

EQUIPMENT FEATURES

- To saw wood, plastics, metal pipes and profiles
- Powerful, sturdy motor
- Sheathed die cast aluminium gear housing
- Selectable pendulum stroke
- Variospeed (V) electronics
- Electronic soft start
- Saw blade rotatable by 180°
- Metabo "Quick" saw blade change
- Depth guide adjustable without tools
- Multi-purpose machine that will accept a comprehensive range of saw blades



PSE 1200

1200 Watt
Electronic
Orbital Sabre Saw
PSE 1200

Comparative device characteristics

Torque	15 Nm
Strokes at no load	0 - 2.600 /min
Rated input power	1.200 W
Output power	650 W
Saw blade stroke	28 mm
Weight (without mains cable)	4 kg

Standard equipment

3 saw blades, carry case

Type
Order no.

PSE 1200
6.01301 ■

The features of the Metabo sabre saw blades



Colour

The colour indicates for which material the blade is suited best.

Yellow	for wood
Yellow with blue lettering	for wood with nails
Blue	for metal
Black	for special applications

Basic blade material

HCS	carbon steel, for cutting soft wood, hardboards, plastics
HSS	High yielding high-speed steel, suitable for metal, aluminium work
BiM	Bimetal especially flexible mix of HCS and HSS. Suitable for quick cuts in pipes, profiles, sheet metals, wood with nails, metals
HM	Hard metal for stainless steel, glass reinforced plastic, abrasive materials and porous concrete

Quality class

>classic< series	good results and very good service life
>flexible< series	break-proof, flexible
>professional< series	stable, precise working, for tough applications
>pionier< series	quick through all materials
>expert< series	for special applications

Type

see jig-saw blades on page 198

Shaft form

The sabre-sawblades from Metabo are supplied with an universal shaft, suitable for the sabre saws from all other brands.



Sabre saw blades with 1/2" universal shank

Suitable for Metabo, AEG, Atlas Copco, Black & Decker, Bosch, DeWalt, Flex, Hitachi, Milwaukee, Porter Cable, Skil ...

Material suitability	Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Packing unit	Order no.
FOR METAL, "CLASSIC" SERIES								
 Metal sheets 1-3 mm, Profiles 5-100 mm	Crimped, Milled	BiM	150	0,9	1,06mm/ 24 TPI	S 918 AF	2	6.31129
 Metal sheets 2-8 mm, Profiles 10-100 mm	Crimped, Milled	BiM	150	0,9	1,8mm/ 14 TPI	S 918 BF	2	6.31130
FOR METAL, "FLEXIBLE" SERIES								
 Metal sheets 0.7-3 mm, Pipes, Profiles 0.5-100 mm	Crossed, Milled	BiM	150	0,9	1,4mm/ 18 TPI	S 922 EF	2 5 100	6.31080 6.31454 6.25490
 Metal sheets 3-8 mm, Pipes, Profiles, Ø 10-100 mm	Crossed, Milled	BiM	150	0,9	1,8mm/ 14 TPI	S 922 BF	2 5 100	6.31093 6.31491 6.25491
 Metal sheets 1.5-4 mm, Profiles, Ø 5-175 mm, Profiles 10 - 175 mm, For flush cuts	Crossed, Milled	BiM	225	0,9	1,4mm/ 18 TPI	S 1122 EF	2 5	6.31095 6.31493
 Metal sheets 3-8 mm, Pipes, Profiles, Ø 10-175 mm, Flush cuts	Crossed, Milled	BiM	225	0,9	1,8mm/ 14 TPI	S 1122 BF	2 5 100	6.31096 6.31494 6.25492
 Metal sheets 1.5-6 mm, Especially for curved cuts	Crossed, Milled	BiM	100	0,9	1,8mm/ 14 TPI	S 422 BF	5	6.31990
FOR METAL, "PROFESSIONAL" SERIES								
 Metal sheets 4-10 mm, Pipes and profiles, Ø 20-175 mm, For pipe cutting equipment, For demolition and reconstruction work, For straight and clean cuts	Crossed, Milled	BiM	225	1,1	2,54-3, 18 mm/ 8-10 TPI	S 1126 CHF	5	6.31989
 Metal sheets 2-8 mm, Pipes, Profiles, Ø 10-150 mm	Crossed, Milled	BiM	200	1,25	1,8mm/ 14 TPI	S 1025 BF	5	6.31909
 Metal sheets 2-12 mm, Pipes, Profiles, Ø 10-150 mm	Crossed, Milled	BiM	200	1,25	1,8-2,6mm/ 10-14 TPI	S 1025 VF	5	6.31991
 Metal sheets 4-10 mm, Pipes and profiles, Ø 20-100 mm, For pipe cutting equipment, For demolition and reconstruction work	Crossed, Milled	BiM	150	1,6	2,9mm/ 8 - 10 TPI	S 920 CF	5	6.31992
 Metal sheets 4-10 mm, Pipes and profiles, Ø 20-175 mm, For pipe cutting equipment, For demolition and reconstruction work	Crossed, Milled	BiM	225	1,6	2,9mm/ 8 - 10 TPI	S 1120 CHF	5	6.31993
FOR METAL, "PIONEER" SERIES								
 Metal sheets 1-8 mm, Profiles, Ø 5-100 mm	Crossed, Milled	BiM	150	0,9	progressiv	S 123 XF	2 5	6.31911 6.31914

