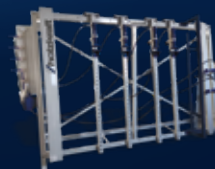


SPRING/SUMMER 2026



HBS 513 - HBS 533 series

Precision wood band saws. TOP in quality, workmanship and price-performance ratio

- ▶ Particularly smooth and precise running thanks to a torsion-free machine housing
- ▶ Grey cast iron saw table with precisely ground and polished surface
- ▶ Quick cutting height adjustment via rotary knob and toothed rack with millimetre scale
- ▶ Smooth-running aluminium parallel fence with eccentric quick clamping and magnifying glass
- ▶ Mitre angle stop, adjustable by 60° on both sides
- ▶ Laser device for cutting line marking



HBS 351



HBS 433

Technical data		HBS 351 (IE2)	HBS 431 (IE2)	HBS 433 (IE3)	HBS 533 (IE3)
Art. No.		5150035	5150041	5150043	5150053
Table dimensions (L x W x H)	mm	500 x 356 x 1065	610 x 431 x 950	535 x 535 x 945	535 x 535 x 945
Cutting speeds	m/min	650/400	900/450	850/430	850/430
Flywheel Ø	mm	356	430	530	530
Cutting height max.	mm	200	270	270	270
Cutting width with/without stop max.	mm	321 / 346	370 / 410	474 / 514	474 / 514
Saw band length	mm	2562	3345	3865	3865
3-roller precision guide		top / bottom	top / bottom	top / bottom	top / bottom
Saw table inclination ²⁾	°	-10 – +45	-10 – +45	-10 – +45	-10 – +45
Suction nozzle Ø	mm	120	2 x 120	2 x 120	2 x 120
Motor power ~50 Hz	kW/V	0.55 / 230	1.5 / 230	1.5 / 400	2.25 / 400
Dimensions (L x W x H) approx.	mm	770 x 755 x 1750	820 x 800 x 1852	1020 x 880 x 1982	1020 x 880 x 1982
Weight approx.	kg	88.5	162	159	187

²⁾ For safety reasons, a stop must be fitted above 20° to prevent the wood from slipping.



HBS 433



- Display of the saw blade precision for different saw blade widths
- Can be read from the outside through a viewing window integrated in the door



- From HBS 431 with precision saw band guide, with guide rollers
- Top and bottom with fine adjustment



- Flywheels with special coating (HBS 351)
- The basic voltage setting is made using the rotary knob at the top.



- Eccentric quick-clamping lever
- The basic voltage setting is not changed.
- With integrated saw blade tension indicator



- HBS 351 with high-quality saw blade guide
- With guide rollers
- Easily adjustable
- Practically maintenance-free



- The grey cast iron saw table is mounted on a rocker support.
- The saw table tilt can be easily adjusted from -10° to +45°.

Accessory

Circular cutting device
HBS 431-HBS 533
Art. no.: 5152001



Band saw blades

for HBS 351	tpi *	Art. No.
Wood 2562 x 6 x 0.65 mm	6	5160359
Wood 2562 x 10 x 0.5 mm	4	5160360
Wood 2562 x 12 x 0.5 mm	4	5160361
Wood 2562 x 16 x 0.5 mm	4	5160362

for HBS 431 / HBS 433	tpi *	Art. No.
Wood 3340 x 6 x 0.65 mm	6	5160431
Wood 3340 x 10 x 0.5 mm	4	5160432
Wood 3340 x 16 x 0.5 mm	4	5160433
Wood 3340 x 20 x 0.5 mm	4	5160434
Wood 3340 x 25 x 0.5 mm	4	5160435

for HBS 533	tpi *	Art. No.
Wood 3865 x 10 x 0.5 mm	4	5160531
Wood 3865 x 16 x 0.5 mm	4	5160532
Wood 3865 x 20 x 0.5 mm	4	5160533
Wood 3865 x 25 x 0.5 mm	4	5160534

HOLZKRAFT band saw sets

Band saw blade set HBS 351 (IE2)

Art. no.: 5160363

- Uni 2562x6x0.65 mm; Z6 (5160359)
- Uni 2562x10x0.5 mm; Z4 (5160360)
- Uni 2562x16x0.5 mm; Z4 (5160362)

Band saw blade set HBS 431 (IE2)/433 (IE3)

Art. no.: 5160436

- Uni 3340x6x0.65 mm; Z6 (5160431)
- Uni 3340x16x0.5 mm; Z4 (5160433)
- Uni 3340x25x0.5 mm; Z4 (5160435)

Band saw blade set HBS 533 (IE3)

Art. no.: 5160539

- Uni 3865x10x0.5 mm; Z4 (5160531)
- Uni 3865x20x0.5 mm; Z4 (5160533)
- Uni 3865x25x0.5 mm; Z4 (5160534)

*tpi (teeth per inch)

UF 300 - Universal trolley with 300 kg load capacity



Technical data	UF 300
Art. No.	6190300
Square footprint min.	345 x 345 mm
Square footprint max.	730 x 730 mm
Hole spacing	25.4 mm
Weight approx.	9 kg

Serie HBS 513 S - HBS 813 S

Precision wood band saws with high cutting performance for professionals

- ▶ Heavy-duty design with high dead weight for maximum running smoothness
- ▶ Particularly smooth and precise running thanks to a torsion-free machine housing
- ▶ Precisely adjustable aluminium parallel fence
- ▶ Cast flywheels with rubber coating and chip scraper brush
- ▶ Large swivelling grey cast iron saw table with ground and polished surface.
- ▶ Precise cutting height adjustment via toothed rack with millimetre scale
- ▶ Two suction nozzles
- ▶ With high-quality saw blade guide



HBS 613 S

Scope of delivery:

- Mitre stop
- Saw band
- Push stick
- Aluminium parallel stop

Technical data		HBS 513 S	HBS 613 S	HBS 713 S	HBS 813 S
Art. No.		5150513	5150613	5150713	5150813
Table dimensions (L x W x H)	mm	640 x 500 x 920	700 x 610 x 920	900 x 700 x 940	900 x 700 x 1050
Widening (L x W)	mm	500 x 150	610 x 200	700 x 200	700 x 200
Cutting speeds	m/min	1320	1560	1560	1080
Flywheel Ø		510	610	710	810
Cutting height 90° / 45° max.	mm	350 / 258	430 / 258	430 / 200	470 / 285
Cutting width without stop	mm	500	600	700	800
Cutting width with stop	°	415	495	595	595
Saw band length	mm	4100	4590	5020	5610
Saw table inclination ²⁾	°	0 - 45	0 - 45	0 - 45	0 - 45
Motor power ~50 Hz	kW/V	3.5/ 400	4.0/ 400	4.0/ 400	5.5/ 400
Dimensions (L x W x H) approx.	mm	1150 x 950 x 2000	1250 x 1015 x 2150	1500 x 975 x 2260	1600 x 1000 x 2500
Weight approx.	kg	295	337	400	480



- Precisely adjustable aluminium parallel fence
- With quick-release clamp and easy-to-read millimetre scale



- High-quality saw band guide



- Flywheels made of grey cast iron with special coating on the running surfaces



- Eccentric quick-clamping lever
- The set belt tension is not changed in the process

Band saw blades for wood

L x W x Thickness	tpi (teeth per inch)	Art. No.
4,100 x 10 x 0.5 mm	4	5169110
4,100 x 16 x 0.5 mm	4	5169116
4,100 x 20 x 0.5 mm	4	5169120
4,100 x 30 x 0.6 mm	3	5169130
for HBS 613 S		
4,590 x 10 x 0.5 mm	4	5169210
4,590 x 16 x 0.6 mm	3	5169216
4,590 x 20 x 0.7 mm	3	5169220
4,590 x 30 x 0.7 mm	3	5169230
HBS 713 S		
5,020 x 10 x 0.6 mm	4	5169310
5,020 x 16 x 0.6 mm	3	5169316
5,020 x 20 x 0.7 mm	3	5169320
5,020 x 25 x 0.8 mm	2	5169325
5,020 x 30 x 0.8 mm	3	5169330
HBS 813 S		
5,611 x 10 x 0,6 mm	4	5169410
5,611 x 16 x 0,7 mm	4	5169416
5,611 x 20 x 0,7 mm	3	5169420
5,611 x 25 x 0,9 mm	3	5169425
5,611 x 32 x 0,9 mm	2	5169432

²⁾ For safety reasons, a stop must be fitted above 20° to prevent the wood from slipping.

HBS 540 AS - HBS 940 AS series

Precision wood band saws for professionals with maximum cutting performance and many equipment options

- ▶ Particularly heavy design with high dead weight for maximum running smoothness
- ▶ Particularly smooth and precise running thanks to a torsion-free machine housing
- ▶ Large cast iron parallel fence with round rod guide, easy to move
- ▶ Cast flywheels with rubber coating and chip scraper brush
- ▶ Large swivelling grey cast iron saw table with ground and polished surface.
- ▶ Precise cutting height adjustment via toothed rack with millimetre scale
- ▶ Doors secured by limit switches
- ▶ Self-braking motor
- ▶ Two suction nozzles



· High-quality saw band guide



HBS 740 AS

Accessory



1 Chassis



2 Mitre fence:

More powerful motors as an option on request available!



3 Circular cutting device

Accessory	Art. No.
1 Chassis HBS 540 AS / 640 AS	5161048
2 Mitre fence:	
small, HBS 540 AS - 740 AS	5161045
small, HBS 840 - 940 AS	5161080
big, HBS 540 AS - 740 AS	5161046
big, HBS 840 - 940 AS	5161081
3 Circular cutting and grinding device:	
for HBS 540 AS - 740 AS	5161047
for HBS 840 - 940 AS	5161082

Band saw blades for	L x W x Thickness	tpi (teeth per inch)	Art. No.
HBS 540 AS	4250 x 20 x 0.6 mm	3	5160541
HBS 640 AS	4780 x 25 x 0.6 mm	3	5160641
HBS 740 AS	5400 x 25 x 0.7 mm	3	5160741
HBS 840 AS	6090 x 30 x 0.7 mm	3	5160841
HBS 940 AS	6690 x 30 x 0.8 mm	3	5160941

Technical data		HBS 540 AS	HBS 640 AS	HBS 740 AS	HBS 840 AS	HBS 940 AS
Art. No.		5152154	5152164	5152174	5152184	5152194
Table dimensions (L x W x H)	mm	720 x 520 x 860	870 x 620 x 840	1000 x 720 x 980	1160 x 820 x 1020	1300 x 820 x 1060
Cutting speeds	m/min	1650	1660	1570	1560	1620
Flywheel Ø	mm	540	640	740	840	940
Cutting height 90° max.	mm	350	400	450	520	560
Cutting width max.	mm	520	620	720	820	910
Saw band length	mm	4260	4780	5400	6090	6690
Saw blade thickness min./max.	mm	0.5 / 0.6	0.5 / 0.6	0.6 / 0.7	0.7 / 0.8	0.8 / 0.9
Saw table inclination	°	0 - 20	0 - 15	0 - 15	0 - 15	0 - 15
Motor power ~50 Hz	kW/V	1.5 / 400	2.2 / 400	3 / 400	5.5 / 400	5.5 / 400
Dimensions (L x W x H) approx.	mm	870 x 620 x 1970	1050 x 720 x 2180	1180 x 820 x 2430	1410 x 920 x 2650	1550 x 920 x 2900
Weight approx.	kg	240	300	414	730	860

Note: Table, motor and switch must be assembled on site

HBS 533 S / HBS 633 S

Precision wood band saws in heavy-duty design with saw blade quick clamping system for professional users

- ▶ Heavy-duty professional version with high dead weight for maximum running smoothness
- ▶ Particularly smooth and precise running thanks to a torsion-free machine housing
- ▶ Large one-piece grey cast iron saw table, swivelling with ground and polished surface
- ▶ Patented table tilting device with handwheel and toothed rack
- ▶ Saw blade quick clamping
- ▶ Precision band saw blade roller guide
- ▶ Fast and precise cutting height adjustment via handwheel and gear rack with millimetre scale
- ▶ Safety switch for automatic switch-off switch-off when the door is opened
- ▶ With angle stop as standard



HBS 533 S



HBS 633 S



Technical data		HBS 533 S (IE3)	HBS 633 S (IE3)
Art. No.		5150054	5150063
Table dimensions (L x W x H)	mm	750 x 530 x 900	830 x 600 x 830
Cutting speeds	m/min	1400	1615
Flywheel Ø	mm	530	630
Cutting height max.	mm	350	400
Cutting width max. without stop	mm	465 / 510	570 / 610
Saw band length	mm	4190	4600
Precision guidance		top / bottom	
Saw table inclination ²⁾	°	0 – 45	
Suction nozzle Ø	mm	2 x 120	
Motor power ~50 Hz	kW/V	4.1 / 400	
Weight approx.	kg	285	378
Dimensions (L x W x H) approx.	mm	998 x 800 x 1987	1190 x 820 x 2063

Band saw blades for 533 S (IE3)

Length x width x thickness	Tpi	Art. No.
Wood 4190 x 10 x 0.5 mm	4	5160535
Wood 4190 x 16 x 0.5 mm	4	5160536
Wood 4190 x 20 x 0.5 mm	4	5160537
Wood 4190 x 25 x 0.5 mm	4	5160538

Band saw blades for HBS 633 S (IE3)

Length x width x thickness	Tpi	Art. No.
Wood 4600 x 10 x 0.5 mm	4	5160631
Wood 4600 x 16 x 0.5 mm	4	5160632
Wood 4600 x 20 x 0.5 mm	4	5160633
Wood 4600 x 25 x 0.5 mm	4	5160634
Wood 4600 x 30 x 0.6 mm	3	5160635

HOLZKRAFT band saw sets

Accessory	Art. No.
HBS 533S (IE3)	5160540
Uni 4,190 x 10 x 0.5 mm; Tpi 4	
Uni 4,190 x 20 x 0.5 mm; Tpi 4	
Uni 4,190 x 25 x 0.5 mm; Tpi 4	
HBS 633 S (IE3)	5160636
Uni 4,600 x 10 x 0.5 mm; Tpi 4	
Uni 4,600 x 20 x 0.5 mm; Tpi 4	
Uni 4,600 x 25 x 0.5 mm; Tpi 4	

²⁾ For safety reasons, a stop must be fitted above 20° to prevent the wood from slipping.

- Inspection window for checking of the saw blade run

- Flywheels made of grey cast iron with special coating on the running surfaces

Quick clamping system

- Eccentric quick-clamping lever
- The basic tension setting is not changed
- With integrated saw blade tension indicator



HBS 633 S

HBS 633 S

Vibration damper machine foot SE 1

- The machines and equipment can be installed without anchors and levelled using the height adjustment system.
- Smooth running of the machine is improved by effective shock and vibration damping
- Load: max. 500 kg, thread: M 12, dimension: Ø/H/L 120/32/100 mm



Patented professional saw table guide

- The heavy, solid grey cast iron saw table is easily and conveniently adjusted via a handwheel rack and pinion guide
- Inclination infinitely variable from 0° to 45° adjustable

Laser device

- With laser device as standard for fast and precise display of the cutting line



Rip fence

- Sturdy rip fence made of grey cast iron
- With quick-release clamp and easy-to-read millimetre scale



Top precision guide

- High-quality saw band guide
- With fine adjustment



Precision guide at the bottom

- The lower saw band guide is also equipped with precision guide rollers and fine adjustment.



Saw blade tension

- Saw blade tension display integrated in the machine frame for different saw blade widths.
- Easy to read from the operator side



Double rocker mount

- The grey cast iron saw table is mounted on a double rocker support.
- Quick and easy fixing of the set tilt angle via quick clamping



Angle stop

- With angle stop as standard
- Infinitely adjustable from -60° bis +60°
- Grid points at 0°, -45° and +45°



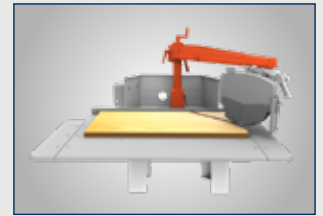
RAS 55 / RAS 90 / RAS 90 H

Radial arm saws for cross-cutting and mitre cuts

- ▶ For long cutting lengths, e.g. in kitchen construction or for floorboards
 - ▶ Small space requirement and versatile in use
 - ▶ Quick changeover between double mitre cuts or cutting to length
 - ▶ Robust swivel arm made of cast iron with interchangeable square guides
 - ▶ Travelling saw unit with return spring
 - ▶ Saw unit can be swivelled on one side by 45°
 - ▶ Motor with mechanical brake
- ▶ Roller conveyor for both sides and cutting line laser available as accessories

RAS 90 H

- ▶ Saw blade with a large diameter of 565 mm and chip limiter
- ▶ Convenient height adjustment of the saw arm via handwheel on the underside of the table

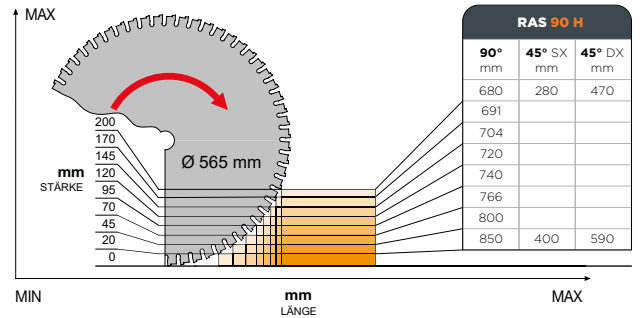
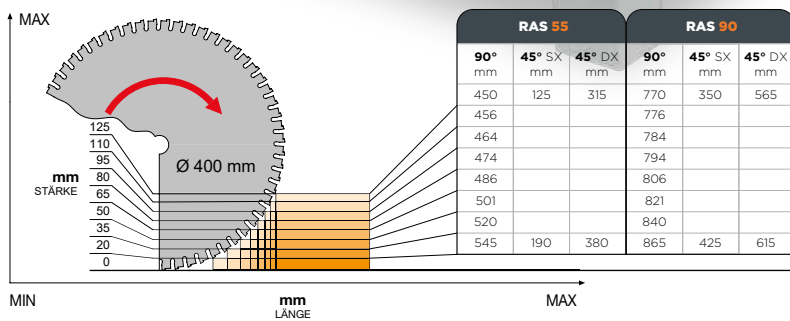


- Arm can be swivelled 45° to the left and right
- Robust swivel arm made of cast iron with interchangeable square guides



