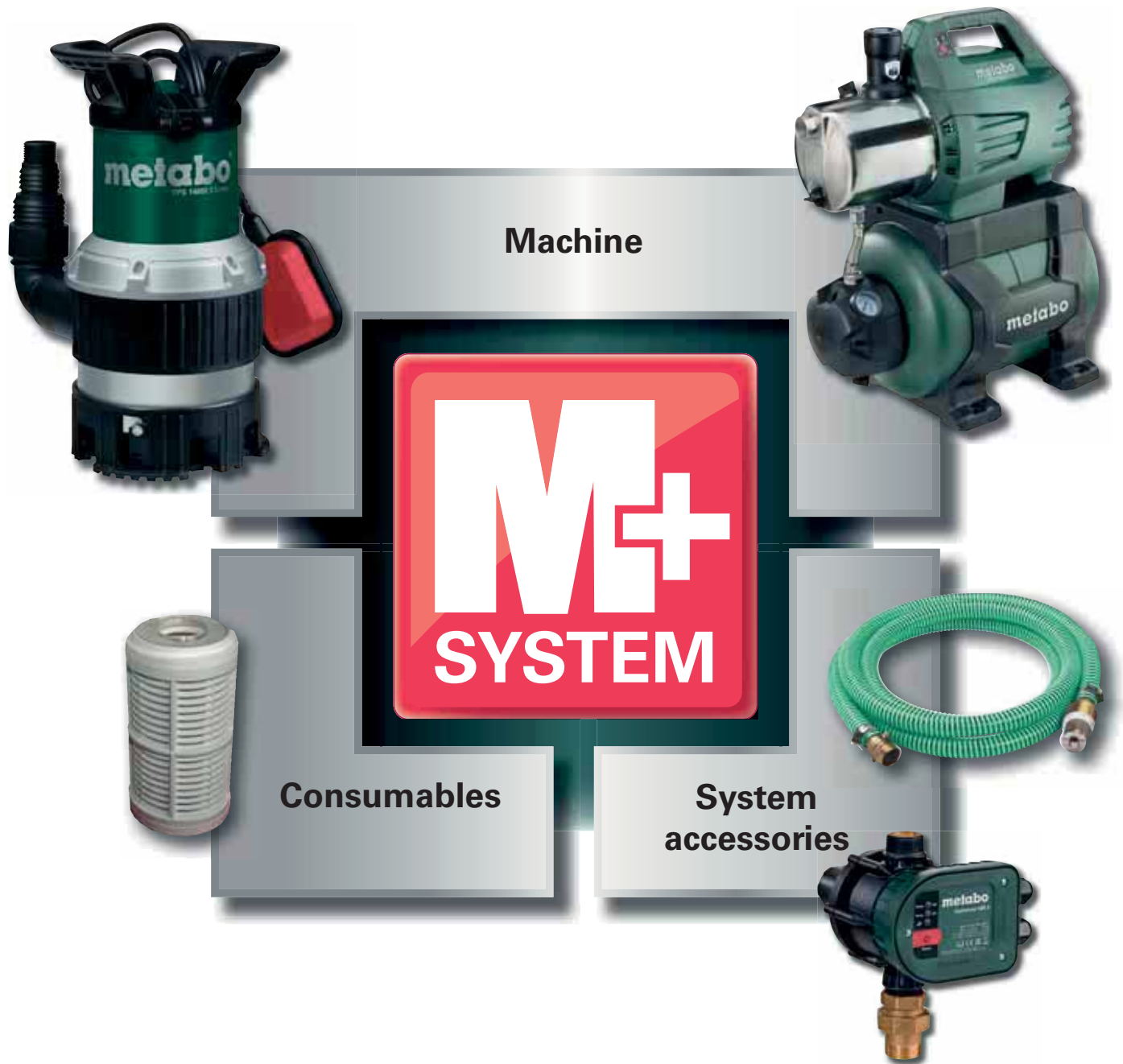
Armoured Hose

		Order no.
	<p>Armoured hose</p> <ul style="list-style-type: none"> ■ 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 <p>Consisting of: Armoured hose, 1" male thread x 1" female thread Gasket Ø 30 x 23 x 3 mm</p> <p>Internal Ø: 25 mm Wall thickness: 4 mm Length 500 mm Operating pressure: 6 bar Bursting pressure: 18 bar Temperature resistance: 0° to 65°</p>	0903061340*

*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: 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.