SAWS

SPECIAL-PURPOSE MACHINES

SYSTEMATIC ORGANISATION

GARDEN
















WOOD-PROCESSING TECHNOLOGY

WATER-/PUMP TECHNOLOGY


WELDING TECHNOLOGY


COMPRESSED AIR SYSTEMS

Material suitability	Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Packing unit	Order no.
FOR WOOD AND METAL, "CLASSIC" SERIES								
 Wood, Wood with nails, Non-ferrous metals, Plastics	Crossed, Milled	HCS, HAS	300	0,9	2,5mm/ 10 TPI	S 1211 H	2	6.31125
FOR WOOD AND METAL, "FLEXIBLE" SERIES								
 Wood, Wood with nails, Metal inserts Ø 5-100 mm, Metal sheets, Pipes, Profiles 3 - 10 mm, Plastics, 3-100 mm	Crossed, Milled	BiM	150	0,9	1,8-2,6mm/ 10-14 TPI	S 922 VF	2 5 100	6.31094 6.31492 6.25493
 Wood, Wood with nails, Metal inserts Ø 5-175 mm, Metal sheets, Pipes, Profiles 3 - 10 mm, Plastics, 3-175 mm	Crossed, Milled	BiM	225	0,9	1,8- 2,6 mm/ 10-14 TPI	S 1122 VF	2 5 100	6.31097 6.31495 6.25494
 Wood, Wood with nails, Metal inserts Ø 5-250 mm, Metal sheets, Pipes, Profiles 3-10 mm, Plastics, 3-250 mm	Crossed, Milled	BiM	300	0,9	1,8- 2,6 mm/ 10-14 TPI	S 1222 VF	2 5	6.31098 6.31407
 Wood, Wood with nails, Metal inserts Ø 5-150 mm, Pallets, Metal sheets, Pipes, Profiles 3-12 mm, Plastics, 3-150 mm	Crossed, Milled	BiM	200	0,9	2,5 mm/ 10 TPI	S 1022 HF	5	6.31932
FOR WOOD AND METAL, "PROFESSIONAL" SERIES								
 Wood, Wood with nails, Metal inserts Ø 10-100 mm, Plastics, For demolition and reconstruction work	Crossed, Milled	BiM	150	1,6	4,3 mm/ 6 TPI	S 610 DF	5	6.31925
 Wood, Wood with nails, Metal inserts Ø 10-175 mm, Plastics, For demolition and reconstruction work	Crossed, Milled	BiM	225	1,6	4,3 mm/ 6 TPI	S 1110 DF	5	6.31926
FOR WOOD AND METAL, "PIONEER" SERIES								
 Wood, Wood with nails, Metal inserts Ø 5-150 mm, Metal sheets, Pipes, Profiles 3 - 18 mm, Plastics, 5-150 mm	Crossed, Milled	BiM	200	1,25	progressiv	S 3456 XF	2 5	6.31912 6.31915
FOR WOOD, "CLASSIC" SERIES								
 Wood, up to 250 mm	Crossed, Milled	HCS	300	1,25	4,0 mm/ 6 TPI	S 1411 D	2	6.31140
FOR WOOD (WITH NAILS), "FLEXIBLE" SERIES								
 Wood, 10-100 mm, Wood with nails, Plastics, Window frames, Especially for plunge cuts	Crossed, Milled	BiM	150	1,25	3,2-5,1mm/ 5-8 TPI	S 611VF	5 100	6.31984 6.25495
 Wood, Wood with nails, Plastics, Chipboards 10-100 mm, Especially for curved cuts	Crossed, Milled	BiM	150	1,25	3,2-5,1mm/ 5-8 TPI	S 711 VF	5	6.31985
 Wood, Wood with nails, Plastics, Chipboards 10-175 mm	Crossed, Milled	BiM	225	1,25	3,2-5,1mm/ 5-8 TPI	S 1111 VF	5	6.31986
 Wood, Wood with nails, Plastics, Chipboards 10-250 mm	Crossed, Milled	BiM	300	1,25	3,2-5,1mm/ 5-8 TPI	S 1411 VF	5	6.31987
FOR WOOD, "PROFESSIONAL" SERIES								
 Wood (even damp) 15-100 mm, Firewood 15-90 mm	Crossed, Ground, Carbide-coated	HCS	240	1,5	8,5 mm/ 3 TPI	S 1542 K	2 5	6.31141 6.31490