- Saw unit can be swivelled 45° to the left

Accessories RAS 90	Article No.
Widia saw blade Ø 400 x 4 x 30 mm Z 60	5660001



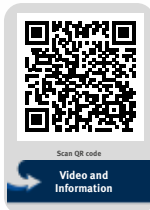
Model		RAS 55	RAS 90	RAS 90 H
Art. No.		5650055	5650090	5650190
Table (LxWxH)	mm	1690 x 1155 x 800	1970 x 1285 x 800	1970 x 1285 x 800
Saw blade Ø	mm	400	400	565
Saw blade inclination	°	-45	-45	-45
Saw arm swivelling angle	°	+/- 45	+/- 45	+/- 45
Cutting height 45° max.	mm	125 x 125	350 x 125	280 x 200
Cutting height -45° max.	mm	315 x 125	565 x 125	470 x 200
Cross cut max.	mm	545 x 20	865 x 20	850 x 20
Cutting height 0°/45° max.	mm	125/80	125/80	200/135
Motor power~50 Hz	kW/V	3 / 400	3 / 400	5.5 / 400
Dimensions (L x W x H) approx.	mm	1690 x 1560 x 1580	1970 x 1740 x 1720	1970 x 1740 x 1720
Weight approx.	kg	220	298	362

Roller conveyor accessories see main catalogue or under www.stuermer-maschinen.de Roller conveyors can be customised

KGZ 2540 Vario / KGZ 3050 Vario

Chop/mitre saws with pull function. Mobile and versatile, designed for precision and safety

- ▶ Equipped with soft start
 - ▶ Infinitely variable speed
 - ▶ Base plate and turntable made of die-cast aluminium: compact, robust and easy to transport at the same time
 - ▶ Grid pitches in the turntable
 - ▶ With 31.6° grid spacing especially for cutting ceiling mouldings
 - ▶ Double slope and mitre
 - ▶ Extension of the workpiece support on both sides with folding stops for repeatable work
- ▶ Chip collection bag
 - ▶ Quick and easy saw blade change
 - ▶ Fine adjustment of angle
 - ▶ Adjustable and high workpiece stops made of aluminium
 - ▶ Screw clamp for secure workpiece locking
 - ▶ Also suitable for cutting cornice profiles



KGZ 2540 Vario



KGZ 3050 Vario
Hinged stops for series work



• Space-saving thanks to rigid tension guides



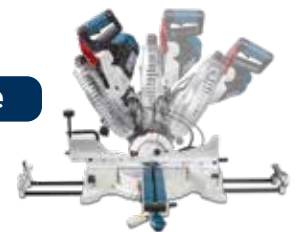
• Extendable stop rails and extendable table

Scope of delivery:

- Material clamp
- Chip collection bag
- Tools
- KGZ 2540 Vario: Carbide saw blade 250 x 3.2 x 2.2 x 30mm, Z60
- KGZ 3050 Vario: Carbide saw blade 305 x 2.6 x 1.8 x 30mm, Z60
- Adapter suction nozzle 37mm

Double slope

With double slope and double mitre as standard



Technical data		KGZ 2540 Vario	KGZ 3050 Vario
Art. No.		5701254	5701315
Cutting capacities with inclination / mitre (height x width)			
at 0°/0°	mm	89 x 292	100 x 305
at 45°/0° left/right	mm	41 x 318 / 25 x 318	64 x 305 / 44 x 305
at 0°/45° left/right	mm	64 x 222	100 x 215
Saw blade speed	min ⁻¹	2,000 – 4,000	2,000 – 4,000
Saw blade Ø max.	mm	254	305
Motor power ~50 Hz	kW/V	1.6 / 230	1.6 / 230
Dimensions (L x W x H) approx.	mm	595 x 825 x 696	595 x 800 x 710
Weight approx.	kg	21.6	23

Accessories	Art. No.
Carbide saw blade for solid wood and panel materials	
Ø250 x 3.2 x 2.2 x 30 mm, Z60 WZ	5262510
Ø305 x 2.6 x 1.8 x 30 mm, Z60 WZ	5260306
Carbide saw blade for non-ferrous metals and plastic profiles	
Ø250 x 3.2 x 2.5 x 30 mm, Z60 TF	5262511
Ø305 x 2.6 x 1.8 x 30 mm, Z60 TF	5260310
Universal work table UWT 3200	5900020

UWT 3200

Universal workbench with quick clamping system

- ▶ Can be used universally as a material stand or support frame
- ▶ Space-saving thanks to retractable feet
- ▶ Clamping bars with quick fastening
- ▶ Infinitely extendable on both sides support arms up to max. 2400 mm
- ▶ Sturdy aluminium-steel construction
- ▶ High load capacity up to 225 kg



Illustration shows KGZ 2540 Vario with optional accessory clamping rail set (Art.no.: 5900022)

Fig. shows application. Ideal for cutting long workpieces to length. Conversion is quick and easy with quick clamping

Technical data		UWT 3200
Art. No.		5900020
Height of support min./max.	mm	850 / 1000
Width max.	mm	2400
Dimensions (L x W x H) approx.	mm	1600 x 600 x 850
Weight approx.	kg	30

Accessories	Art. No.
1 support rail	5190021
2 Work light on clamping rail	5900023
3 Vice with quick clamping	5900024
4 Additional Clamp rail set (2 pcs.)	5900022
5 Additional Roller trestle set (2 pcs.)	5900025
6 Eccentric clamp with clamping bolt	5195009
7 Position bracket with clamping bolt	5195010
8 Horizontal tensioner with clamping bolt	5195011
9 Vertical tensioner with clamping bolt	5195012



BKS 500

Robust construction site circular saw circular saw for the daily demands of extreme construction site use

- ▶ Optimum user safety thanks to the pendulum safety guard - fulfilment of the strictest requirements and BG approval
- ▶ Transparent protective cover for an optimum view of the cutting line
- ▶ Angle-adjustable cross-cutting device with wedge cutting gauge on round bar guided by maintenance-free slide bearings
- ▶ Aluminium rip fence with high and flat contact edge enables the trimming of boards, separating cuts, bevel and angle cuts
- ▶ Fold-down table extension for long workpieces

- ▶ Consistent cutting precision of the highest quality thanks to powerful motor

Equipment

- ▶ Pendulum safety cover, transparent
- ▶ Sturdy, foldable tubular frame, galvanised and powder-coated
- ▶ Large, non-slip rubber foot plates
- ▶ Angle-adjustable cross-cutting device with wedge cutting gauge, can be folded down

- ▶ Aluminium parallel fence with high and flat contact edge
- ▶ Large lifting eyes
- ▶ Phase inverter
- ▶ Brackets for aluminium rip fence and assembly tool

▶ Pendulum safety guard complies with the latest safety standards

Scope of delivery:

- Carbide saw blade Ø 500 mm Z44
- Push stick
- Push handle
- Tool for changing the saw blade

Technical data		BKS 500
Art. No.		5740500
Table dimensions (L x W x H)	mm	1000 x 660 x 850
Saw blade Ø max.	mm	500
Cutting height 90° max.	mm	150
Cutting width with longitudinal stop	mm	370
Cutting depth before saw blade with cross-cutting gauge	mm	250
Main saw blade speed	min ⁻¹	2800
Sound power level at idle	dB(A)	103
Drive motor protection class	IP	54
Suction nozzle Ø	mm	50/ 95
Motor power~50 Hz	kW/V	4.2/ 400
Dimensions (Lx W x H) approx.	mm	1870 x 810 x 1170
Weight approx.	kg	103



Folding table extension 800 x 400 mm

Accessories	Art. No.
Carbide saw blade Ø 500 mm Z44	5740505

TKS-Z 400

Carpentry table saw ideal for rip, cross-cut and mitre cuts on large wooden beams

- ▶ Saw blade can be swivelled up to 45° and rotated by up to 90°
- ▶ Suitable for creating valley and hip rafters as well as eaves and wedge planks
- ▶ Chassis and hand lever make transport easier
- ▶ Saw blade guard with suction connection
- ▶ Sliding carriage



Scan QR code

Video and Information

Scope of delivery:

- HM- Saw blade 400 x 4.0 x 30 mm , Z 28
- Riving knife 3.8 mm
- Riving knife 2.8 mm
- Sliding carriage with mitre fence
- Push stick
- Operating tool

Technical data		TKS-Z 400
Art. No.		5741400
Table dimensions(L x W x H)	mm	945 x 715 x 845
Main saw blade Ø	mm	400
Sliding carriage dimensions (LxWxH)	mm	560 x 140 x 40
Cutting width with rip fence	mm	640
Cutting width to the left of the saw blade max.	mm	410
Inclination of the saw blade	°	90 – 45
Cutting height 90° / 45° max.	mm	120 / 90
Saw blade projection 90° / 45° max.	mm	120 / 90
Main saw blade speed	mm	2800
Suction nozzle Ø	mm	100
Saw blade guard suction nozzle Ø	mm	100
Motor power ~50 Hz	kW/V	2.2 / 400
Dimensions (L x W x H) approx.	mm	1350 x 1100 x 1180
Weight approx.	kg	131



▶ Saw blade swivelling up to 45° and rotation up to 90°



Cantilever set

Accessories	Art. No.
Cantilever set	5741404
Carbide saw blade Ø 400 x 30 x 4 mm Z28	5741405
Saw blade Ø 400 x 30 x 3.5 mm Z36	5264036
Saw blade Ø 400 x 30 x 3.5 mm Z96	5264096
Protractor WM 90-4	5910094

LLB series

Professional slot drilling machines for drilling and milling

- ▶ Simple operation via one-hand lever for fast and precise work
 - ▶ Drill head mounted on hardened prismatic guides with ball contact system
 - ▶ Height adjustment of the drill head via handwheel with numerical display
 - ▶ Manual eccentric clamp
 - ▶ Robust steel grey cast iron construction
- ▶ Powerful motor
 - ▶ Dowel drilling device with grid spacing 16 / 22 / 27 / 32
 - ▶ Clamping stops allow the drill head run to be adjusted quickly and easily

- > Simple one-hand lever operation
- > Dowel drilling device
- > Height-adjustable drill head

- > Work table can be rotated by $\pm 60^\circ$
- > Simple one-hand lever operation
- > Dowel drilling device
- > Height-adjustable drill head



Fig.: LLB 30 shows ③ optional angle stop



Fig.: LLB 40DL shows ④ optional angle stop



- Simple and precise height adjustment via handwheel and numerical display



- Dowel drilling device with grid spacing 16 / 22 / 25 / 32

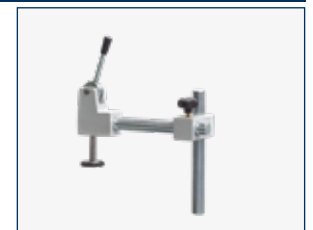


- LLB 40 DL with work table rotatable by 60 degrees on both sides

Accessories and equipment options



① Pneumatic eccentric clamp



② Eccentric clamp
• Manual

Technical data		LLB 30	LLB 40 DT
Art. No.		5320030	5320040
Work table (L x W)		580 x 300	565 x 315
Drilling width	mm	250	240
Drilling depth max. at 90°	mm	170	180
Drill head height adjustment	mm	200	160
Tool holder		Wescott drill chuck	Wescott drill chuck
Clamping diameter of the tool	mm	0 – 20	0 – 20
Spindle speeds	mm	2800	3000
Suction nozzle diameter	mm	70	90
Motor power ~50 Hz	kW/V	2.2 / 400	2.2 / 400
Dimensions (L x W x H) approx.	mm	1500 x 920 x 1400	1290 x 980 x 1270
Weight approx.	kg	160	260

Equipment option (only ex works) LLB 30	Art. No.
① Pneumatic eccentric clamp	5330035

Accessories LLB 30	Art. No.
② Second manual eccentric clamp	5330030
③ Angle stop with scale +/- 45°	5330031
Chassis	5330032

Accessories LLB 40 DT	Art. No.
④ Angle stop with scale +/- 45°	5330040
Extra eccentric clamp with screw	5330041
Chassis	5330042
Pneumatic workpiece clamping	5330043

KAG 4

Mobile edge bander with digital temperature control and infinitely variable feed speed control

- ▶ Ideal for mobile use in the workshop, at assembly sites, trade fairs, etc.
- ▶ For use with moulded parts and straight workpieces
- ▶ Quick and easy set-up
- ▶ Digital temperature control and stepless regulation of the feed speed
- ▶ Minimum inner radius of the workpiece is 25 mm
- ▶ The edges can be pre-glued for corner joints
- ▶ Hot melt adhesive basin
- ▶ Very short warm-up time - Very good thermal insulation



Optional accessories STA 80
(Art. no.: 5410013)



Scope of delivery:

- 1 Edge trimming device KKG 30
- 2 Hot melt adhesive
- 3 Edge milling cutter KF 6
- 4 Vacuum clamping set VK 1

Technical data		KAG 4
Art. No.		5400041
Edge thickness	mm	0.4 - 3.0
Edge height	mm	10 - 65
Feed speed	m/min	2 - 6
Glue basin capacity	ml	400
Operating temperature (2 stages)	°C	120 - 200 / 80 - 155
Motor power ~50 Hz	W/V	855 / 230
Dimensions (L x W x H) approx.	mm	250 x 190 x 350
Weight approx.	kg	8.8

Accessories	Art. No.
Edge milling cutter KF 6 Edge thickness 0.5 - 3 mm Shank Ø tool 6 mm Power 450 W / 230 V ~50 Hz	5410010
Edge trimmer KKG 30 for straight workpieces and moulded parts	5410011
Stationary table STA 80 with support plate for edges and snipping device	5410013

ASA Series

Raw air extraction units with chassis

- ▶ For milling, planing and sawdust (no dust)
- ▶ Highest suction and air performance
- ▶ Significantly reduced dust content thanks to BIA-tested filter material with high separation efficiency
- ▶ Extraction units comply with dust class L
- ▶ Housing parts and impellers made of high-strength special plastic
- ▶ Quick-release fasteners for filters and chip bags for easy maintenance
- ▶ Robust, high-quality design
- ▶ Easy to move thanks to swivel rollers
- ▶ Lower power consumption

Scope of delivery:

- System body with mounted fan unit
- Filter bag / suction unit
- Chip bag / suction unit
- Without suction hose



ASA 141

ASA 163

ASA 203

Accessories

- 1 **Fine dust filter cartridge**
 - Retains the finest particles
 - High air flow rate, large filter surface
 - Higher tear resistance and therefore longer service life



Technical data		ASA 141	ASA 143	ASA 163	ASA 203
Art. No.		5120141	5120143	5120163	5120203
Suction nozzle Ø	mm	140		160	200
Nominal volume flow	m³/h	1650		2200	2500
Negative pressure	Pa	1750		2500	2700
Filter area	m²	2.2		2.2	2.2
Max. sound pressure level	dB	78		83	84
Chip collection volume	l	175		175	175
Height with filter cartridge	mm	2325		2325	2325
Motor power ~50 Hz	kW/V	1.1 / 230	0.75 / 400	1.5 / 400	2.2 / 400
Dimensions (L x W x H) approx.	mm	1062 x 648 x 2300		1096 x 648 x 2300	1061 x 577 x 2300
Weight approx.	kg	52	53	53	60

Accessories	Art. No.
Filter bag 525 x 1,000 mm Cat. L	5126004
ASA 141 & 203	
PVC chip bag Ø 525 x 1300 mm (20 pcs.)	5126005
1 Fine dust filter cartridge Cat. M ASA 141-203	5120145
Reducing piece 125/100 mm	5147612
Reducing piece 140/100 mm	5147614
Reducing piece 160/100 mm	5147616
Reducing piece 200/100 mm	5147620

ASA Series

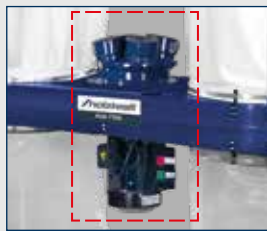
- ▶ For milling, planing and sawdust (not suitable for dust)
- ▶ Sturdy metal fan wheel
- ▶ With high-quality running gear as standard for improved stability and easy manoeuvring
- ▶ Quick-release fasteners for filter and chip bag
- ▶ Fine filter bag double woven



ASA 1901



ASA 1903



- Extraction unit can be rotated through 180° to allow extraction from below or above



ASA 2803



ASA 4303



ASA 7703

Accessories	Art. No.	ASA 1901	ASA 1903	ASA 2803	ASA 4303	ASA 7703
Fine filter bag 413 x 1100 mm	5129190	•	•	•		
Fine filter bag 477 x 1200 mm	5129433				•	
Standard filter bag 572 x 1400 mm	5129773					•
Fine filter bag	5129775					•
Holder for fine filter bag (required for ASA 7703 with year of manufacture up to 2022)	5129776					•
Filter cartridge 410 x 600 mm	5129988	•	•	•		
Filter cartridge 410 x 1.000 mm	5129989	•	•	•		
Filter cartridge 510 x 610 mm	5129990				•	
Filter cartridge 510 x 1220 mm	5129991				•	
Filter cartridge 610 x 1,200 mm	5129992					•
Chip bag 650 x 1100 (PU 10)	5129265	•	•	•		
Chip bag 643 x 1300 (PU 10)	5129299					•
Adapter 100 mm / 120 mm	5129996	•	•			
Switch cover for the use of an automatic switch-on	0512819306D	•	•	•	•	•

When purchasing an extraction system with automatic start-up, the ASA switch cover with switch for continuous operation for automatic switch-on (ex works) must also be purchased (for self-assembly).
Art. no. 0512819306D

Scope of delivery ASA 1901/1903:

- Fine filter bag
- Chip bag

Scope of delivery ASA 2803/4303/7703:

- 2 fine filter bags (ASA 7703 standard filter bag)
- 2 chip bags

Technical data		ASA 1901	ASA 1903	ASA 2803	ASA 4303	ASA 7703
Art. No.		5128191	5128193	5128283	5128433	5128773
Volume flow max.	m ³ /h	1900	1900	2800	4300	7700
Negative pressure max.	Pa	1700	1700	1900	2000	2800
Filter area	m ²	1.92	1.92	2 x 1.92	2 x 2.4	2 x 5.98
Chip collection volume	l	110	110	2 x 120	2 x 215	2 x 290
Nominal size outside Suction nozzle inlet	mm	203	203	-	-	260
Nominal size outside, suction nozzle outlet	mm	1 x 100, 1 x 120	1x 100, 1x 120	1 x 100, 2 x 120	2 x 100, 2 x 120	3 x 120, 1 x 100
Motor power ~50 Hz	kW/ V	1.5 / 230	1.5 / 400	2.2 / 400	3.8 / 400	4.8 / 400
Dimensions (L x W x H) approx.	mm	1000 x 5000 x 2100		1500 x 500 x 2100	1700 x 600 x 2400	1900 x 670 x 2800
Weight approx.	kg	39	39	53	69	88