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.



Metabo S-automatic safety clutch

Protects blades and gears when debris or large branches stop the blades

Double reduction gearing

for especially high cutting performance

HS 8865



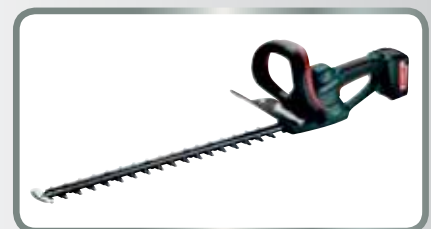
Special blade geometry

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.



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 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


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	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

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.
 <p>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</p>	625451000


Sheet Steel Carry Cases

	Order no.
 <p>Metal carry case For all angle grinders with grinding wheel Ø of 180 mm and 230 mm Dimensions: 170 x 675 x 275 mm</p>	623874000
 <p>Metal carry case For planer Ho 0882 Dimensions: 195 x 395 x 285 mm</p>	631382000


Safety goggles

		Sales unit / sales display	Order no.
	<p>Protective goggles</p> <ul style="list-style-type: none"> ■ 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*
	<p>Protective goggles</p> <ul style="list-style-type: none"> ■ 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

	<ul style="list-style-type: none"> ■ 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

	<ul style="list-style-type: none"> ■ 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, 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 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): <ul style="list-style-type: none"> ⊕ 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): <ul style="list-style-type: none"> ⊕ 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): <ul style="list-style-type: none"> ⊕ 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.
	S2 bits, L = 89 mm (6 pieces): <ul style="list-style-type: none"> ⊕ PH2 ⊕ PZ1, PZ2 ⊕ SL5.5 ⊕ T20, T25 1 x Screwdriver handle	1 piece / 12 pieces	626723000
<div style="background-color: red; color: white; padding: 2px; display: inline-block;">NEW</div>			



Accessory set in carry case, 86 pieces

- High-quality, robust box

comprising:		Sales unit / sales display	Order no.	
	<p>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</p> <p>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</p> <p>CV wood drill bit (5 pieces): Ø 4 mm, Ø 5 mm, Ø 6 mm, Ø 8 mm, Ø 10 mm</p> <p>Flat wood drill bit (4 pieces): Ø 12 mm, Ø 16 mm, Ø 19 mm, Ø 25 mm</p>	<p>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</p> <p>L = 50 mm (8 Stück): ⊕ PH1, PH2, PH3 ⊕ PZ1, PZ2, PZ3 ⊕ T15, T20</p> <p>Depth guide sleeve (4 pieces) 3 mm, 5 mm, 8 mm, 10 mm</p> <p>Socket wrenches (8 pieces) 5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm</p> <p>1 x countersink (wood) 1 x magnetic bit holder 1 x Ø ruler 1 x Allen key</p>	<p>1 piece / 6 pieces</p> 	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.
	<p>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</p>	<p>1 piece / 10 pieces</p> 	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.
	<p>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</p>	<p>1 piece / 10 pieces</p> 	626706000



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.
	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				
<div style="background-color: red; color: white; padding: 2px; display: inline-block;">NEW</div>				



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
		

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



NEW

Sales unit /
sales display

1 piece / 6 pieces

Order no.