Material suitability	Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Packing unit	Order no.	
 Wood, 15-190 mm, Firewood, Tree pruning	Crossed, Ground, Carbide-coated	HCS	240	1,5	5,0 mm/ 5 TPI	S 1531 L	2	6.31139	SAWS
							5	6.31488	
							100	6.25496	
 Wood, 20-250 mm, Firewood, Tree pruning	Crossed, Ground, Carbide-coated	HCS	300	1,5	5,0 mm/ 5 TPI	S 1431 L	5	6.31988	SPECIAL-PURPOSE MACHINES
 Wood, 6-100 mm, Chipboards 6-60 mm, Plywood, Plastics, Especially for plunge cuts	Crossed, Ground	HCS	150	1,25	4,0 mm/ 6 TPI	S 644 D	2 5	6.31120 6.31470	
 Wood, 10-250 mm, Chipboards 10-100 mm, Plywood, Plastics	Crossed, Ground	HCS	300	1,25	4,0 mm/ 6 TPI	S 1344 D	2 5	6.31122 6.31472	SYSTEMATIC ORGANISATION
FOR WOOD, "PIONEER" SERIES									
 Wood, 6-150 mm, Boards, 6-60 mm, Plywood, Plastics, Especially for plunge cuts	Crossed, Ground	HCS	200	1,25	progressiv	S 2345 X	2 5	6.31910 6.31913	SPECIAL-PURPOSE MACHINES
FOR SPECIAL APPLICATIONS, "EXPERT" SERIES									
 NEW Building stone, Brick, Aerated concrete, Sand-lime brick, Cement composite boards, For material thicknesses < 150 mm		carbide	240	1,5	12,7 mm/ 2 TPI	S 1543 HM	1	6.31916	GARDEN
 NEW Building stone, Brick, Aerated concrete, Sand-lime brick, Cement composite boards, For material thicknesses < 215 mm		carbide	305	1,5	12,7 mm/ 2 TPI	S 1243 HM	1	6.31917	
 NEW Building stone, Brick, Aerated concrete, Sand-lime brick, Cement composite boards, For material thicknesses < 365 mm		carbide	455	1,5	12,7 mm/ 2 TPI	S 2243 HM	1	6.31918	
 Aerated concrete 6-100 mm, Brickwork 6-100 mm, Fibre reinforced cement, Glass fibre reinforced plastic	Carbide-tipped, Crossed	carbide	150	1,25	4,3 mm/ 6 TPI	S 641 HM	1	6.31137	WOOD-PROCESSING TECHNOLOGY
 Aerated concrete 10-250 mm, Brickwork 10-250 mm, Fibre reinforced cement, Glass fibre reinforced plastic	Carbide-tipped, Crossed	carbide	300	1,5	8,5 mm/ 3 TPI	S 1241 HM	1	6.31146	
 Aerated concrete 20-350 mm, Brickwork 20-350 mm, Fibre reinforced cement, Glass fibre reinforced plastic	Carbide-tipped, Crossed	carbide	400	1,5	12,7 mm/ 2 TPI	S 2041 HM	1	6.31819	
 Stainless steel sheets (Inox) 2-4 mm, Stainless steel profiles 2-50 mm, Plastics (glass-fibre reinforced plastics)	Carbide toothed strip, Ground	carbide	115	1,25	1,4 mm/ 18 TPI	S 518 EHM	2	6.31817	WATER-/PUMP TECHNOLOGY
 Cardboard, Expanded polystyrene, Insulating material	Knife-blade ground	HCS	150	1		S 713 AW	2	6.31144	
 Cast steel pipes Ø max. 6", Brickwork, Plastics (glass-fibre reinforced plastics)	Carbide-coated, Grain size 30	carbide	225	1,25		S 1130 Riff	2	6.31818	WELDING TECHNOLOGY
 Gypsum plaster 8-100 mm, For clean cuts	Carbide-tipped, Crossed	BiM	150	1,25	4,3 mm/ 6 TPI	S 628 DF	5	6.31907	
COMPRESSED AIR SYSTEMS									