ASA Series

Extraction units with large chip collection volumes in a small space

- ▶ Can also be used universally for plastic, polystyrene, paper, etc.
- ▶ Particularly robust construction
- ▶ Housing made of galvanised sheet steel
- ▶ Paddle wheel fan for increased suction power
- ▶ Double-woven fine filter bag
- ▶ Extraction units comply with dust class L
- ▶ Basic devices are pre-assembled in modular design, resulting in short assembly times

ASA 11- 21 Model

- ▶ Suction unit with plastic impeller

ASA 31- 41 Model

- ▶ Suction unit with metal impeller



Accessories	Art. No.
AFB retrofit kit <u>per tonne</u> for ASA 11-31	5133100
AFB retrofit kit <u>per tonne</u> for ASA 41	5133101

Further accessories in the main catalogue or on www.holzkraft.de

Scope of delivery:

- PVC chip bag
- Without suction hose

- ▶ with filling container

Technical data		ASA 11 ²⁾	ASA 11 AFB	ASA 21 ²⁾	ASA 21 AFB	ASA 31 ³⁾	ASA 31 AFB	ASA 41 ³⁾	ASA 41 AFB
Art. No.		5133110	5133210	5133120	5133220	5133130	5133230	5133140	5133240
Suction nozzle Ø	mm	160		160		200		250	
Volume flow max.	m ³ /h	1800		2300		3300		4300	
Nominal volume flow	m ³ /h	1500		1500		2300		3500	
Negative pressure	Pa	2100		2200		2700		2500	
Filter area	m ²	2.2		2 x 2.2		3 x 2.2		4 x 3.5	
Chip collection volume	l	175 / 136		2 x 175 / 2 x 135		3 x 175 / 3 x 135		4 x 175 / 4 x 135	
Motor power ~50 Hz	kW/V	2.2 / 400		2.2 / 400		3 / 400		4 / 400	
Dimensions (L x W x H) approx.	mm	1149 x 578 x 2115		1817 x 578 x 2115		2493 x 578 x 2115		3416 x 787 x 2754	
Weight approx.	kg	59	74	74	103	98	139	182	238

RLA Series

Professional, tested clean air deduster with 100 % air recirculation for commercial use

- ▶ High-performance pocket filter with special surface coating
- ▶ Large filling container can be extended, enabling smooth and quick replacement of the chip bags

- RLA 1213 M**
- ▶ with automatic filter cleaning system



RLA 1101

Technical data		RLA 1101	RLA 1103	RLA 1213 / RLA 1213 M
Art. No.		5131101	5131103	5131201/ 5131202
Suction nozzle Ø	mm	100	100	120
Max. volume flow rate / nominal volume flow rate	m³/h	790 / 565	790 / 565	1140 / 814
Negative pressure	Pa	2118	2124	2180
Filter area	m²	4.1	4.1	5.1
Chip collection volume	l	135	135	135
Residual dust content	mg/m³	< 0.1	< 0.1	< 0.1
Motor power ~50 Hz	kW/ V	1.1 / 230	1.5 / 400	1.5 / 400
Dimensions (L x W x H) approx.	mm	1178 x 650 x 1973	1178 x 650 x 1973	1178 x 650 x 1973
Weight approx.	kg	114	116	117 / 121

FAG series

Paint mist extraction system for extracting the toxic, harmful mist at painting workstations

- ▶ Ideal for woodworking companies, joineries/ carpentry workshops and the trades in general
- ▶ Easy handling
- ▶ Highly efficient air purification with high separation efficiency
- ▶ Mobile device for use at various locations in the workshop
- ▶ Certified for ATEX Zone 2
- ▶ Long filter service life
- ▶ Delivered ready to plug in



FAG 3/FAG 4

Technical data		FAG 1	FAG 2	FAG 3	FAG 4
Art. No.		5134001	5134002	5134003	5134004
Volume flow min. / max.		- / 4600	3000 / 6800	3000 / 6800	- / 6800
Negative pressure max.	Pa	500	400 / 500	400 / 500	500
Filter area	m²	1.0	1.0	2.0	2.0
Motor speed	min ⁻¹	1445	950 / 1440	950 / 1440	1430
Nominal size outside, suction nozzle outlet	mm	300	300	300	300
Axis suction nozzle to floor	mm	1405	1405	1405	1405
Drive motor ~50 Hz	kW/V	1.5 / 400	0.75 / 2.1 / 400	0.75 / 2.1 / 400	2.2 / 400
Length min./max. approx.	mm	1012 / 1897	1012 / 1897	1912 / 2971	1912 / 2971
Width min./max. approx.	mm	912 / 1135	944 / 1166	944 / 1215	943 / 1215
Height approx.	mm	1405	1405	1405	1405
Weight approx.	kg	125	150	250	270

Accessories	Art. No.
Starter set:	5140010
3 m hose, 2 hose clamps, collar with flange ring, cover flap for outer wall, Ø300mm	
Fine filter for FAG 1 / 2	5140016
Fine filter for FAG 3 / 4	5140017
Volume paper for FAG 1 / 2	5140008
Volume paper for FAG 3 / 4	5140009
Pre-filter for FAG 1 / 2	5140014
Pre-filter for FAG 3 / 4	5140015

Volume paper filter:	
Mounting frame with additional volume paper	
Pre-filter for attaching to the paint mist extraction system	
for FAG 1 / 2	5140012
for FAG 3 / 4	5140013
Suspension device	5140011
for spray gun with automatic compressed air-operated exhaust air control	
Scope of delivery: Stand, mounting bracket	
mounting set	
sprayable Teflon 400 ml	5140018
to protect the sheet metal parts from paint mist, which can then be removed more easily	

LFS series

Ambient air filter system for very fast and continuous cleaning of the air

- ▶ Highly efficient filter process removes particles $>5 \mu\text{m}$ and fine dust particles $>1 \mu\text{m}$
- ▶ Designed to clean the air in workshops and showrooms
- ▶ Ideal supplement to a stationary extraction system without fine filter
- ▶ In larger production areas, the use of several devices directly on the machine or distributed in the room is also recommended
- ▶ Adjustable in three stages
- ▶ Time recording for automatic switch-off
- ▶ Convenient operation via remote control
- ▶ Pre-filter easy to remove and clean



LFS 101-3



LFS 301-3

Technical data		LFS 101-3	LFS 301-3
Art. No.		5127101	5127301
Volume flow rate level Low / Medium / High max.	m ³ /h	595 / 680 / 765	945 / 1035 / 1675
Plate filter category		G4	G4
Internal filter category		F6	F6
Motor power ~50 Hz	W/V	100 / 230	300 / 230
Max. sound pressure level	dB(A)	64	69
Dimensions (L x W x H) approx.	mm	505 x 430 x 260	770 x 610 x 310
Weight approx.	kg	15	25

Scope of delivery LFS 301-3:
· Remote control
· Four eyelets for ceiling mounting
· Four rubber feet

Scope of delivery LFS 101-3:
· Remote control
· Transport handle
· Four eyelets for ceiling mounting
· Four ceiling hooks
· Four chains with hooks
· Four rubber feet

ZAA 2863 AF

Highly efficient and powerful cyclone extraction unit, with two-stage separation system and automatic filter cleaning.

- ▶ Clean exhaust air thanks to dust separation in the cyclone separator and cartridge filter
- ▶ Automatic filter cleaning for consistently high extraction performance
- ▶ Includes remote control and timer function for switching the extraction system on and off
- ▶ Easy emptying of the mobile filling container
- ▶ Only 78 dB

Scope of delivery:
· Filter cartridge 370 x 1,190 mm
· Flexible hose
· Remote control

Technical data		ZAA 2863 AF
Art. No.		5128928
Nominal volume flow	m ³ /h	1760
Negative pressure at nominal volume flow	Pa	2800
Filter area	m ²	4.32
Filter cleaning		automatic
Nominal size outside Suction nozzle inlet	mm	1 x 200, 3 x 100
Tank volume	l	240
Max. sound pressure level	dB(A)	78
Output power ~50 Hz	kW / V	2.4 / 400
Dimensions (L x W x H) approx.	mm	1343 x 900 x 2170
Weight approx.	kg	178



Accessories	Art. No.
① Filter cartridge 370 x 1190 mm	5129005
② Dust bag for filter cartridge	5129006
Chip bag for filling containers (PU 10)	5129007

Automatic start-up for extraction systems

- ▶ When the woodworking machine is switched on, the extraction system starts automatically with a delay of 2-3 seconds, eliminating the need to switch on the extraction system.
- ▶ When the machine is switched off, the extraction system continues to run for approx. 3-4 seconds.
- ▶ The residual dust is extracted after the machine is switched off in accordance with the Hazardous Substances Ordinance..
- ▶ Protection against mains overload when switching on



ALA 10

Technical data	ALA 2	ALA 10
Art. No.	5121503	5121504
Machine connection	230V Schuko	CEE 400V 16A / Schuko 230V
Suction unit connection	230V Schuko	CEE 400V 16A / Schuko 230V
Total connected load max.		400V / 16A / 11 kW
Sockets delayed switching capacity		AC-1: 230V / 400V / 16A AC-3: 230V / 13.5A / 3 kW 400V / 9A / 4 kW

easyswitch - Automatic switch-on for extraction systems

- ▶ As soon as a machine is switched on, EasySwitch switches on your extraction unit. After switching off the last machine, the extraction system runs for approx. 10 seconds to remove the remaining chips from the pipe system.
- ▶ Extremely simple installation, no intervention in the building installation necessary
- ▶ The extraction unit only runs when required (energy saving)
- ▶ Machine room and workroom remain dust-free
- ▶ Preventive health protection
- ▶ Easy to dismantle, simply take with you when you move
- ▶ Developed and manufactured in Germany
- ▶ With integrated manual switch (Auto/O/Manual) for manually switching on the extraction system, e.g. for vacuuming the workshop
- ▶ Incl. slider control for up to 30 radio-controlled electric sliders

Plug it in – done!



Main unit...

... as an adapter plug



- ▶ Up to 30 wireless sensors can be taught in
- ▶ Up to 30 wireless gate valves can be taught in
- ▶ For all models in the ASA and RLA without automatic cleaning, up to 4 kW

Art. no.: 5319100

... for installation



- ▶ In a DIN-rail housing that can be installed directly into the control unit of a clean air unit.
- ▶ Connection via only three wires!
- ▶ For up to 30 wireless sensors and 30 wireless gate valves
- ▶ Also suitable for extraction units over 4 kW with star-delta start-up or with automatic cleaning

Art. no.: 5319101

ATTENTION:

EasySwitch is only compatible with RLA clean air deduster series RLA 1601P/RLA 2001P/RLA 2501P/RLA 3001P

Sensors and accessories	Art. No.
Radio hand-held transmitter to switch on the EasySwitch RADIO main unit manually. Supplied with battery.	5319051
Wireless machine sensor 400 V, 16A	5319013
Wireless machine sensor 400 V, 32A For switch-on detection of a three-phase machine.	5319014
Wireless machine sensor 230 V For switch-on detection of 230V consumers.	5319019
Wireless machine sensor for permanently connected machines In a DIN rail housing, which can be installed directly in the control system of a machine. Switch-on detection via transformer coil or potential-free contact. Supplied incl. transformer coil.	5319102

Sensors and accessories	Art. No.
Wireless electric gate valve Ø 100 - 300 mm A machine sensor switches the main unit on and off wirelessly. The main control unit then controls the desired wireless electric gate valves. It is also very easy to open the bypass flap. For up to 30 wireless sensors and 30 wireless gate valves.	
Wireless electric gate valve Ø 100 mm	5319031
Wireless electric gate valve Ø 120 mm	5319032
Wireless electric gate valve Ø 140 mm	5319033
Wireless electric gate valve Ø 160 mm	5319034
Wireless electric gate valve Ø 200 mm	5319035
Wireless electric gate valve Ø 250 mm	5319036
Wireless electric gate valve Ø 300 mm	5319037

Connection via radio



RLA Series

Clean air deduster tested for economical and convenient air purification

- ▶ For use in workshops with a simultaneity factor of 1-2 machines, from RLA 2501 2-3 machines (depending on the required volume flow) or as a decentralised extraction unit to supplement an existing stationary system
- ▶ Tested by the employers' liability insurance association
- ▶ 100% air recirculation without additional costs and structural effort
- ▶ Ready-to-connect delivery
- ▶ High suction power
- ▶ Control system can be expanded using "plug-in" technology
- ▶ Low costs for pipe components and installation, especially when replacing old and no longer approved systems
- ▶ Integrated pre-separation chamber to reduce the load and protect the filters
- ▶ Compact dimensions, allowing the devices to be installed in previously unused areas



RLA 1601 P



RLA 2001 P

- ▶ Support from Holzkraft in the planning and design of your extraction system, ask your local specialist dealer
- ▶ Extraction systems in special configurations such as air recirculation, additional filter for return air possible
- ▶ Model RLA 3501P with 350 mm suction connection possible on request

**Also for
dry
aluminium
chips
suitable!**



Convince yourself of our performance and ask for an individual consultation!

Technical data		RLA 1601 P	RLA 2001 P	RLA 2501 P	RLA 3001 P
Art. No.		5131612	5132011	5132501	5133001
Suction nozzle	mm	160	200	250	300
Volume flow max.	m ³ /h	2000	3010	4900	6000
Nominal volume flow	m ³ /h	1448	2262	3534	5089
Negative pressure	Pa	2503	2563	3184	2587
Filter area	m ²	9.1	13.8	22.4	30
Residual dust content	mg/m ³	< 0.1	< 0.1	< 0.1	< 0.1
Filter cleaning		Compressed air	Compressed air	Compressed air	Compressed air
Filter category		M	M	M	M
Chip collection volume	l	1 x 165 (241)	2 x 165 (241)	2 x 165 (250)	3 x 165 (250)
Sound pressure level	dB (A)	70	72	71	71
Motor power ~50 Hz	kW/ V	2.2 / 400	3 / 400	7.5 / 400	7.5 / 400
Dimensions (L x W x H) approx.	mm	1716 x 830 x 2050	2296 x 830 x 2050	2351 x 1058 x 2351	3050 x 1000 x 2361
Weight approx.	kg	340	460	758	838

- ▶ Intake side can be ordered with orientation to the left or right, thus also enabling the use of workshop niches
- ▶ For installation in workrooms, the regulations of the wood trade association GS-HM-03 are taken into account

RLA 1601 P / RLA 2001 P:

- ▶ Optimum filter cleaning (during operation) and at standstill after the minimum running time has been added up

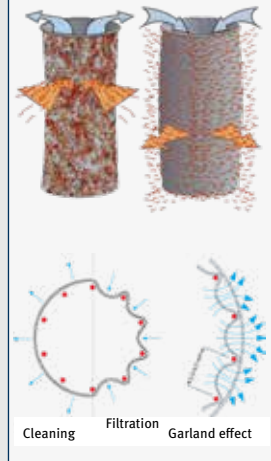
From model RLA 2501 P:

- ▶ Optimum filter cleaning after added time after switching off
- ▶ With integrated, maintenance-free automatic extinguishing system tested to GS-HM-03 with pressurised diaphragm, for which no additional G1/4" compressed air or direct water connection is required



RLA 3001 P

THE OPTI JET® PROCESS



- Cleaning is performed by pressurised air pulses that clean the filter from the inside to the outside. The resulting mechanical deformation of the filters optimises the degree of regeneration in the event of heavy soiling.



All devices in this series are dust-tested to H3, residual dust content below 0.1 mg/m³

Accessories



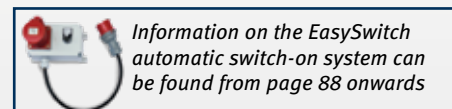
- 1 Pneumatic gate valve
- Electropneumatic gate valve with short response time for shutting off pipelines



- From model RLA 2501 P with integrated automatic extinguishing system tested to GS-HO-07

Accessories	Art. No.
Machine detection for up to 8 machines via transformer coils and automatic gate valve control for up to 8 electro-pneumatic or electric gate valves in 230 V or 24 V incl. external terminal box for independent wall mounting - up to 8 machines	5132403
Machine detection for 8 - 16 processing machines via transformer coils or potential-free contact and automatic gate valve control for eight to 16 electro-pneumatic gate valves; external terminal box for independent wall mounting: - for up to 8 machines / 8 gate valves	5132419
- for up to 12 machines / 12 gate valves	5132420
- for up to 16 machines / 16 gate valves	5132421
External connection box for independent wall mounting	5132418
1 Pneumatic gate valve for Art. no.: 5132417 to 5132421 Required for connecting the pneumatic gate valves 020109282 (T-piece 6mm) 020113523 (hose 6 mm)	
- Ø100 mm 24V	5144131
- Ø120 mm 24V	5144132
- Ø140 mm 24V	5144133
- Ø160 mm 24V	5144134
- Ø180 mm 24V	5144135
- Ø200 mm 24V	5144136
- Ø250 mm 24V	5144137
- Ø300 mm 24V	5144138

Accessories	Art. No.
Level indicator Ultrasonic sensor including signal lamp and 24 V power supply unit, monitors the fill level of a chip container (signal height adjustable on the sensor)	5132416
External connection box for independent wall mounting	5132418
Control with frequency inverter From 2.2 to 7.5 kW, including control panel and plain text display, integrated control circuit with pressure transmitter for demand-based control of the dust collector:	
2.2 kW control for RLA 1601 P	5132422
3.0 kW control unit for RLA 2001 P	5132423
7.5 kW control unit for RLA 2501 P / RLA 3001 P	5132424
Chip bag (PU20)	
- for RLA 1601 P / RLA 2001 P	5126007
- for RLA 2501 P / RLA 3001 P	5126008
Dust bulkhead	
- for RLA 1601 P	5149008
- for RLA 2001 P	5149009
- for RLA 2501 P	5149010
- for RLA 3001 P	5149011
Bypass filter NW 55 x 160 White	
- for RLA 2001 P	5149012



Information on the EasySwitch automatic switch-on system can be found from page 88 onwards

RLA Series

Clean air deduster for wood chips, designed for commercial use



- ▶ Clean air deduster of this series dust-tested to H3, residual dust content less than 0.1 mg/m³
- ▶ Suitable for extracting and separating dry wood and plastic chips (not suitable for fine dust)
- ▶ High extraction performance with low space requirements
- ▶ Maximum performance in this class
- ▶ Commercial use
- ▶ For all woodworking machines with the corresponding suction nozzle Ø
- ▶ Not suitable for wood dust
- ▶ High-quality, well thought-out design

- ▶ Robust and compact housing made of galvanised sheet steel
- ▶ Suction nozzle can be easily converted from left to right for flexible use
- ▶ Large inspection openings
- ▶ Large, mobile chip container with clamping bracket and chip collection bag
- ▶ Deduster already fully assembled on delivery, so can be used quickly
- ▶ Mobile

For model RLA 210:

- ▶ Optimum chip distribution in the chip container due to large filter surface
- ▶ Ultra compact with maximum filter area
- ▶ Filter material made of polyester fleece, aluminised, therefore with a long service life
- ▶ Antistatic filter tested and approved to category M-BIA as standard
- ▶ The fan is connected downstream of the filter



BAFA
FEDERAL OFFICE FOR ECONOMIC AFFAIRS AND EXPORT CONTROL
* only valid in Germany

Module 1 - Cross-sectional technologies Subsidies of up to 40% possible!
Do you have any questions? Would you like personalised advice?
We will be happy to advise you on these products and a specialised dealer in your area!