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



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

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
36.0 x 90	2	627595000



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

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	Use-able 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	Use-able 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

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606153	282	613087	46	0104003000	438	600676000	434	615025000	337	616215000	139
606154	283	613101	68	0104004000	438	600724000	370	615050000	337	616216000	136
606156	282	613102	47	0104605000	438	600737000	365	616100000	135	616217000	136
606157	283	614044	317	0104705000	438	600738000	365	616101000	135	616218000	136
606162	481	614045	317	0114026000	451	600890000	273	616102000	135	616219000	136
606163	481	614046	317	0114026100	451	601229000	366	616103000	135	616220000	136
606164	483	614047	317	0130170100	468	601579000	522	616104000	135	616222000	136
606165	483	615025	337	0130200100	469	601579010	522	616105000	135	616224000	136
606166	484	615050	337	0130200110	469	601579180	522	616107000	135	616226000	136
606167	484	615250	170	0192901000	430	601580000	522	616109000	135	616227000	136
606176	64	618121	478	0192901018	430	601580010	522	616111000	135	616228000	136
606177	405	619000	422	0193330000	431	601580180	522	616115000	135	616229000	136
606178	405	619001	422	0193330018	431	601581000	523	616119000	135	616270000	135
606212	22	619002	51	0200033000	450	601581010	523	616121000	134	616271000	135
606213	22	619003	424	0250400055	558	601581180	523	616122000	137	616273000	135
606461	125	619004	428	0250500050	558	601582000	523	616123000	134	616274000	135
606462	127	619125	217	0250660000	540	601582010	523	616126000	137	616275000	140
606463	125	619150	217	0250660006	541	601582180	523	616127000	134	616276000	140
606464	127	619175	218	0250750000	545	601583000	522	616135000	138	616277000	140
606465	127	619200	219	0250750013	542	601583180	522	616136000	138	616279000	140
606466	125	619201	219	0250750100	543	601584000	522	616137000	138	616285000	137
606467	128	619216	423	0250800000	540	601584180	522	616143000	138	616286000	137
606468	125	619250	219	0250800002	541	601585000	523	616147000	138	616290000	141
606469	128	619260	423	0251200009	542	601585010	523	616155000	138	616291000	141
606470	128	619261	423	0251300000	540	601585180	523	616156000	138	616299000	135
606471	126	619305	424	0251400000	544	601586000	523	616163000	135	616300000	134
606472	128	620001	309	0251500000	545	601586010	523	616167000	135	616302000	134
606473	126	620002	309	0251600000	544	601586180	523	616170000	142	616303000	138
606474	129	620016	572	0251800000	545	601750000	218	616171000	142	616310000	134
606475	129	620017	572	600065500	341	601751700	212	616177000	142	616312000	138
606476	129	620018	572	600066500	339	601752500	213	616179000	136	616313000	134
608745	573	620044	308	600103000	361	601753500	213	616180000	136	616327000	139
608755	573	620045	308	600129000	336	601755500	213	616181000	136	616328000	139
608765	573	620046	308	600131000	336	602082700	371	616182000	136	616338000	139
608855	574	620047	35	600136000	361	602117600	21	616183000	136	616339000	139
608865	574	620048	35	600211660	39	602117610	21	616184000	136	616343000	139
608875	574	620049	35	600211930	39	602244000	180	616185000	136	616358000	590
609225	335	657025	64	600311500	341	602244500	180	616186000	136	616359000	590
611216	426	657026	64	600321850	180	602259000	185	616187000	136	616364000	590
611350	340	657027	64	600375000	342	602259500	185	616188000	135	616420000	134
611351	340	657028	64	600405000	335	602351770	28	616189000	135	616428000	138
611750	218	657029	64	600408500	321	602540000	424	616191000	135	616429000	140
612216	426	657030	64	600408510	321	602682000	371	616192000	135	616442000	134
613021	57	657031	64	600441500	340	605052000	446	616195000	138	616444000	134
613022	52	0102540200	427	600442500	340	605053000	446	616196000	138	616446000	134
613024	433	0102540300	427	600443500	336	609225500	335	616197000	87	616447000	134
613025	56	0102540318	427	600444500	336	611216000	426	616198000	87	616448000	134
613060	84	0102900000	430	600465510	328	611350000	340	616199000	87	616449000	138
613069	84	0102900018	430	600572000	175	611351000	340	616200000	87	616450000	134
613072	44	0103150000	427	600572500	175	611750000	218	616202000	139	616452000	134
613075	45	0103150018	427	600585700	228	612001000	273	616203000	139	616453000	138
613077	45	0103152000	436	600585800	228	612003000	273	616204000	139	616454000	134
613078	46	0103152100	436	600615000	200	612216000	426	616208000	136	616455000	138
613080	85	0103153100	436	600616000	199	613024660	70	616209000	136	616456000	134
613082	85	0103153300	436	600617000	200	613025850	70	616210000	136	616457000	134
613083	86	0103330000	431	600618000	201	613080000	175	616212000	139	616458000	138
613085	86	0103330018	431	600627000	201	613080500	175	616213000	139	616460000	140