Nozzles		Order no.
	Wide jet nozzle ■ For drying and for removing paint Width: 50 mm	6.30001
	Wide jet nozzle ■ Stripping old paint from larger surfaces Width: 75 mm	6.30002
	deflector nozzle ■ For removing old paint on window frames, for waxing and de-waxing skis Width: 75 mm	6.30003
	Wrap nozzle ■ For warming plastic tubes etc. prior to bending and shaping; shrinking on shrink-fit plastic sleeves, (e.g. on cable ends)	6.30004
	Slit nozzle ■ For overlap-welding of PVC tarpaulins and sheeting ■ To fit the nozzle, the reducing nozzle 6.30005 is needed	6.30006
	Cutting nozzle ■ For making straight and curved cuts in rigid plastic foam (e.g. polystyrene) ■ To fit the nozzle, the reducing nozzle 6.30005 is needed	6.30008
	Welding nozzle ■ For working with plastic welding wire (up to diameter 5 mm!) ■ To fit the welding nozzle, the reducing nozzle 6.30005 is needed.	6.30007
	Reducing nozzle ■ For fitting slit nozzle 6.30006, cutting nozzle 6.30008 and welding nozzle 6.30007. Also suitable for spot-heating, (e.g. soldering and welding) Diameter: 9 mm	6.30005






Accessories		Order no.
	Welding nozzle ■ For butt-welding plastic parts. The parts to be welded are pressed against the faces of the welding nozzle until the material reaches its melting point. Then they are pulled off and pressed together. ■ To fit the welding nozzle, the reducing nozzle 6.30010 is needed	6.30009

	Reducing nozzle ■ For fixing welding nozzle 6.30009 ■ Also suitable for spot-heating, (e.g. soldering and welding) Diameter: 14 mm	6.30010
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Shrink-fit sleeves ■ For shrink-sealing cable ends, plastic sleeves, cable trains, etc. by warming with wrap nozzle 6.30004	
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	Order no.	
	Shrink-fit sleeve Diameter: 2,4 - 4,8 mm Packing unit: 50	6.30012
	Shrink-fit sleeve Diameter: 4,8 - 9,5 mm Packing unit: 30	6.30013