Accessories (already included in version PM)	Art. No.
Machine detection for up to 8 machines and slide controls	5131257

Basic equipment

- Metal fan wheel
- Inspection opening for cleaning the bypass filter
- Manual dedusting

	RLA 125	RLA 140	RLA 160	RLA 210
Art. No.	5131255	5131400	5131620	5132100

Additional equipment version M

- Pre-equipped for connection of optionally available detection for up to 8 machines and 8 slide controls

	RLA 125M	RLA 140M	RLA 160M	RLA 210M
Art. No.	5131256	5131401	5131621	5132105

Additional equipment version PM

- Pre-equipped for connection of optionally available detection for up to 8 machines and 8 slide controls
- Pneumatic cleaning

	RLA 125PM	RLA 140PM	RLA 160PM	RLA 210PM
Art. No.	5131257	5131402	5131622	5132110

Technical data		RLA 125	RLA 140	RLA 160	RLA 210
Nominal suction nozzle size outside	mm	125	140	160	200
Nominal volume flow	m ³ /h	884	1108	1448	2262
Volume flow max.	m ³ /h	1400	1750	2400	3700
Negative pressure at V _{nenn}	Pa	2210	2615	2247	2482
Filter area	m ²	5.31	8.5	9.21	22
Filter material		Dust class M	Dust class M	Dust class M	Dust class M
Residual dust content	mg/m ³	H3 (< 0,1)	H3 (< 0,1)	H3 (< 0,1)	H3 (< 0,1)
Chip collection volume	l	1 x 165 (239)	1 x 165 (239)	2 x 165 (193)	2 x 165 (193)
Max. sound pressure level	dB(A)	71	71	73	72
Axis suction nozzle to floor	mm	810	850	827	826
Motor power IE3 ~50 Hz	kW/ V	2.2 / 400	2.2 / 400	2.2 / 400	3 / 400
Dimensions (L x W x H) approx.	mm	1100 x 830 x 1600	1100 x 830 x 1750	1616 x 830 x 1653	1717 x 830 x 1800
Weight approx. - / M / PM	kg	205 / 206 / 210	210 / 219 / 221	280 / 287 / 268	259 / 238 / 290

Pipe clamps for flared pipes
pipes with M8 x 25 screws

Pipe clamps	Art. No.
Ø 58 mm	5143006
Ø 80 mm	5143008
Ø 100 mm	5143010
Ø 120 mm	5143012
Ø 140 mm	5143014
Ø 160 mm	5143016
Ø 200 mm	5143020
Ø 250 mm	5143025
Ø 300 mm	5143030

Pipe clamp with quick-release fastener & internal sealing tape

Pipe clamps	Art. No.
Ø 80 mm	5144008
Ø 100 mm	5144010
Ø 120 mm	5144012
Ø 140 mm	5144014
Ø 160 mm	5144016
Ø 180 mm	5144018
Ø 200 mm	5144020
Ø 250 mm	5144025
Ø 300 mm	5144030

Pipe clamps for wall mounting
for flared pipes + screws M8 x 25

Pipe clamps	Art. No.
Ø 80 mm	5143280
Ø 100 mm	5143210
Ø 120 mm	5143212
Ø 140 mm	5143214
Ø 160 mm	5143216
Ø 180 mm	5143218
Ø 200 mm	5143220
Ø 250 mm	5143225
Ø 300 mm	5143230

Sealing tape for pipe clamps

Terostat VII	Art. No.
5.0 mm /length: 96 m	5143501
5.0 mm / per metre*	
*Minimum quantity 6 m (6 strips on tape!)	
1 m tape = 6 m sealing tape	
16 m tape = 96 m sealing tape = 1 roll)	

Bow 45° galvanised,
flared on both sides

Bow 45°	Art. No.
Ø 80 mm	5143480
Ø 100 mm	5143410
Ø 120 mm	5143412
Ø 140 mm	5143414
Ø 160 mm	5143416
Ø 180 mm	5143418
Ø 200 mm	5143420
Ø 250 mm	5143425
Ø 300 mm	5143430

Bow 90° galvanised,
flared on both sides

Bow 90°	Art. No.
Ø 80 mm	5143980
Ø 100 mm	5143910
Ø 120 mm	5143912
Ø 140 mm	5143914
Ø 160 mm	5143916
Ø 180 mm	5143918
Ø 200 mm	5143920
Ø 250 mm	5143925
Ø 300 mm	5143930

Galvanised steel tubes,
flanged on both sides,
length: 500 mm

Steel tubes	Art. No.
Ø 80 mm	5143380
Ø 100 mm	5143310
Ø 120 mm	5143312
Ø 140 mm	5143314
Ø 160 mm	5143316
Ø 180 mm	5143318
Ø 200 mm	5143320
Ø 250 mm	5143325
Ø 300 mm	5143330

Y shape tube piece
flanged on all sides

Y shape tube piece	Art. No.
Ø 120/80/80 mm	5147735
Ø 250/140/140 mm	5147736

Galvanised steel tubes, flanged
on both sides,length: 1500 mm

Steel tubes	Art. No.
Ø 80 mm	5143180
Ø 100 mm	5143110
Ø 120 mm	5143112
Ø 140 mm	5143114
Ø 160 mm	5143116
Ø 180 mm	5143118
Ø 200 mm	5143120
Ø 250 mm	5143125
Ø 300 mm	5143130



Reducing clutch	Art. No.
50 / 80 mm	5148010
100 / 120 mm	5148015
120 / 140 mm	5148020

Mounting perforated tape	Art. No.
50 m	5143500



Straight Quick coupling	Art. No.
80 / 80 mm	5148040
100 / 100 mm	5148045
120 / 120 mm	5148050
140 / 140 mm	5148055



Junction piece 45° (A/B/C)	Art. No.
Ø 120/120/60 mm	5143700
Ø 120/120/80 mm	5143701
Ø 140/120/58 mm	5143702
Ø 140/120/60 mm	5143710
Ø 160/120/58 mm	5143704
Ø 160/120/60 mm	5143707
Ø 160/120/80 mm	5143703
Ø 160/120/120 mm	5143705
Ø 160/160/80 mm	5143708
Ø 160/160/100 mm	5143721
Ø 160/160/120 mm	5143720
Ø 180/120/120 mm	5143717
Ø 200/200/120 mm	5143709
Ø 200/200/140 mm	5143719
Ø 200/200/160 mm	5143706
Ø 200/200/180 mm	5143718
Ø 250/250/160 mm	5143634
Ø 250/250/200 mm	5143632
Ø 300/300/160 mm	5143633
Ø 300/300/200 mm	5143631



Y shape tube piece
flanged on all sides

Branch-off piece	Art. No.
Ø 80 mm	5143680
Ø 100 mm	5143610
Ø 120 mm	5143612
Ø 140 mm	5143614
Ø 160 mm	5143616
Ø 200 mm	5143620
Ø 250 mm	5143625
Ø 300 mm	5143630



Hose fittings
crimped on one side

Connection pieces	Art. No.
Ø 58 mm	5145058
Ø 80 mm	5145080
Ø 100 mm	5145010
Ø 120 mm	5145012
Ø 140 mm	5145014
Ø 160 mm	5145016
Ø 180 mm	5145018
Ø 200 mm	5145020
Ø 248 mm	5145021
Ø 298 mm	5145022



Hose fittings

connection piece	Art. No.
Ø 248 mm	5142417



Reducers
flanged on both sides

Reducers	Art. No.
Ø 80 / 58 mm	5147380
Ø 100 / 80 mm	5147310
Ø 120 / 80 mm	5147312
Ø 120 / 100 mm	5147410
Ø 140 / 120 mm	5147412
Ø 160 / 140 mm	5147414
Ø 160 / 120 mm	5147416
Ø 180 / 160 mm	5147418
Ø 200 / 160 mm	5147420
Ø 200 / 180 mm	5147421
Ø 250 / 200 mm	5147425
Ø 300 / 250 mm	5147530

Dummy lid	Art. No.
Ø 120 mm	5147741
Ø 140 mm	5147742
Ø 160 mm	5147743
Ø 200 mm	5147744
Ø 250 mm	5147745
Ø 300 mm	5147746



Machine connector
straight, not flanged, internal diameter

Reducing sleeve	Art. No.
Ø 80/60 mm	5142426
Ø 100/60 mm	5142427
Ø 100/80 mm	5142421
Ø 120/100 mm	5142424
Ø 140/120 mm	5142425
Ø 150/100 mm	5142422

Machine connector
straight, narrow (E) flanged, inner diameter

Reducing sleeve	Art. No.
Ø 60/E 35 mm	5147379
Ø 80/ E 60 mm	5147381
Ø 100/ E 60 mm	5147382
Ø 125/ E 120 mm	5145212
Ø 160/ E 150 mm	5145215
Ø 200/ E 180 mm	5145218
Ø 220/ E 200 mm	5145220

Connecting pieces	Art. No.
Ø 100/100 mm	5142430
Ø 120/120 mm	5142431



Polyurethane flexible hose,
transparent with spiral

Polyurethane flexible hose	Nominal diameter	Length	Art. No.
Ø 40 mm		2.5 m	5142500-2.5
		5 m	5142500-5
		10 m	5142500
Ø 60 mm		2.5 m	5142501-2.5
		5 m	5142501-5
		10 m	5142501
Ø 80 mm		2.5 m	5142502-2.5
		5 m	5142502-5
		10 m	5142502
Ø 100 mm		2.5 m	5142503-2.5
		5 m	5142503-5
		10 m	5142503
Ø 120 mm		2.5 m	5142504-2.5
		5 m	5142504-5
		10 m	5142504
Ø 125 mm		2.5 m	5142509-2.5
		5 m	5142509-5
		10 m	5142509
Ø 140 mm		2.5 m	5142505-2.5
		5 m	5142505-5
		10 m	5142505
Ø 150 mm		2.5 m	5142506-2.5
		5 m	5142506-5
		10 m	5142506
Ø 160 mm		2.5 m	5142507-2.5
		5 m	5142507-5
		10 m	5142507

Ø 180 mm	2.5 m	5142511-2.5
	5 m	5142511-5
	10 m	5142511
Ø 200 mm	2.5 m	5142508-2.5
	5 m	5142508-5
	10 m	5142508
Ø 250 mm	2.5 m	5142514-2.5
	5 m	5142514-5
	10 m	5142514
Ø 300 mm	2.5 m	5142515-2.5
	5 m	5142515-5
	10 m	5142515

Hose adapter set

Adapter	Art. No.
Adapter Ø 100->70 mm	
Adapter Ø 63->45 mm	5930905
Adapter Ø 41->39 mm	
Adapter Ø 36->34.5 mm	

Hose clamps

Hose clamps	Art. No.
Ø 32 – 50 mm	5142450
Ø 40 – 60 mm	5142560
Ø 50 – 70 mm	5142461
Ø 70 – 90 mm	5142490
Ø 90 – 110 mm	5142462
Ø 100 – 120 mm	5142410
Ø 110 – 130 mm	5142453
Ø 130 – 150 mm	5142463
Ø 140 – 160 mm	5142416
Ø 150 – 170 mm	5142456
Ø 170 – 190 mm	5142457
Ø 190 – 210 mm	5142464
Ø 200 – 220 mm	5142420
Ø 300 mm	5142418

Machine connector

connection piece	Art. No.
Ø 102 mm	5147710
Ø 122 mm	5147712
Ø 142 mm	5147714
Ø 162 mm	5147716
Ø 182 mm	5147718
Ø 202 mm	5147720

Gate valve galvanised

Gate valve	Art. No.
Ø 80 mm	5143508
Ø 100 mm	5143510
Ø 120 mm	5143512
Ø 140 mm	5143514
Ø 160 mm	5143516
Ø 180 mm	5143518
Ø 200 mm	5143520
Ø 250 mm	5143525
Ø 300 mm	5143530

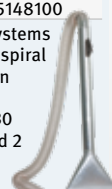
230 V Electric gate valve

Gate valve	Art. No.
Ø 100 mm	5144110
Ø 120 mm	5144112
Ø 140 mm	5144114
Ø 160 mm	5144116
Ø 180 mm	5144118
Ø 200 mm	5144120
Ø 250 mm	5144125

Floor cleaning set

BRS 1	Art. No.
BRS 1	5148100

► Suitable for all extraction systems
► Includes high-quality 2.5 m spiral hose with Ø 100 mm, suction pipe, floor nozzle (width 430 mm, slot width 30 mm) with rollers, handle and 2 pipe clamps



BTS / TS series

Belt and disc sanding machines for processing surfaces, edges and curves

- ▶ Swivelling belt sanding unit - flexibly adjustable from 0° to 90° for versatile sanding work
- ▶ Belt and disc sanding machines for processing surfaces, edges and curves
- ▶ Quick change of sanding belts via quick clamping system
- ▶ Simple belt tracking adjustment
- ▶ Graphite-coated sanding pad - ensures less wear and longer service life of the sanding belt
- ▶ Stable substructure for high stability and safety during operation
- ▶ Solid steel unit suspension
- ▶ Equipped with angle stop on the worktable

BTS 301 Vario

- ▶ Practical base cabinet with shelf
- ▶ Variable speed adjustment



- Swivelling work table with angle stop and integrated mitre fence



- 90° swivelling sanding arm with workpiece support

BTS 201



BTS 301 Vario including substructure



TS 301

Scope of delivery TS 301:

- Mitre fence
- K 80 sanding sheet

Accessories



- 1 Cut-off plate for changing the grinding disc
- For easy mounting and removal of sanding sheets with Velcro fasteners on belt and disc sanders



Accessories

- | Accessories | Art. No. |
|--|----------|
| 1 Cut-off plate for changing the grinding disc | 5900301 |

Sanding belt with paper backing (pack of 5)

1219 x 150	K 60	5911206
1219 x 150	K 80	5911208
1219 x 150	K 100	5911210
1219 x 150	K 120	5911212
1219 x 150	K 150	5911215
1219 x 150	K 180	5911218

Sanding belt set

10 each K80/100/120	5911230
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Sanding sheets (pack of 5)

Ø 300	K 60 Velcro	5913106
Ø 300	K 80 Velcro	5913108
Ø 300	K 100 Velcro	5913110
Ø 300	K 120 Velcro	5913112
Ø 300	K 150 Velcro	5913115
Hook and loop fastener pad	Ø 300 mm	3357801

Technical data		TS 301	BTS 201	BTS 301 Vario
Art. No.		5904300	5903201	5903205
Sanding disc Ø	mm	300	305	305
Sanding belt dimensions (LxW)	mm	-	1220 x 150	1220 x 150
Belt speed	m/s	-	11.7	0.4 – 8.8
Sanding unit swivelling	°	-	0 – 90	0 – 90
Disc sanding unit (L x W)	mm	390 x 230	380 x 260	390 x 230
Belt sanding unit (L x W)	mm	-	260 x 150	316 x 230
Table swivelling	°	-10 – 45	-15 – 45	-10 – 45
Suction nozzle Ø	mm	60	2 x 40	2 x 60
Motor power ~50 Hz	kW / V	0.75 / 230	1.5 / 230	1.5 / 230
Dimensions (L x W x H) approx.	mm	550 x 420 x 420	760 x 740 x 1105	780 x 770 x 1050
Weight approx.	kg	28	63	72

KSO 1505

Edge sanding machine with swivelling sanding unit, oscillating sanding belt and sanding sleeve device

- ▶ Infinitely adjustable sanding unit (0 - 90°) for vertical and horizontal sanding
- ▶ Oscillating sanding belt for better sanding results and a longer service life of the sanding belt
- ▶ Quick and easy sanding belt change via quick clamping system
- ▶ Sanding pad with graphite coating for a longer service life of the sanding belt
- ▶ Grey cast iron work table with T-slot, adjustable via handwheel
- ▶ Including lateral sanding sleeve device for sanding curves and radii
- ▶ Two suction nozzles Ø 100 mm



Scope of delivery:

- Mitre stop
- Sanding belt 2750x150mm grain 80
- Sanding sleeve Ø 38mm grit 80
- Sanding sleeve Ø 50mm grit 80
- Sanding sleeve Ø 75mm grit 80

Technical data		KSO 1505
Art. No.		5368155
Sanding belt (L x W)	mm	2750 x 150
Belt circulation speed	m/s	16
Oscillation stroke	mm	15
Grinding surface (L x W x H) approx.	mm	1010 x 190 x 170
Sanding drum diameter	mm	38/50/75
Sanding unit swivelling	°	0 - 90
Workpiece (W max. x H max.)	mm	1010 x 150
Work table (L x W)	mm	900 x 305
Work table height adjustment	mm	120
Suction nozzle diameter	mm	100
Motor power ~50 Hz	kW/V	2.2 / 400
Dimensions (L x W x H) approx.	mm	1515 x 550 x 1150
Weight approx.	kg	207

18-piece sanding sleeve starter set (2 sanding sleeves each):

Art. No. 5378155

- Ø 38 K80
- Ø 38 K100
- Ø 38 K120
- Ø 50 K80
- Ø 50 K100
- Ø 50 K120
- Ø 75 K80
- Ø 75 K100
- Ø 75 K120

Sanding belt (2750 x 150 mm) (pack of 5)	Art. No.
K60, fabric tape	5373325
K80, fabric tape	5373326
K100, fabric tape	5373327
K120, fabric tape	5373328
K150, fabric tape	5373329
K180, fabric tape	5373330

Sanding belt (2750 x 150 mm) (pack of 5)	Art. No.
K60, PS28F	5372325
K80, PS28F	5372326
K100, PS28F	5372327
K120, PS28F	5372328
K150, PS28F	5372329
K180, PS28F	5372330
K220, PS28F	5372331

Sanding sleeves (Pack of 10)	Art. No.
Ø38x110mm K80	5378381
Ø38x110mm K100	5378382
Ø38x110mm K120	5378383
Ø50x110mm K80	5378501
Ø50x110mm K120	5378503
Ø50x110mm K100	5378502
Ø75x110mm K80	5378751
Ø75x110mm K100	5378752
Ø75x110mm K120	5378753

KSO 150 F BASIC

Edge sanding machine with swivelling sanding unit, sanding belt oscillation and veneer edge sanding device