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623685000	395	623924000	396	624029000	348	624140000	149	624482000	351	624970000	355
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623687000	398	623929000	397	624031000	348	624142000	149	624484000	351	624972000	355
623688000	398	623933000	395	624032000	348	624143000	149	624485000	351	624980000	355
623690000	394	623934000	168	624033000	348	624144000	149	624486000	351	624981000	355
623691000	395	623935000	168	624034000	348	624145000	149	624490000	353	624982000	356
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623693000	396	623937000	400	624036000	348	624217000	149	624492000	351	624984000	356
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623695000	395	623939000	401	624041000	346	624219000	149	624494000	351	624986000	356
623696000	396	623940000	400	624042000	346	624220000	149	624495000	351	624987000	356
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623741000	172	623964000	394	624056000	346	624244000	145	624736000	353	625017000	255
623742000	172	623965000	396	624057000	346	624246000	146	624737000	353	625019000	255
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623752000	580	623969000	395	624059000	346	624248000	146	624739000	344	625021000	265
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623758000	580	623971000	397	624061000	345	624258000	145	624749000	353	625023000	265
623759000	580	623972000	397	624063000	172	624259000	145	624826000	352	625024000	265
623760000	580	623973000	397	624064000	344	624275000	145	624827000	352	625025000	265
623767000	78	623974000	398	624066000	349	624276000	146	624828000	352	625031000	257
623768000	78	623975000	396	624081000	348	624277000	145	624829000	352	625033000	257
623796000	151	623976000	395	624082000	348	624278000	145	624830000	352	625038000	257
623796700	151	623977000	396	624083000	348	624279000	145	624831000	352	625043000	257
623801000	152	623978000	397	624084000	348	624306000	590	624832000	352	625050000	257
623803000	152	623979000	397	624085000	348	624307000	590	624840000	171	625053000	257
623804000	151	623980000	395	624086000	348	624308000	590	624873000	149	625055000	257
623805000	152	623998000	395	624087000	348	624309000	590	624912000	171	625057000	257
623851000	578	623999000	396	624088000	348	624310000	590	624913000	171	625059000	257
623852000	578	624001000	347	624089000	348	624346000	149	624915000	171	625062000	257
623854000	577	624002000	347	624092000	171	624347000	149	624916000	171	625064000	257
623855000	577	624003000	347	624094000	149	624356000	146	624926000	171	625066000	257
623856000	577	624004000	347	624101000	150	624358000	146	624927000	171	625123000	267
623857000	577	624005000	347	624102000	150	624359000	146	624940000	355	625126000	267
623858000	577	624006000	347	624103000	149	624391000	145	624941000	355	625128000	267
623862000	221	624007000	347	624104000	150	624392000	145	624942000	355	625129000	267
623867000	221	624008000	347	624105000	150	624393000	145	624943000	355	625130000	267
623874000	578	624019000	347	624106000	150	624394000	145	624944000	355	625150000	259
623903000	400	624020000	347	624107000	150	624395000	145	624945000	355	625160000	269
623905000	400	624021000	347	624122000	150	624396000	145	624946000	355	625161000	269
623906000	400	624022000	347	624123000	149	624397000	145	624947000	355	625162000	269
623907000	400	624023000	347	624124000	150	624398000	145	624958000	356	625163000	269
623909000	401	624024000	347	624135000	149	624475000	146	624959000	356	625164000	269
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0909057183	448	6109079322	527	7876693610	528
0909057191	448	7710672339	521	7876693628	528
0909060257	448	7800009035	532	9109691680	528
0909060265	448	7800009043	532		
0909060273	448	7800009558	532		
0909060281	448	7801009055	531		
0909060303	449	7801009063	531		
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