Plastic welding, Ø 4 mm (packs with 100 g each)	
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	Order no.	
	Plastic welding wire Material: Plasticised PVC ■ For welding on parts made of plasticised PVC (e.g. hoses and boards), welding together PVC floor tiles	6.30019
	Plastic welding wire Material: Rigid PVC ■ For welding on parts made of rigid PVC (e.g. pipes and boards)	6.30015
	Plastic welding wire Material: LDPE (low-density polyethylene) ■ For welding on objects made of LDPE (e.g. household and electrical items)	6.30021
	Plastic welding wire Material: HDPE (high-density polyethylene) ■ or welding on objects made of HDPE (e.g. tubs and baskets)	6.30014
	Plastic welding wire Material: PP (polypropylene) ■ For welding work on packaging, pipes, vehicle parts, etc. made of PP	6.30020

Paint-scraper kit	
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	Order no.	
	■ Comprising one handle and three different shaped scraper blades	6.31046

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COMPRESSED AIR SYSTEMS


COMMON FEATURES

- For staples, nails, Metabo shaped wood claws (for fixing slot and spring boards) and groove clutches (for panels)
- Electronically variably modifiable impact force
- Tappet with nut for specific placing of tacker on the positioning lung of the Metabo shaped wood claws and groove clutches
- Protection against unintentional triggering of blows



	Tacker Ta E 2019	Tacker Ta E 3030	Tacker Ta M 3034
Special advantages			
■ Also suitable for handling flat wire staples	•		
■ Reshaping feature (for staples and nails)	•	•	
■ Electronically controlled multiple impact device (for staples and nails). A depth probe automatically interrupts the multiple blow when the staple (the nail) is fully driven in.			•
■ Rubber protective shoe to be fitted on the tacker tappet. The protective shoe prevents the formation of pressure marks on the soft material while working with the tacker.		•	•
Comparative device characteristics			
Maximum pulse string	20 /min	20 /min	20 /min
For working with			
- Staples, 4 mm wide	12 - 18 mm	18 - 30 mm	18 - 30 mm
- Staples, 10 mm wide	8 - 18 mm		
- Flat wire stapl., 10 mm wide	8 - 14 mm		
- Nails	19 mm	16 - 30 mm	16 - 30 mm
Weight (without mains cable)	1 kg	1,2 kg	1,2 kg
Standard equipment	Universal magazine for all commercial staples and nails, 3 front plates	Magazine for 4 mm wide (up to 30 mm long) staples and 16-30 mm long nails, rubber protective shoe	Magazine for 4 mm wide (up to 30 mm long) staples and 16-30 mm long nails, rubber protective shoe
Type	Ta E 2019	Ta E 3030	Ta M 3034
Order no.	6.02019	6.03030	6.03034

Staples, 4 mm wide




Width mm	Length mm	Stain-less	Suitable for	Packing unit	Order no.
4	12		Ta E 2019	2.000	6.30901
4	15		Ta E 2019	2.000	6.30902
4	18		Ta E 2019, Ta E 3030, Ta M 3034	2.000	6.30903
4	18	•	Ta E 2019, Ta E 3030, Ta M 3034	2.000	6.30909
4	23		Ta E 3030, Ta M 3034	2.000	6.30904
4	26		Ta E 3030, Ta M 3034	2.000	6.30905
4	26	•	Ta E 3030, Ta M 3034	2.000	6.30910
4	30		Ta E 3030, Ta M 3034	2.000	6.30906

Staples, 10 mm wide




Width mm	Length mm	Suitable for	Packing unit	Order no.
10	8	Ta E 2019	1.000	6.30570
10	10	Ta E 2019	1.000	6.30571
10	12	Ta E 2019	1.000	6.30572
10	14	Ta E 2019	1.000	6.30573
10	18	Ta E 2019	1.000	6.30574