- ▶ Heavy-duty machine base guarantees high torsional rigidity and vibration-free operation
- ▶ Better sanding results thanks to sanding belt oscillation via separate geared motor
- ▶ Oscillation optionally switchable
- ▶ Veneer edge sanding device with fine adjustment as standard
- ▶ Grooved infeed guide for sanding of veneer overhangs
- ▶ Quick changeover from veneer to solid wood sanding
- ▶ Height-adjustable sanding table to utilise the entire sanding belt width
- ▶ Height adjustment of the sanding table and swivelling of the sanding unit via handwheels
- ▶ Height-adjustable additional table with suction unit for sanding radii
- ▶ Optimum chip removal through extraction at the unit and cross table
- ▶ Automatic equalisation of belt length differences through spring-loaded belt tensioning

Technical data		KSO 150 F BASIC
Art. No.		5363150
Sanding belt (L x W)	mm	3000 x 150
Belt circulation speed	m/s	20
Grinding surface (LxB)	mm	1050 x 220
Sanding unit swivelling	°	0 - 45
Work table (L x W)	mm	960 x 352
Work table height adjustment	mm	210
Table height min. / max.	mm	770 / 980
Cross table (L x W)	mm	330 x 330
Cross table height min. / max.	mm	730 / 930
Motor power ~50 Hz	kW/ V	3 / 400
Suction nozzle Ø	mm	120
Dimensions (L x W x H) approx.	mm	1900 x 810 x 1230
Weight approx.	kg	290

Scope of delivery:

- Grinding belt 3000 x 150 K100
- Graphite coating
- Mitre fence



KSO 150 M

Edge sanding machines with swivelling sanding unit and oscillating sanding belt

- ▶ Sanding unit can be swivelled up to 45° via lever
- ▶ Machine stand made of welded steel guarantees high torsional rigidity and vibration-free operation
- ▶ Oscillating sanding belt with separate geared motor for better sanding results
- ▶ Oscillation optionally switchable
- ▶ Sanding pad with graphite coating for a longer service life of the sanding belt
- ▶ Height-adjustable sanding table to utilise the entire sanding belt width
- ▶ Height-adjustable additional table with suction unit for sanding radii
- ▶ The spring-loaded belt tensioner automatically compensates for length differences automatically
- ▶ Double suction
- ▶ Extendable roller table extension
- ▶ Rubberised sanding drum



• Sanding unit can be swivelled up to 45° via lever

Scope of delivery:

- Table widening
- Rubber rollers

Technical data		KSO 150 M
Art. No.		5362600
Table dimensions (L x W)	mm	750 x 300
Work table height adjustment	mm	200
Grinding surface	mm	850 x 200
Belt speed	m/sec.	20
Oscillation stroke	mm	20
Sanding belt dimensions	mm	2600 x 150
Suction nozzle Ø	mm	140
Motor power ~50 Hz	kW/V	3 / 400
Dimensions (L x W x H) approx.	mm	1600 x 850 x 1350
Weight approx.	kg	215



Accessories	Art. No.
Mitre fence	5379050
Moving equipment	5379053

KSO 150 F

Edge sanding machine with swivelling sanding unit, oscillating sanding belt and veneer edge sanding device

- ▶ Sanding unit can be swivelled up to 45° via lever
- ▶ Machine stand made of welded steel guarantees high torsional rigidity and vibration-free operation
- ▶ Oscillating sanding belt with separate geared motor for better sanding results
- ▶ Oscillation optionally switchable
- ▶ Sanding pad with graphite coating for a longer service life of the sanding belt
- ▶ Height-adjustable sanding table to utilise the entire sanding belt width
- ▶ Height-adjustable additional table with suction unit for sanding radii
- ▶ The spring-loaded belt tensioner automatically compensates for length differences automatically
- ▶ Double suction
- ▶ Extendable roller table extension
- ▶ Rubberised sanding drum

additionally with:

- ▶ Veneer edge sanding device with contact shoe with fine adjustment and stop rulers
- ▶ With grooved infeed guide for veneer overhangs
- ▶ Quick changeover from veneer edgebanding to solid wood sanding possible

Scope of delivery:

- Table widening
- Rubber rollers
- Console for VSA Table extension

Technical data		KSO 150 F
Art. No.		5363000
Table dimensions (L x W)	mm	960 x 350
Work table height adjustment	mm	230
Grinding surface	mm	1050 x 150
Belt speed	m/sec.	20
Oscillation stroke	mm	20
Sanding belt dimensions	mm	3000 x 150
Suction nozzle Ø	mm	140
Motor power ~50 Hz	kW/V	3 / 400
Dimensions (L x W x H) approx.	mm	1900 x 900 x 1350
Weight approx.	kg	295

- Fig. with swivelled sanding unit, unit swivel via handwheel from 90-45°
- Equipped with a stable bracket as standard in preparation for mounting a feed unit
- **Feed unit not included in the scope of delivery**



Accessories	Art. No.
Mitre fence	5379050
Pivot star	5379051
Extension to console for VSA for processing workpieces higher than 100 mm	5379055
Moving equipment	5379054

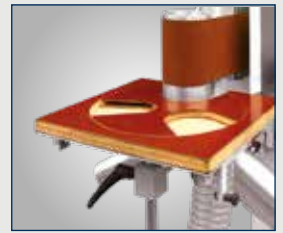


KSO 150 FD

Edge sanding machine with veneer edge sanding device and turning device for changing sanding sleeves

- ▶ Sanding unit can be swivelled up to 45° via lever
- ▶ Machine stand made of welded steel guarantees high torsional rigidity and vibration-free operation
- ▶ Oscillating sanding belt with separate geared motor for better sanding results
- ▶ Oscillation optionally switchable
- ▶ Sanding pad with graphite coating for a longer service life of the sanding belt
- ▶ Height-adjustable sanding table to utilise the entire sanding belt width
- ▶ Height-adjustable additional table with suction unit for sanding radii
- ▶ The spring-loaded belt tensioner automatically compensates for length differences automatically

- ▶ Equipped with a stable bracket as standard in preparation for mounting a feed unit
- ▶ Double suction
- ▶ Extendable roller table extension
- ▶ Rubberised sanding drum



- Pivot star wheel and rotating suction plate for quick changeover of 3 different sanding radii:
Ø 60 mm / 100 mm / 120 mm



Scope of delivery:

- Table widening
- Rubber rollers
- Console for VSA Table extension
- Pivot star

Technical data		KSO 150 FD
Art. No.		5363002
Table dimensions (L x W)	mm	960 x 350
Work table height adjustment	mm	230
Grinding surface	mm	1050 x 150
Belt speed	m/sec.	20
Oscillation stroke	mm	20
Sanding belt dimensions	mm	3100 x 150
Suction nozzle Ø	mm	140
Motor power ~50 Hz	kW/V	3 / 400
Dimensions (L x W x H) approx.	mm	1900 x 900 x 1350
Weight approx.	kg	310



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Video and Information

Accessories

Accessories	Art. No.
Mitre fence	5379050
Extension to console for VSA for processing workpieces higher than 100 mm	5379055

KSO 200 F

Edge sanding machine with 200 mm sanding width and veneer edge sanding device

- ▶ Sanding unit can be swivelled up to 45° via lever
- ▶ Machine stand made of welded steel guarantees high torsional rigidity and vibration-free operation
- ▶ Oscillating sanding belt with separate geared motor for better sanding results
- ▶ Oscillation optionally switchable
- ▶ Sanding pad with graphite coating for a longer service life of the sanding belt
- ▶ Height-adjustable sanding table to utilise the entire sanding belt width

- ▶ Height-adjustable additional table with suction unit for sanding radii
- ▶ The spring-loaded belt tensioner automatically compensates for length differences automatically
- ▶ Double suction
- ▶ Extendable roller table extension
- ▶ Rubberised sanding drum

additionally with:

- ▶ Veneer edge sanding device with contact shoe with fine adjustment and stop rulers
- ▶ With grooved infeed guide for veneer overhangs
- ▶ Quick changeover from veneer edgebanding to solid wood sanding possible

Scope of delivery:

- Table widening
- Rubber rollers

Technical data		KSO 200 F
Art. No.		5363001
Sanding belt (L x W)	mm	3000 x 200
Belt circulation speed	m/s	20
Oscillation stroke	mm	20
Table dimensions (L x W)	mm	960 x 350
Work table height adjustment	mm	230
Grinding surface	mm	1050 x 200
Suction nozzle Ø	mm	140
Motor power ~50 Hz	kW/V	3 / 400
Dimensions (L x W x H) approx.	mm	1900 x 900 x 1350
Weight approx.	kg	290



Accessories

Accessories	Art. No.
Mitre fence	5379050
Console for VSA	5379052
Extension to console for VSA for processing workpieces higher than 100 mm	5379055
Moving equipment	5379054

KSO 150 M PRO

Edge sanding machine with swivelling sanding unit and oscillating sanding belt

- ▶ Sanding unit can be swivelled by hand crank
- ▶ The machine stand made of welded steel guarantees high torsional rigidity and vibration-free operation
- ▶ Oscillating sanding belt with separate geared motor for better sanding results
- ▶ Oscillation optionally switchable
- ▶ Sanding pad with graphite coating for a longer service life of the sanding belt
- ▶ Height-adjustable sanding table to utilise the entire sanding belt width
- ▶ Additional table for sanding radii with integrated extraction openings
- ▶ Abrasive sleeve device with attachable work table
- ▶ The spring-loaded belt tensioner automatically compensates for belt length differences

Solid wood sanding



Technical data		KSO 150 M PRO
Art. No.		5390015
Sanding belt dimensions	mm	2580 x 150
Belt circulation speed	m/s	14
Oscillation stroke	mm	15
Grinding surface dimensions (L x W)	mm	800 x 150
Sanding height max.	mm	150
Sanding unit swivelling	°	0 – 90
Work table dimensions (L x W)	mm	900 x 360
Work table height adjustment	mm	110
Suction nozzle Ø	mm	2 x 100
Motor power ~50 Hz	kW/ V	2.2 / 400
Dimensions (L x W x H) approx.	mm	1700 x 1000 x 1150
Weight approx.	kg	250
Transport surcharge ¹⁾		TPZ 300 = 79,00 €

Scope of delivery:

- Sanding belt K100
- One rubber roller each: Ø 25, Ø 30, Ø 40, Ø 45, Ø 50 mm
- One sanding sleeve K80 each: Ø 25, Ø 30, Ø 35, Ø 40, Ø 45, Ø 50 mm
- Tool kit
- Mitre fence



- Various sanding sleeves ideal for sanding different radii

KSO 150 F PRO

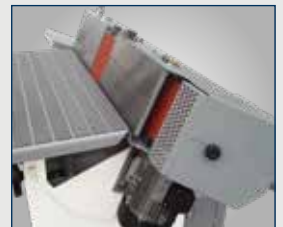
Edge sanding machine with oscillating sanding belt and veneer edge sanding device

- ▶ Sanding unit can be swivelled by hand crank
- ▶ The machine stand made of welded steel guarantees high torsional rigidity and vibration-free operation
- ▶ Oscillating sanding belt with separate geared motor for better sanding results
- ▶ Oscillation optionally switchable
- ▶ Sanding pad with graphite coating for a longer service life of the sanding belt
- ▶ Height-adjustable sanding table to utilise the entire sanding belt width
- ▶ Additional table for sanding radii with integrated extraction openings
- ▶ Abrasive sleeve device with attachable work table
- ▶ The spring-loaded belt tensioner automatically compensates for belt length differences
- ▶ With adjustable stops, ideal for veneer sanding
- ▶ Veneer overhang can be easily sanded off

Scope of delivery:

- Sanding belt K100
- One rubber roller each: Ø 25, Ø 30, Ø 40, Ø 45, Ø 50 mm
- One sanding sleeve K80 each: Ø 25, Ø 30, Ø 35, Ø 40, Ø 45, Ø 50 mm
- Tool kit
- Mitre fence

Technical data		KSO 150 F PRO
Art. No.		5390020
Sanding belt (L x W)	mm	2640 x 150
Belt circulation speed	m/s	14
Oscillation stroke	mm	15
Grinding surface dimensions (LxW)	mm	800 x 150
Sanding unit swivelling	°	0 – 45
Work table dimensions (L x W)	mm	950 x 450
Work table height adjustment	mm	110
Suction nozzle Ø	mm	2 x 100
Motor power ~50 Hz	kW/ V	2.2 / 400
Dimensions (L x W x H) approx.	mm	1700 x 1000 x 1150
Weight approx.	kg	300



- Sanding unit can be swivelled by can be swivelled through 45° by hand crank



Veneer sanding



KSO 150 M F 3 PRO

Edge sanding machine for processing on three sides with motorised height-adjustable sanding unit

- ▶ Separate work table for solid wood and veneer sanding, manually swivelling through 45° and 35° respectively
- ▶ The stop for veneer sanding can be adjusted to the nearest tenth of a millimetre
- ▶ With motorised height-adjustable sanding unit
- ▶ Abrasive sleeve device with attachable work table
- ▶ The machine stand made of welded steel guarantees high torsional rigidity and vibration-free operation
- ▶ Oscillating sanding belt with separate geared motor for better sanding results
- ▶ Oscillation optionally switchable
- ▶ Abrasion-resistant and highly gliding plastic tracks on worktable surface
- ▶ Sanding pad with graphite coating for a longer service life of the sanding belt
- ▶ The spring-loaded belt tensioner automatically compensates for belt length differences

- ▶ Double suction nozzle
- ▶ Rubberised, grooved sanding drum

Technical data		KSO 150 M F 3 PRO
Art. No.		5390150
Sanding belt (L x W)	mm	2640 x 150
Belt circulation speed	m/s	14
Oscillation stroke	mm	20
Grinding surface (LxB)	mm	890 x 150
Sanding height max.	mm	150
Sanding unit swivelling	°	45 / 35
Work table (LxW)	mm	1000 x 280
Suction nozzle Ø	mm	150
Motor power ~50 Hz	kW/ V	3 / 400
Power of oscillation motor	kW	0.38
Dimensions (L x W x H) approx.	mm	1820 x 1050 x 1470
Weight approx.	kg	400



Veneer sanding
Solid wood sanding

Scope of delivery:

- Sanding belt K100
- One rubber roller each: Ø 25, Ø 30, Ø 40, Ø 45, Ø 50 mm
- One sanding sleeve K80 each: Ø 25, Ø 30, Ø 35, Ø 40, Ø 45, Ø 50 mm
- Tool kit
- Mitre fence

KSO 150 M F 4 PRO

Edge sanding machine with additional swivelling work table for processing on four sides with motorised height-adjustable sanding unit

- ▶ Separate work table for solid wood and veneer sanding, manually swivelling through 45° and 35° respectively
- ▶ Height and angle-adjustable work table for processing on the rubberised belt drive roller and for the use of sanding brushes / polishing discs
- ▶ The stop for veneer sanding can be adjusted to the nearest tenth of a millimetre
- ▶ Motorised height-adjustable grinding unit
- ▶ Additional table for sanding radii with integrated extraction openings
- ▶ Abrasive sleeve device with attachable work table
- ▶ The machine stand made of welded steel guarantees high torsional rigidity and vibration-free operation

- ▶ Oscillating sanding belt with separate geared motor for better sanding results
- ▶ Oscillation optionally switchable
- ▶ Abrasion-resistant and highly gliding plastic tracks on worktable surface
- ▶ Sanding pad with graphite coating for a longer service life of the sanding belt
- ▶ With rubberised grooved sanding drum for round sanding
- ▶ Convenient operation from two sides on the rotating control panel above the machine

Scope of delivery:

- Sanding belt K100
- One rubber roller each: Ø 25, Ø 30, Ø 40, Ø 45, Ø 50 mm
- One sanding sleeve K80 each: Ø 25, Ø 30, Ø 35, Ø 40, Ø 45, Ø 50 mm
- Tool kit
- Mitre fence

Technical data		KSO 150 M F 4 PRO
Art. No.		5390155
Sanding belt (L x W)	mm	2640 x 150
Belt circulation speed	m/s	14
Oscillation stroke	mm	20
Grinding surface (LxB)	mm	890 x 150
Sanding height max.	mm	150
Sanding unit swivelling	°	45 / 35
Work table (LxW)	mm	1000 x 280
Suction nozzle Ø	mm	150
Motor power ~50 Hz	kW/ V	3 / 400
Power of oscillation motor	kW	0.38
Dimensions (L x W x H) approx.	mm	1820 x 1050 x 1470
Weight approx.	kg	400



Veneer sanding
Solid wood sanding
Cylindrical grinding
Profile grinding

DB Pro and Pro Vario series Compact bench lathes

- ▶ Solid grey cast iron bench bed for smooth running
- ▶ ASR run-off protection groove for maximum safety when fastening clamping devices
- ▶ Solid tailstock
- ▶ Can also be used as a stand-alone machine thanks to optional base frame

DB 460 Pro

- ▶ Manual speed adjustment via 5-stage belt drive



DB 460 Pro



DB 510 Pro Vario

DB 420 Pro Vario / DB 510 Pro Vario

- ▶ Equipped with speed-controlled DC brushless motor
- ▶ Flexible working thanks to mobile control box with magnetic holder, can be positioned as required
- ▶ Practical 24-step spindle part set-up for precise positioning of e.g. drill holes or milling operations
- ▶ Digital speed display and changeover from clockwise to anti-clockwise rotation via the mobile control box



- Spindle with ASR safety catch. Prevents the clamping device from "running off" in conjunction with the retaining ring available as an accessory



- Ball bearing spindle head with 24-step indexing device and solid handwheel (DB 420 Pro Vario / DB 510 Pro Vario)



- Digital speed display and right/left rotation changeover via the control box (DB 420 Pro Vario / DB 510 Pro Vario)

- 3 Fig. with optional Underframe

Scope of delivery

- Tool rest
- Face plate 80 mm
- Four-point driver
- Rotating centring tip
- Long ejector rod
- Short ejector rod
- Clamping spanner 46 mm
- Clamping spanner 38 mm
- Allen key

Technical data		DB 460 Pro	DB 420 ProVario	DB 510 Pro Vario
Art. No.		5821046	5822042	5822051
Centre height	mm	127	153	178
Centre width	mm	457	419	508
Toe width with opt. Bed extension	mm	1000	1028	1118
Spindle head thread		M 33 x 3.5	M 33 x 3.5	M 33 x 3.5
Rotational speeds	min ⁻¹	450 - 2,640	250 - 3,200	150 - 3,850
stages		5 stages, manual	3 stages, electrically adjustable	
Tailstock cone		MT 2	MT 2	MT 2
Quill adjustment	mm	44.5	90	102
Motor power ~50 Hz	kW/V	0.24 / 230	0.55 / 230	0.74 / 230
Dimensions (L x W x H)	mm	790 x 195 x 395	950 x 330 x 410	1100 x 470 x 470
Weight approx.	kg	32	43	62