Flat wire staples, 10 mm wide




Width mm	Length mm	Suitable for	Packing unit	Order no.
10	8	Ta E 2019	2.000	6.30576
10	10	Ta E 2019	2.000	6.30577
10	14	Ta E 2019	2.000	6.30578

Nails



Length mm	Suitable for	Packing unit	Order no.
16	Ta E 3030, Ta M 3034	1.000	6.30592
19	Ta E 2019, Ta E 3030, Ta M 3034	1.000	6.30593
25	Ta E 3030, Ta M 3034	1.000	6.30907
30	Ta E 3030, Ta M 3034	1.000	6.30908


Hanger clips



- With positioning lung
- Distance of mounting holes 4 mm

Thickness of grooved side wall of panel (h) mm	Suitable for	Packing unit	Order no.
3	Ta E 2019, Ta E 3030, Ta M 3034	250	6.30911

Accessories

	Order no.
 Rubber protective shoe Suitable for: Ta E 3030, Ta M 3034	6.31053
 Staple extractor	6.30923
 Sheet steel carry case For Ta E 2019, Ta E 3030, Ta E 3034	6.31416



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EQUIPMENT FEATURES

- For glueing: wood, plastics, carton, glass, ceramic, stone, textiles, cork, leather, metal.... on wood, plastics, concrete, stone, ceramic, metal etc.
- Also suitable for sealing and joining and for repairs with hot-melt type adhesive
- Mechanical glue feed
- Nozzle with heat guard
- Hot-melt type adhesive temperature stabilisation
- Strap and supporting surface on housing for safe stop after use
- Anti-drip nozzle. This prevents adhesive dripping



KE 3000

Glue Gun KE 3000	
Comparative device characteristics	
For hot melt type glue sticks	
- Diameter	11 mm
- Length	200 mm
Maximum glue output	18 g/min
Warm-up time	ca. 6 min
Processing temperature	ca. 200 °C
Weight (without mains cable)	0,25 kg
Standard equipment	Hot-melt type glue stick (200 mm long, transparent)
Type	KE 3000
Order no.	6.18121

Accessories for the KE 3000			
	Open time of adhesive sek	Weight kg	Order no.
	Hot-melt type glue sticks, light yellow		
	<ul style="list-style-type: none"> ■ For gluing wood and wood-like substances, 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 		
	ca. 25	0,5	6.30887
	ca. 25	20	6.30891



EQUIPMENT FEATURES

- Compact and handy for versatile use
- Comfortable handling through its ergonomic shape
- Durable halogen bulb
- Focusable light beam for exact lighting
- Lamp head can be tilted and stopped in 6 positions
- Suitable for all current Metabo battery packs in the "AIR COOLED" generation of 9.6 -18 Volt



ULA 9.6-18

Multi-Purpose Cordless Portable Lamp ULA 9.6-18	
Comparative device characteristics	
Maximum duration of illumination	9.6 V: 3.5 hours/ 12 V: 4.7 hours/ 15.6 V: 5.7 hours/ 18 V: 6.5 hours
Weight (without battery pack)	0,37 kg
Standard equipment	(delivered without battery pack and without charger)
Battery packs and recharger are found on pages 137/139	
Type	ULA 9.6-18
Order no.	6.02511

Accessories for the KE 3000			
	Open time of adhesive sek	Weight kg	Order no.
	Hot-melt type glue sticks, transparent		
	<ul style="list-style-type: none"> ■ Also suitable for gluing plastics (e.g. polystyrene, polyester and polyamide), fabrics, etc. (strong, elastic glue joints) 		
	ca. 35	0,5	6.30886
	ca. 35	20	6.30889
	Additional nozzle assortment pack		
	<ul style="list-style-type: none"> ■ Comprising: threaded nozzle bush and two nozzles (grouting nozzle and flat nozzle) for fitting to the threaded bush 		
			Order no. 6.30885