Accessories



- 1 Bed extension spindle stock on DB 510 Pro Vario mounted on spindle stock side for larger workpieces



- 2 bed extension

Accessories

Accessories	Art. No.
1 Bed extension:	
DB 460 Pro	5831000
DB 420 Pro Vario	5831005
DB 510 Pro Vario	5831010
2 DB 420/510 Pro Vario Headstock	5831011
3 Untergestell	5831100

DB 610 Pro Vario / DB 1050 Pro Vario

Solid floor-type lathe, equipped with frequency converter for better power development at low speeds

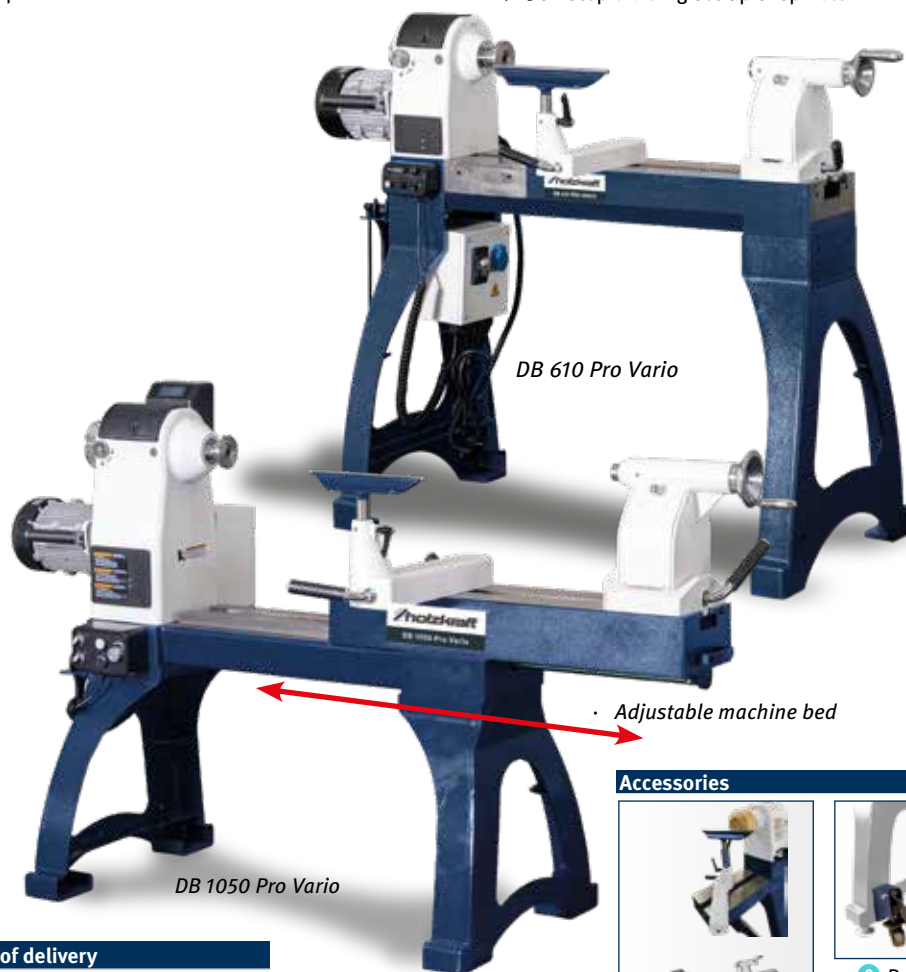
- ▶ Solid grey cast iron bench bed for smooth running
- ▶ ASR run-off protection groove for maximum safety when fastening clamping devices
- ▶ Convenient operation thanks to infinitely variable speed adjustment via frequency inverter
- ▶ Practical storage option for four-point drivers and centre punches integrated in the tailstock
- ▶ Practical partial spindle set-up for precise positioning of e.g. drill holes or milling operations
- ▶ Digital speed display and right/left rotation changeover via the control box
- ▶ Equipped with additional 230V socket for consumers

DB 610 Pro Vario

- ▶ Rotating headstock for maximum flexibility - ideal for use as an external turning device with optional additional bed
- ▶ 24 - Step dividing set-up of spindle

DB 1050 Pro Vario

- ▶ Electrically movable bench bed extension via cylinder to a centre width of up to 1016 mm
- ▶ Extremely high centre height of up to 397 mm, workpieces up to 794 mm in diameter possible
- ▶ 36 - Step dividing set-up of spindle

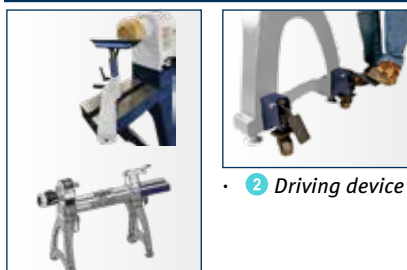


DB 610 Pro Vario

DB 1050 Pro Vario

• Adjustable machine bed

Accessories



- ① Bed extension DB 610 Pro Vario
- ② Driving device

Scope of delivery

- Tool rest 300 mm
- Face plate 80 mm
- Four-point driver
- Rotating centring tip
- Long ejector rod
- Short ejector rod
- 2 x spanner 46 / 38mm
- 4 pcs. spanners
- Allen key

Additional DB 1050 Pro Vario

- Raised tool rest

Technical data		DB 610 Pro Vario	DB 1050 Pro Vario
Art. No.		5822061	5822105
Centre height	mm	229	295 - 397
Centre width	mm	610	508 - 1,016
Spindle head thread		M 33 x 3.5	M 33 x 3.5
Rotational speeds	min ⁻¹	50 - 3,850	20 - 3,850
Control of the speed control		3 levels, electrically adjustable (frequency converter)	
Tailstock cone		MT 2	MT 2
Quill adjustment	mm	115	120
Motor power ~50 Hz	kW/V	1.5 / 230	2.2 / 230
Dimensions (L x W x H)	mm	1600 x 620 x 1200	1700+500 x 700 x 1300
Weight approx.	kg	170	248



- Practical tool tray for tools ready to hand



- 3-fold spindle bearing with dividing device and solid handwheel



DB 1050 Pro Vario

- Flexible working thanks to freely positionable control box with magnetic holder



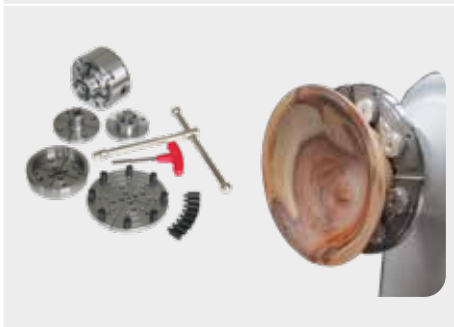
Partial installation

- holds the spindle in a fixed position, thus ensuring uniform machining in applications such as grooving, drilling, detail carving,...

Accessories	Art. No.
① Bed extension: DB 610 Pro Vario	5831015
Practical bed extension can also be used with a turned headstock for workpieces up to Ø 700 mm. Raise tool rest (5831200), required to reach spindle height	
② Tool rest elevation (for DB 610 Pro Vario)	5831200
Practical for use with a turned headstock for workpieces up to Ø 700 mm. Bed extension (5831015) required	
Adjustable feet set = 4 pieces	5831300
③ Driving device	5831305

CLAMPING TECHNOLOGY

Four-jaw chuck, premium set	Art. No.
Ø 95 mm	5831501
Ø 115 mm	5831502
<ul style="list-style-type: none"> ▶ with run-out protection ▶ T-handle hexagon spanner 4 mm ▶ Chuck spanner 8 mm chrome ▶ Wood clamping screw ▶ Chuck ▶ 8x knurled aluminium discs each 20, 27, 35 mm ▶ 4 round clamping jaws (small Ø) ▶ 4 pen jaws ▶ 4 pcs. flat clamping jaws ▶ 4 piece step jaws ▶ 8 pcs. flat head screws M5 - 8 x 8 ▶ 4 round clamping jaws (small Ø) ▶ Hexagon spanner 4 mm 	



Safety catch ring	Art. No.
	5831405

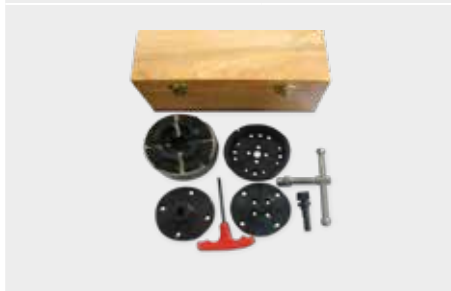


Chuck body premium set	Art. No.
Ø 95 mm	5831550
Ø 115 mm	5831551
<ul style="list-style-type: none"> ▶ with run-out protection ▶ For spindle thread with M33 x 3.5 ▶ Second chuck body prevents time-consuming retooling of the existing chuck body ▶ Simply screw on the second chuck body with any configuration and start the next processing step 	



Four-jaw chuck	Art. No.
Professional Set M33 x 3.5	5831500

- ▶ with run-out protection
- ▶ 4 differ. Jaw chucks for the following clamping options (external/internal closed):
- ▶ 90/75 mm; 50/38 mm; 38/18 mm; 21/9 mm



Driver set	Art. No.
	5931056

- ▶ MT2 mount on the shaft
- ▶ Four-point driver 18 and 28 mm / MK 2
- ▶ Multi-tooth driver with spring-loaded centre point 28 mm / MK 2



Optimum quick-release chuck MT 2	Art. No.
1 - 16 mm	3050571
1 - 13 mm	3050572



ASR screw chuck	Art. No.
	5831400

- ▶ For screwing on blanks
- ▶ With three different screw inserts 8 mm, 10 mm and 12 mm
- ▶ Integrated run-out protection
- ▶ For spindle thread with M33 x 3.5



SHARPENING ACCESSORIES

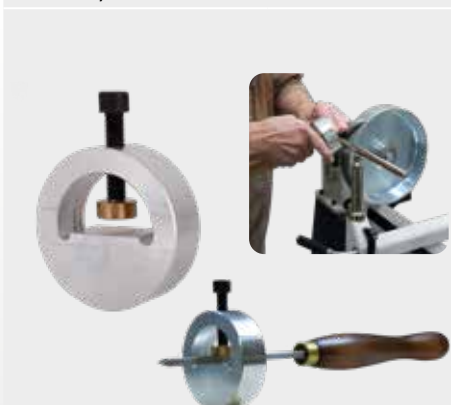
Grinding device	Art. No.
for tubes	5832110

- ▶ For sharpening all gouges, tubes and other tools with complex shapes, such as chisel feet and turning chisels made of carbide
- ▶ The device can be adapted to the shape of the tool so that a uniform grinding bevel can also be produced on the rounded cutting edge
- ▶ Compatible with the tool rests (5831411/ 5831412)



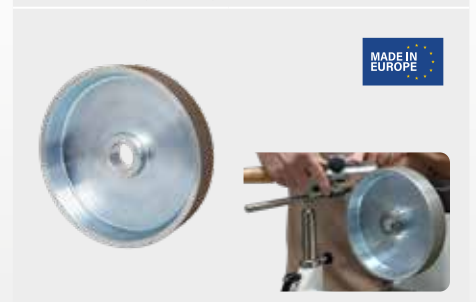
Chisel grinding device	Art. No.
	5831410

- ▶ For clamping chisels and parting tools
- ▶ The tool rest available as an accessory is perfect for sharpening.
- ▶ Gentle clamping of the tool thanks to the brass insert on the clamping surface
- ▶ Tools up to 50 mm wide mountable



CBN grinding disc	Art. No.
	5832100

- ▶ For sharpening HSS tools
- ▶ Grain size 180
- ▶ Steel body coated with cubic boron nitride (CBN)
- ▶ Thanks to the metal bond, heat dissipates perfectly during tool grinding, thereby preventing annealing of the tools.
- ▶ Virtually no flying sparks during machining
- ▶ Extremely dimensionally stable, therefore no dressing necessary as with conventional corundum grinding discs

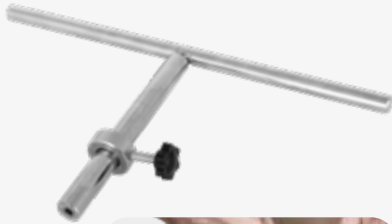


MADE IN EUROPE

SHARPENING ACCESSORIES

Tool rest	Art. No.
155 x 400 mm for DB 460	5831411
180 x 400 mm DB 510 Vario	5831412
295 x 400 mm from DB 610 Pro Vario	5831413

- ▶ Suitable in conjunction with chisel grinding device and grinding device for pipes
- ▶ for sharpening tools with the optionally available CBN grinding disc
- ▶ Ø 25.3 mm Clamping diameter
- ▶ With practical height adjustment



CBN sharpening plate	Art. No.
	5832106

- ▶ For honing turning tools and removing burrs after the sharpening process
- ▶ Fine-grained CBN sharpening plate for a sharp tool
- ▶ Thanks to the drop-shaped form, all chisels, tubes and carving irons can be sharpened with it



Mounting flange	Art. No.
M33 x 3.5	5832105

- ▶ for installing the CBN grinding disc (Art. no. 5832100)
- ▶ Good concentricity
- ▶ Incl. run-off protection and holes, thus also protected against unintentional run-off on machines without ASR groove



Angle gauge	Art. No.
	5931220

- ▶ For measuring angles when grinding woodturning knives and other tools



WOODTURNING KNIFE

Woodturning tool set	Art. No.
8-part	5931011

- ▶ 3 hollow chisels
- ▶ 1 cut-off chisel
- ▶ 1 roughing steel
- ▶ 1 round chisel
- ▶ 2 straight chisels



OTHER ACCESSORIES

Wall scanner	Art. No.
250 mm	5931216

- ▶ Suitable for indoor and outdoor use
- ▶ Total length 250 mm



Cone wiper	Art. No.
MT 2	5931200

- ▶ For removing residues such as dust and chips



Base frame extension	Art. No.
DB 460 Pro / DB 420 Pro Vario / DB 510 Pro Vario	5831105



Pencil compass	Art. No.
200 mm	5931215

- ▶ Compasses with holder for pencils
- ▶ Perfectly suited as a measuring and testing tool
- ▶ Dimensions up to 400 mm diameter possible
- ▶ The dimension can be fixed using a clamping screw on the adjusting elbow



Suction funnel	Art. No.
Height adjustable	5931210

- ▶ Perfect for extracting grinding dust
- ▶ Suction funnel can be positioned flexibly
- ▶ Height adjustable from 750 to 1200 mm
- ▶ 100mm hose connection



Four-pronged impact tool	Art. No.
	5931205

- ▶ For centring and centres punching wooden blanks for turning between centres
- ▶ The four-pronged tool on the woodturning lathe can thus grip the material more effectively, ensuring better power transmission and secure positioning.



Base frame	Art. No.
DB 460 Pro / DB 420 Pro Vario / DB 510 Pro Vario	5831100



LED workshop light	Art. No.
WBL 3	3351062

- ▶ Magnetic base
- ▶ Termination 230V



NTS 201 / NTS 256

Wet and dry grinder for sharpening knives and many tools

- ▶ Grinding disc can be switched between clockwise and anti-clockwise rotation
- ▶ Extensive accessories make it easier to use the right sanding technique - even for beginners
- ▶ Long-lasting sanding without loss of tool hardness due to heat build-up during the sanding process thanks to low speed and cooling water bath
- ▶ Many holding devices available for different tools
- ▶ Special aluminium oxide grinding stone for perfect sanding results, even with hard steel over 60 HRC (tool steel)
- ▶ Removable leather honing disc for removing grinding burrs after sharpening
- ▶ Stripping paste for polishing the workpiece after sanding
- ▶ Angle gauge for setting the correct sanding angle
- ▶ Splash-proof motor and switch

NTS 256

- ▶ Powerful induction motor with variable speed adjustment for quiet and low-vibration work



Scope of delivery:

- Leather honing wheel
- Grinding disc
- Universal grinding device
- Water tank
- Stripping paste
- Angle gauge
- Universal grinding device

Technical data		NTS 201	NTS 256
Art. no.		5750201	5750256
Grinding stone diameter	mm	200	250
Grinding stone width	mm	40	50
Honing disc diameter	mm	200	200
Honing disc width	mm	30	30
Speed	min ⁻¹	115	90 – 160
Motor power	W	150	150
Connection voltage ~50Hz	V	230	230
Dimensions (L x W x H) approx.	mm	480 x 340 x 375	460 x 340 x 410
Weight approx.	kg	9.2	14.2

Accessories

Device for axes



Art no. 5760152

Device for scissors



Art. No. 5760163

Device for large blades



Art no. 5760162

Device for small blades



Art no. 5760161

Device for tubes and hollow bars



Art no. 5760166

Calibration device



Art. no. 5760159

Universal sanding support



Art no. 5760165

Universal grinding device



Art no. 5760157

Accessories	Art. No.
Household set HS-NTS	5760167
Grinding stone Ø 200 x 40 x 12 mm (NTS 201)	5760101
Grinding stone Ø 250 x 50 x 12 mm (NTS 256)	5760151
Stripping paste AP-NTS	5760155
Stone grader SP-NTS	5760164
Leather honing wheel Ø 200 x 30 x 12 mm (NTS 201)	5760100
Leather honing wheel Ø 250 x 30 x 12 mm (NTS 256)	5760150
Angle gauge for grindstone Ø 250 mm	5760156
Leather honing wheel LAS-P	5760158
Replacement cutter for calibration device	5760160
Grinding device for tubes	5832110

HDT 1500

Grinding table for ergonomic and clean working

- ▶ Optimum, tried and tested model at a favourable price for many applications
- ▶ Ideal for workrooms, e.g. in schools
- ▶ Sturdy, simple table construction
- ▶ Tool-free, mechanical height adjustment of the table can be easily set using hand screws



Technical data		HDT 1500
Art. no.		5180015
Table dimensions (L x W)	mm	1440 x 800
Load capacity	kg	300
Recommended extraction capacity	m ³ /h	1500
Working height min. / max.	mm	735 / 995
Connection nozzle Ø	mm	140
Dimensions (L x W x H) approx.	mm	1570 x 1020 x 995
Weight approx.	kg	73

- ▶ Practical downward extraction prevents chips and dust from circulating in the workplace and in the workshop
- ▶ Table support made of a workpiece-friendly wooden support grid or metal support grid with rubber pads
- ▶ Clean air when working with hand sanders

Select your support grid:



Workpiece-friendly wooden support grid
Art. no.: 5180050
L x W: 1440 x 800 mm



Metal support grid with rubber pads
Art. no.: 5180055
L x W: 1350 x 693 mm
Hole Ø = 20mm / 29mm
Incl. 6 plug-in stops

HDT 1000 AS

Practical sanding table with dust extraction for dust-free work

- ▶ Enables dust-free sanding without an external extraction system
- ▶ Built-in fan for reliable extraction
- ▶ High suction power due to large filter surface
- ▶ Filtered air is recirculated - ensures clean air at the workplace
- ▶ Fold-away side sections for sanding longer workpieces
- ▶ Rubberised table pads prevent scratches on sensitive surfaces
- ▶ Pull-out dust collector at the front for easy emptying
- ▶ Compact design - ideal for workshops with limited space

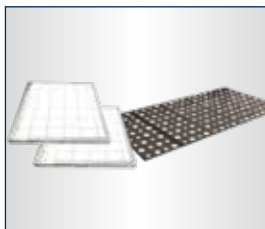


Technical data		HDT 1000 AS
Art. no.		5180010
Table dimensions (L x W)	mm	1000 x 545
Load capacity	kg	150
Air flow	m ³ /h	4000
Working height min. / max.	mm	750 / 810
Motor power	kW/V	0.45 / 230
Dimensions (L x W x H) approx.	mm	1000 x 545 x 850
Weight approx.	kg	66

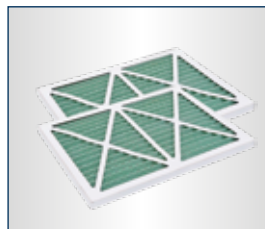


- Large filter surfaces for dust-free working
- Quick and easy filter change
- The illustration shows the filters that are available as accessories for wood sanding.

Accessories



- 1 Two filter elements for grinding metal
- Five stainless steel table inserts for grinding metal



- 2 FFilter set for wood sanding



- 3 Filter set for metal grinding

Scope of delivery:

- Two filter elements for sanding wood
- Five metal table inserts with rubberised supports
- Six workpiece stops

Accessories

	Art. No.
1 Conversion kit for metal grinding	5180060
2 Filter set for wood sanding	5180061
3 Filter set for metal grinding	5180062

TWB 1

Compact workbench mobile, robust and versatile

- ▶ Solid worktop made of finger-jointed beech wood for maximum durability
- ▶ Precise front pliers with double guide rods and an opening capacity of 130 mm
- ▶ Ideal for mobile use - compact, lightweight (only 10 kg) and ready for use anywhere
- ▶ Quick and easy mounting on any table, thanks to clamping of the feet
- ▶ Includes four practical bench hooks for versatile clamping options in the 19 mm hole system



- Maximum flexibility for workpiece clamping thanks to the bench hooks supplied
- Picture shows accessories not included in the scope of delivery



Video and Information

Technical data		TWB 1
Art. no.		5102160
Work surface without clamp	mm	360 x 410
Panel thickness	mm	30
Max. load capacity	mm	40
Front clamp span	mm	130
Dimensions (L x W x H) approx.	mm	560 x 360 x 110
Weight approx.	kg	10

HB 1401 / HB 1901 / HB 1701

Planing benches for hobby craftspeople to carpenters

- ▶ Precise manufacturing and careful processing
- ▶ Made entirely from steamed, solid copper beech
- ▶ Compact workbench for trade and training
- ▶ With shelf and four round bench hooks as standard
- ▶ Delivery is disassembled for self-assembly

HOLZKRAFT HB 1701

- ▶ Upper section made from continuous beech glulam panels
- ▶ Base frame made from finger-jointed glued beech wood
- ▶ Carefully crafted tool drawer
- ▶ With French front and rear clamps
- ▶ Surfaces oiled in an environmentally friendly way
- ▶ Suitable for both left- and right-handed users thanks to pre-drilled holes for the collets

HOLZKRAFT HB 1401 and 1901

- ▶ Finger-jointed glued laminated beech wood
- ▶ Surface untreated



HB 1401 and HB 1901 with two rows of bench hook holes



HB 1901



HB 1701



Technical data		HB 1401	HB 1701	HB 1901
Art. no.		5101411	5101711	5101911
Max. load capacity	kg	350	350	350
Work surface without clamps	mm	1340 x 500	1650 x 610	1840 x 500
Length front/rear clamp	mm	350 / 360	360 / 360	360 / 360
Width front/rear clamp	mm	55 / 55	55 / 55	55 / 55
Span front/rear clamp	mm	160 / 160	130 / 130	160 / 160
Panel thickness	mm	30	30	30
Working height	mm	850	850	850
Dimensions (L x W) approx.	mm	1500 x 650	1800 x 760	2000 x 650
Weight approx.	kg	47	62	62

Accessories	Built-in wardrobe H2
Art. no.	5102156
Dimensions (L x W x H) approx.	1,000 x 410 x 460 mm
Weight approx.	30 kg



HB 1601 / HB 2007 / HB 2010

Joiner's workbenches

- ▶ Workbenches in professional design
- ▶ Precise and careful processing
- ▶ Made entirely from steamed, solid copper beech
- ▶ All important edges are rounded
- ▶ Surfaces oiled in an environmentally friendly way
- ▶ With tool drawer as standard
- ▶ The two cylinder rods of the collets are guided precisely and stably in a casting
- ▶ Smooth-running trapezoidal threaded spindle

HB 1601

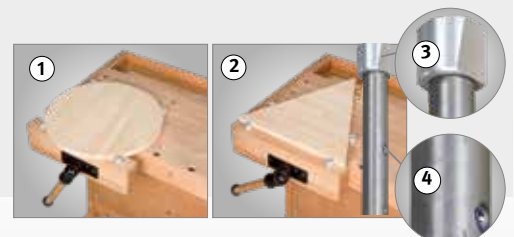
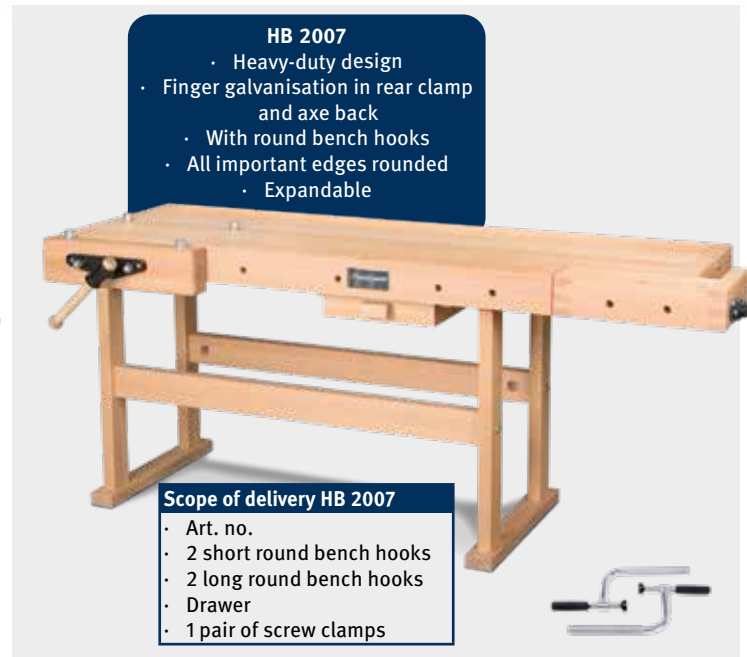
- ▶ With French front and rear clamps, 2 long round bench hooks, drawer and hatchet

HB 2007 Additional equipment:

- ▶ With French front clamp and German rear clamp with linear guide, 2 short round bench hooks, 2 long round bench hooks, drawer and hatchet
- ▶ Finger galvanisation in rear clamp and axe back
- ▶ Extendable with base cabinet and tilting drawer

HB 2010 Additional equipment:

- ▶ like HB 2007 with the following differences:
- ▶ Dovetail galvanisation in rear clamp and axe back
- ▶ More solid linear guide on the rear clamp
- ▶ Particularly heavy-duty design of the table and base frame for stability
- ▶ Heavy and stable clamp guides



Technical data		HB 1601	HB 2007	HB 2010
Art. no.		5101163	5102070A	5102102
Max. load capacity	kg	500	600	600
Work surface without clamps	mm	1600 x 600	1915 x 615	1910 x 615
Length front/rear clamp	mm	360 / 360	520 / 450	520 / 460
Width front/rear clamp	mm	70 / 70	70 / 140	70 / 140
Wingspan front clamp	mm	130	190	190
Span rear clamp	mm	130	180	190
Panel thickness	mm	30	50	50
Working height	mm	850	870	870
Dimensions (L x W) approx.	mm	1760 x 770	2120 x 790	2100 x 700
Weight approx.	kg	61	91	97

- The standard, rotating **round bench hooks** make it easier to clamp a wide variety of workpieces (image 1 + 2)
- The clamping heads are made of aluminium. This prevents damage to your tools in the event of accidental contact
- The lateral, angled clamping surface of the round heads presses the workpiece evenly downwards against the worktop when clamping (Fig. 3)
- The round bench hooks can be positioned at different heights using adjustable pressure elements (4).

Accessories for HB 2007 and HB 2010

Built-in wardrobe:

Art. No. 5102140
4 drawers, 2 doors, lockable, dimensions (L x W x H) approx: 1,195 x 460 x 480 mm (Planer bench not included in the scope of delivery!)



Tilting drawer with tool holders:

Art. No. 5102142
Lockable, with tool holders as standard, dimensions: 1,195 x 450 x 480 mm (Planer bench not included in the scope of delivery!)



Optional deadman for attachment

HB 2007 and HB 2010 with additional bench hook holes on the front of the bench hook rail for even more clamping options



Optional deadman for attachment
Art. No. 5102150

Round bench hook set short
Art. No. 5102152



Round bench hook set long
Art. No. 5102151



Tilt drawer assembly suggestion:

Chisel 6 - 30 mm (Kirsch), screwdriver set, half-round file large, half-round rasp large, pointed drill, reamer, scraper, moulding plane with double, double moulding plane, whetstone, metal hammer 300g, flat file metal, drill cassette, round file Ø 10 mm, triangular file, pin punch 3 and 5 mm, Puk bow saw small, plasterer's plane, robbing bench 480 mm long, bevelled beech bevel, mitre gauge in beech, angle with leg dimension 25 cm, Japanese saw, protractor, coating gauge, pincers

**HB 2080
Planer bench in professional design**



- ▶ Particularly heavy-duty design of the table and base frame for stability
- ▶ Precise and careful processing
- ▶ Made entirely from steamed, solid copper beech
- ▶ Dovetail galvanisation in rear clamp and axe back
- ▶ All important edges are rounded
- ▶ Surfaces oiled in an environmentally friendly way
- ▶ With tool drawer as standard

- ▶ French front pliers with double spindle with concealed transmission by means of gears and chain
- ▶ With German rear pliers and double linear guide
- ▶ Dovetail galvanisation in rear gripper and axe back



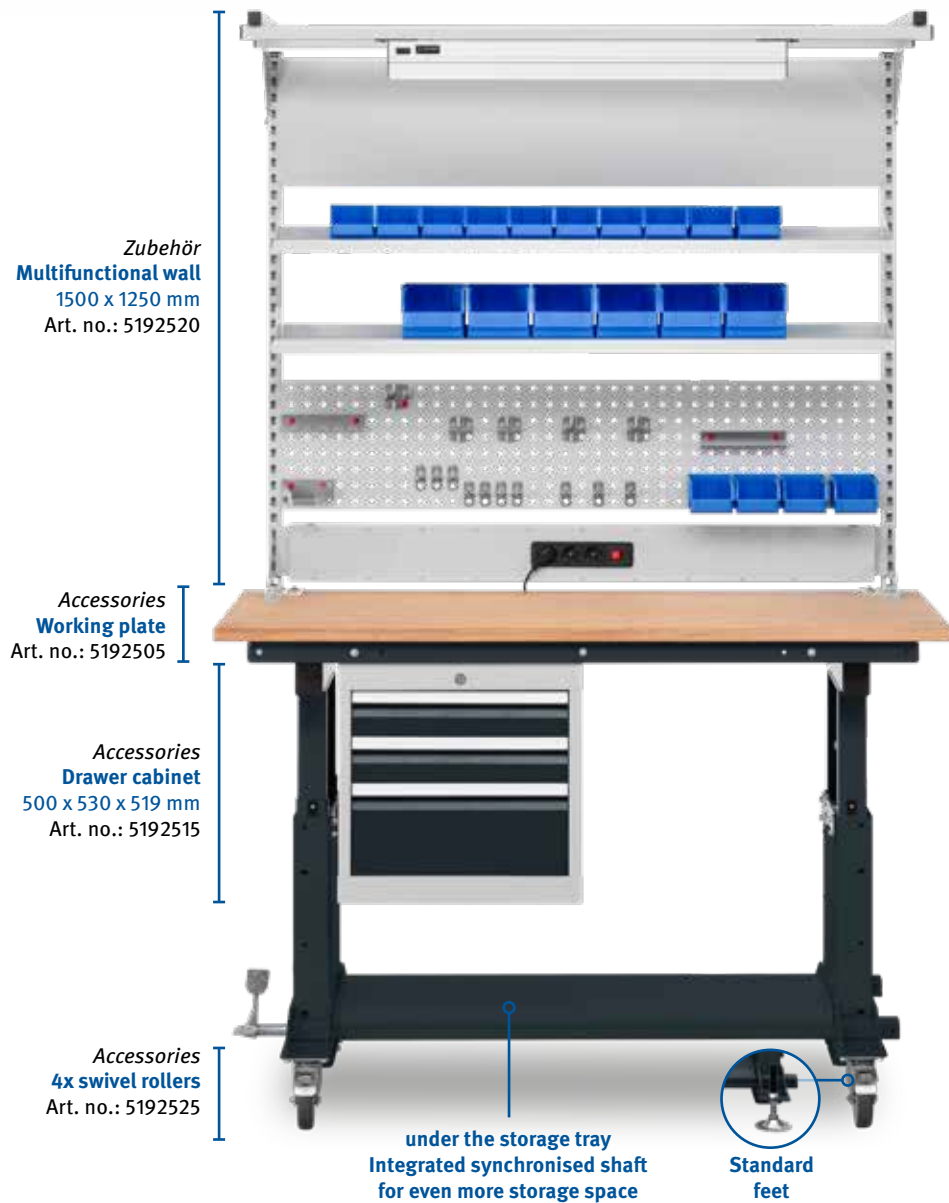
Technical data		HB 2080
Art. No.		5102180
Max. load capacity	kg	750
Work surface without clamps	mm	1910 x 615
Length front/rear clamp	mm	700 / 460
Width front/rear clamp	mm	100 / 140
Wingspan front clamp	mm	250
Span rear clamp	mm	215
Panel thickness	mm	80
Working height	mm	870
Dimensions (L x W) approx.	mm	2165 x 855
Weight approx.	kg	141

Scope of delivery:

- Two short round bench hooks
- Two long round bench hooks
- Drawer

AMT 505 Infinitely height-adjustable work and assembly table

- ▶ Height adjustment using the foot hydraulics
- ▶ Robust helper in every workshop and working environment
- ▶ The patented height adjustment system ensures smooth and stepless height adjustment. Even with uneven load distribution or off-centre loading
- ▶ More storage space thanks to the synchronised shaft mounted under the shelf, e.g. for the drawer cabinet available as an accessory
- ▶ No jamming or jerking thanks to the synchronised guide
- ▶ Reacts quickly and at a well-dosed speed
- ▶ Solid, height-adjustable feet for a secure hold
- ▶ Configurable with a wide range of accessories



Accessories

Worktop	Article no.
1,600 x 790 x 30 mm	5192505



Perforated grid plate	Article no.
1,600 x 790 x 30 mm	5192506



Workbench top	Article no.
1,600 x 800 x 50 mm	5192508



Steel perforated grid panel 16 mm system	Article no.
1,500 x 1,000 x 50 mm	5192509



Worktop	Article no.
1,600 x 790 x 30 mm	5192507



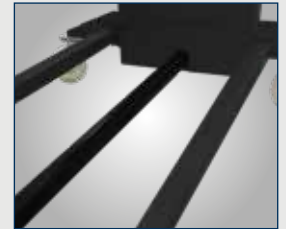
Technical data		AMT 505
Art. No.		5192500
Load capacity	kg	500
Table height min.– max.	mm	670 – 970
Platform external length / width	mm	1460 / 740
Dimensions (L x W x H) approx.	mm	1460 x 740 x 670
Weight approx.	kg	130

AMT 500 Work and assembly table

- ▶ Infinitely height-adjustable assembly table
- ▶ Height adjustment using the foot hydraulics
- ▶ Robust helper in every workshop and working environment
- ▶ The patented height adjustment system ensures smooth and stepless height adjustment. Even with uneven load distribution or off-centre loading
- ▶ No jamming, no jerking
- ▶ Reacts quickly and at a well-dosed speed
- ▶ Clear width of 1105 mm between the lifting columns
- ▶ Four swivel rollers, two with brakes



• Lifting units are protected from dirt and damage



• Lower synchronising shaft can optionally disappear under a shelf



• Four rollers with two brakes ensure flexibility and stability

Accessories

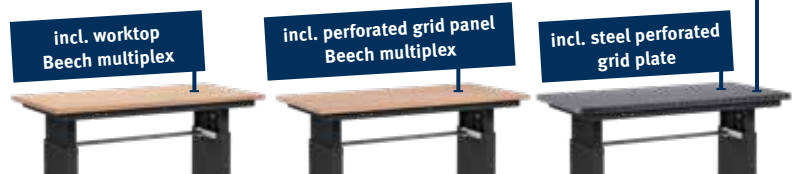


Patented



Steel sheet shelf	Article no.
Space for tools, accessories, base cabinet, etc	6110500

Steel perforated grid plate	
Material thickness	approx. 11.5 – 13 mm
Bores	with radius 2 mm
Corners and edges	with radius 3/6 mm
Grid	50 x 50 mm
Side panel	50 mm high
Bore spacing	50 mm
Side cheek	



Technical data		AMT 500	AMT 500B	AMT 500 BL	AMT 500 SL
Art. No.		5191500	5191501	5191502	5191505
Load capacity	kg	500	500	500	500
Support plate		–	Worktop Beech multiplex	Perforated panel Beech multiplex	Steel perforated grid plate
Platform size	mm	1460 x 740	–	–	–
Plate size	mm	–	1600 x 790 x 30	1600 x 790 x 30	1600 x 790 x 50
Total height max.	mm	970	1000	1000	1000
Useful stroke	mm	300	300	300	300
Lifting unit		1 x left	1 x left	1 x left	1 x left
Swivel roller ø	mm	125	125	125	125
Dimensions (L x W x H) approx.	mm	1460 x 740 x 670	1460 x 740 x 700	1460 x 740 x 700	1460 x 740 x 720
Weight approx.	kg	120	140	140	290

HT series

Mobile work tables, height-adjustable and configurable with different table tops

- ▶ Robust steel construction
- ▶ Ergonomic and flexible working thanks to hydraulic height adjustment
- ▶ Can be configured as required with different worktops for multifunctional use
- ▶ Integrated handles for easy manoeuvring in the workshop
- ▶ Easy to manoeuvre thanks to robust swivel rollers with safety wheel guard and parking brake

HT 601

- ▶ with double hydraulic pistons and enlarged table surface



HT 301 M



HT 301 L



HT 601



- Safety catch protects against unintentional lowering

Technical data		HT 301 M	HT 301 L	HT 601
Art. No.		6130300	6130305	6130600
Load capacity	t	0.3	0.3	0.65
Table height min./max.	mm	490 / 1100	430 / 1085	455 / 1210
Table (L x W)	mm	1100 x 640	1500 x 830	1500 x 830
Stroke per pump movement	mm	250	300	300
Dimensions (L x W x H) approx.	mm	1100 x 640 x 400	2020 x 1020 x 550	2020 x 1020 x 550
Weight approx.	kg	74	130	157

YOU WILL FIND SUITABLE CLAMPING TOOLS IN THE WELDING FORCE CAMPAIGN UNICRAFT ACTION OR IN THE UNICRAFT MAIN CATALOGUE

	MDF perforated worktop	Art. No.	HT 301 M	HT 301 L	HT 601
	1100 x 640 x 18 mm Bore Ø 20 mm	6140000	•		
	1200 x 800 x 18 mm Bore Ø 20 mm	6140001	•		
	1500 x 800 x 25 mm Bore Ø 25 mm	6140011		•	•
	2020 x 1,020 x 25 mm Bore Ø 25 mm	6140012		•	•
	Welding table top with side panel				
	1.100 x 640 x 100 mm DrillingØ 28 mm	6140003	•		
	1.500 x 830 x 100 mm DrillingØ 28 mm	6140013		•	•
	1.500 x 830 x 125 mm DrillingØ 28 mm	6140014		•	•
	Welding table top 1,200 x 750 x 12 mm Hole diameter 28 mm	6140002	•		
	Roller conveyor attachment 1,200 x 560 mm	6140004	•		
	Plate swivel frame	6140010		•	•

Fig. plate Swivel frame

HT 350 S/HT 350 M

Mobile work tables, height-adjustable and configurable with different table tops

- ▶ Adjustment of the table to the desired working height using foot hydraulics
- ▶ Easy to manoeuvre thanks to four swivel rollers with a diameter of 125 mm
- ▶ Two rollers equipped with brakes
- ▶ Different worktops can be mounted on the base frame, securely fixed with four pins



HT 350 M



• Foot-operated hydraulics for adjusting the table to the desired working height



• Easy to manoeuvre thanks to four swivel rollers, two rollers fitted with brakes



• The locking lever secures mechanically at normal height

HEIGHT-ADJUSTABLE STANDING WORKSTATIONS ARE PARTICULARLY RECOMMENDED.
THINK ABOUT YOUR HEALTH

HT 350 M PSR

Mobile workstation table, height-adjustable, with swivel plate frame

- ▶ Adjustment of the table to the desired working height using foot hydraulics
- ▶ Design principle with smooth-running scissor mechanism ensures that the platform can be raised and lowered absolutely parallel
- ▶ Easy to manoeuvre thanks to four swivel rollers with a diameter of 125 mm
- ▶ Two rollers equipped with brakes
- ▶ Assembly and disassembly of the swivel plate frame on the platform base frame in a few simple steps
- ▶ Fulfills the safety criteria of EN 1570-1



HT 350 M PSR

Table top HPL perforated grid panel
1,200 x 800 mm;
Perforated grid with
Ø20 mm



Table top HPL
Perforated grid panel
Art. No. 5194200

Table top HPL perforated grid panel
1,200 x 800 mm;
Perforated grid with
Ø20 mm Drawer



Table top HPL
Perforated panel
Includes drawer
Art. No. 5194201

Table top HPL perforated grid panel
1,200 x 800 mm/ 1,600 x 1,200 mm;
Perforated grid with Ø20 mm
with drawer



Table top HPL
Perforated panel
Includes drawer
Art. No. 5194202

Accessories HT 350 S

Metal worktop, smooth 1,000 x 600 mm
Panel thickness 3 mm



Metal worktop,
smooth 1,000 x 600 mm
Art. No. 5193300

Worktop Beech multiplex
1250 x 800 mm;
Panel thickness 30 mm
with 4 socket pins



Worktop
Beech multiplex
Art. no. 5193301

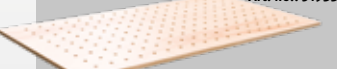
Beech multiplex perforated worktop
1,250 x 800 mm; panel thickness 30 mm,
hole pattern 100 mm,
bore diameter 22 mm



Perforated grid working
beech multiplex board
Art. no. 5193302

Accessory HT 350 M

Beech multiplex perforated worktop
1,250 x 800 mm; panel thickness 30 mm,
hole pattern 100 mm,
bore diameter 22 mm



Beech multiplex
perforated worktop
Art. no.: 5193310

Technical data		HT 350 S	HT 350 M	HT 350 M PSR
Art. No.		5192350	5192351	5192352
Load capacity	t	0.35	0.35	0.35
Max. load capacity of swivel frame	t	-	-	0.12
Table height min.	mm	400	400	400
Table height max.	mm	1010	1010	1010
Dimensions (L x W x H) approx.	mm	970 x 590 x 400	1200 x 740 x 400	1200 x 740 x 400
Platform (L x W)	mm	970 x 590	1200 x 740	-
Roller diameter	mm	125	125	125
Weight approx.	kg	60	80	80
Swivel frame (L x W)	mm	-	-	1500 x 1800
Swivel frame, weight approx.	kg	-	-	10

HT 350 L / HT 350 L LAP

Mobile scissor lift tables, with double horizontal scissors

- ▶ Construction made of high-quality steel profiles for extremely high stability
- ▶ Adjustment of the table to the desired working height using foot hydraulics
- ▶ Easy to manoeuvre thanks to four swivel rollers
- ▶ Two castors with parking brake
- ▶ Different worktops can be mounted on the base frame, secure fastening with plug pins
- ▶ Fulfils the safety criteria of EN 1570-1

HT 350 L LAP

- ▶ Including high-quality perforated grid panel made of beech multiplex



HT 350 L



HT 350 L LAP

Scope of delivery

Perforated grid panel, beech multiplex
2000 x 1000 x 30 mm,
Hole pattern 100 mm, hole Ø 22 mm

Technical data		HT 350 L	HT 350 L LAP
Art. No.		5192355	5192356
Load capacity	t	0.35	0.35
Table height min./max.	mm	400 / 1010	430 / 1040
Dimensions (L x W x H) approx.	mm	1900 x 740 x 400	2000 x 1000 x 430
Platform (L x W)	mm	1900 x 740	2000 x 1000
Roller diameter	mm	125	125
Weight approx.	kg	140	188

Accessories suitable for perforated grid plate

Clamp

Art. No.

5193315



Quick release with angular gear

Art. No.

5193316



Single abutment

Art. No.

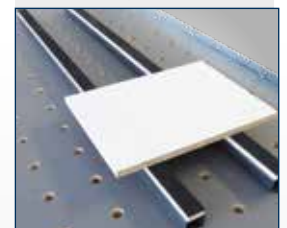
5193317



Support rail with anti-slip surface

Art. No.

5193318



· Figure shows 2 support rails

HT 600 / HT 600 LAP

Mobile, height-adjustable work tables with single scissor mechanism

- ▶ Sturdy construction made of high-quality steel profiles
- ▶ Adjustment of the table height using foot hydraulics
- ▶ Easy to manoeuvre thanks to four swivel rollers
- ▶ Two castors with parking brake

- HT 600**
- ▶ Different worktops can be mounted on the base frame
- HT 600 LAP**
- ▶ Including high-quality perforated grid plate



HT 600

HT 600 LAP



- Wide bearing of the joint bolts for particularly high stability.



- The locking lever secures mechanically at normal height



- Construction made of high-quality steel profiles ensures high stability

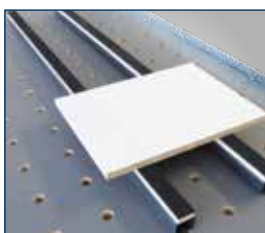


- Careful height adjustment, even when handling delicate objects

Accessories suitable for perforated grid plate



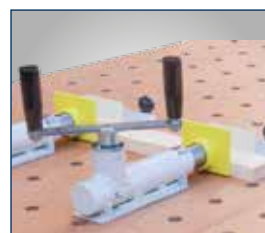
- 1 single abutment



- 2 support rail with anti-slip surface



- 3 Clamp



- 4 Quick release with angular gear
- Figure shows 2 support rails

Scope of delivery

Perforated grid plate
Beech multiplex 2,000 x 1,000 x 30 mm, hole pattern 100 mm, hole Ø 22 mm

Technical data		HT 600	HT 600 LAP
Art. No.		5192600	5192605
Load capacity	t	0.6	0.6
Table height min./max.	mm	400 / 1010	430 / 1040
Dimensions (L x W x H) approx.	mm	1900 x 740 x 400	2000 x 1000 x 430
Platform (L x W)	mm	1900 x 740	2000 x 1000
Roller diameter	mm	125	125
Weight approx.	kg	190	238

Accessories	Art. No.
1 single abutment	5193317
2 Support rail	5193318
3 Clamp	5193315
4 Quick release with angular gear	5193316

VP 3000 x 4 / VP 3000 x 6 RP

Gluing presses for precise pressure in the right place

VP 3000 x 4

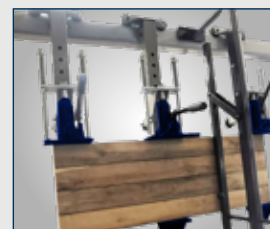
- ▶ Supports the production of table tops and the gluing of solid edges
- ▶ Uniform vertical pressure exerted thanks to double spring-loaded guidance of the hand-hydraulic pressing units
- ▶ Integrated hold-down device for full-surface support of the workpiece

VP 3000 x 6 RP

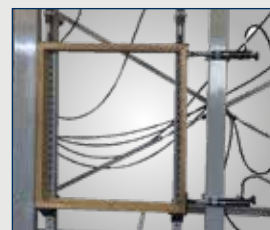
- ▶ Ideal for the production of frames, windows and doors thanks to horizontal and vertical pressing units
- ▶ Centralised generation of hydraulic pressure via hand pump with pressure indicator
- ▶ Each pressing unit can be switched off individually with stopcock
- ▶ Integrated hold-down device for full-surface support of the workpiece



VP 3000 x 4

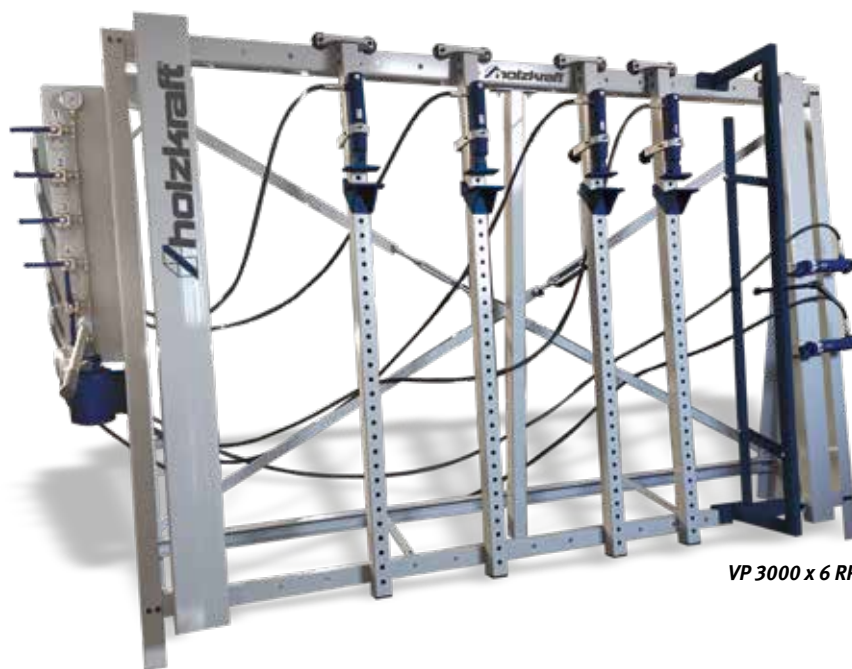


• *Integrated hold-down device presses the workpiece against the vertical profiles and prevents the workpiece from bending*



VP 3000 x 6 RP:

• *Ideal for the production of frames, windows and doors thanks to horizontal and vertical pressing units*



VP 3000 x 6 RP

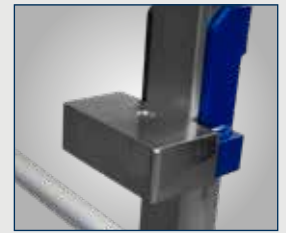
Technical data		VP 3000 x 4	VP 3000 x 6 RP
Art. No.		5800030	5800300
Working area (H x W)	mm	1460 x 2900	1550 x 2,500
Number of vertical press units		4	4
Number of horizontal press units		-	2
Piston stroke max.	mm	70	95
Pressing force max.	kg	2000	2500
Hydraulic oil quantity	l	0.12	1.6
Vertical hole pattern	mm	50	50
Horizontal hole pattern	mm	-	240
Number of pistons	Pc	4	6
Dimensions (L x W x H) approx.	mm	2900 x 900 x 2000	3300 x 900 x 2000
Weight approx.	kg	220	325

VP 3000x3 PRO / VP 3000x5RP PRO Solid gluing presses for the professional sector

- ▶ Supports the production of table tops and the gluing of solid edges
- ▶ Torsion-resistant base frame made of sturdy welded frame construction with thick-walled profile tubes and laser-machined steel parts
- ▶ Three vertical pressure beams with roller bearings made of solid profile tube, galvanised
- ▶ Horizontal and vertical adjustment of the manual hydraulic press units possible
- ▶ Three vertical manual hydraulic press units with ergonomic handle and comfort adjustment
- ▶ Lower abutment with safety catch, adjustable in 5 positions on a grid
- ▶ Powder-coated and glue-repellent frame components



Fig.: 3000x5 RP PRO with additional pressure beam, hold-down device and trolley available as accessories.



- Solid abutment with safety catch, adjustable in 5 positions on a grid



- Comfort adjustment of the manual hydraulic press units



- Maximum clamping force of 20000 N per pressing unit



- ① hold-down device



- ② Chassis



- ③ body press device

Technical data		VP 3000x3 PRO	VP 3000x5 RP PRO
Art. No.		5801030	5801300
Working area (H x W)	mm	1.610 x 3000	1610 x 2630
Number of horizontal press units		-	2
Number Press units vertical		3	3
Piston stroke max.	mm	60	60
Max. pressing force	N	20000	20000
Vertical hole pattern	mm	50	50
Dimensions (L x W x H)	mm	3200 x 730 x 2090	3300 x 730 x 2090
Weight approx.	kg	350	400

Accessories	Art. No.
Vertical pressure beam type SK	5802000
① Hold-down device with spindle pressure	5802001
② Chassis for flexible manoeuvring of the gluing	5802002
③ Carcase pressing device top/ bottom 600 mm deep (is required at least twice to press a carcass)	5802003

HBBS series

Log band saws for precise saw cuts when ripping logs

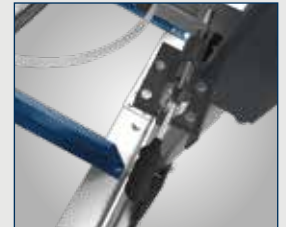
- ▶ Solid cast wheels driven by an electric motor or petrol engine
 - ▶ Manual adjustment of the cutting height via hand crank
 - ▶ Robust and torsion-resistant steel construction
 - ▶ Simple operation with the aid of a manual saw feed
 - ▶ Safety switch integrated in the handle for safe operation
 - ▶ Stable clamping of the log thanks to adjustable tips
 - ▶ Built-in chip brushes for a clean saw blade
 - ▶ Precise cuts thanks to adjustable saw blade guide
 - ▶ Low friction between saw blade and wood thanks to integrated blade lubrication
- ▶ The side-mounted chip removal system ensures a clean working area
 - ▶ Any cutting length thanks to bed extensions available as accessories
 - ▶ Suitable for softwood and hardwood

HBBS 660 G / HBBS 810 G

- ▶ Drive via petrol engine



- Adjustable saw blade guide for precise sawing (Fig. HBBS 400)



- Locking lever on both sides for locking the cutting height



HBBS 400

HBBS 660 G



Application example
HBBS 600

Accessories	Art. No.
Turning hook WH 1	5671000
Loading ramp	5671005
HBBS 400	
Bed extension 1.5 m	5671400
Band saw 2,750 2,750 x 27 x 0.9 mm	
T 22 mm X-Cut	5671930
T 22 mm Flex-Back	5671900
HBBS 660 / 660G	
Bed extension 2 m	5671660
Cable winch	5671010
Band saw 3,652 2,750 x 35 x 0.9 mm	
T 22 mm X-Cut	5671935
T 22 mm Flex-Back	5671905
HBBS 810 / 810G	
Bed extension 2 m	5671810
Cable winch	5671010
Band saw 4,004 2,750 x 35 x 0.9 mm	
T 22 mm X-Cut	5671940
T 22 mm Flex-Back	5671910

Saw band X-Cut

- Tooth tips hardened to 60–62 HRC, each pair set, ground
- Every third tooth stelled
- No additional cupboards necessary
- Maximum performance through minimal cutting pressure

Flex-Back saw blade

- Tooth-tipped hardened saw blade with flexible blade back
- Toothed, set and ground
- Tooth tips hardened to 60 - 62 HRC and blade back straightened
- Long service life even with hard materials
- Flexibility and tooth shape counteract the risk of breakage

Technical data		HBBS 400	HBBS 660	HBBS 810	HBBS 660 G	HBBS 810 G
Art. No.		5670401 (230V) 5670403 (400V)	5670663	5670813	5670664	5670814
Max. trunk diameter	mm	400	660	810	660	810
Saw band speed	m/s	14	18	18	20	20
Cutting width X length max.	mm	350 x 2500	530 x 3200	700 x 3200	530 x 3200	700 x 3200
Passage over saw band	mm	150	190	190	190	190
Saw band	mm	2750 x 19 x 0.9	3650 x 34 x 1	4015 x 34 x 1	3650 x 34 x 1	4015 x 34 x 1
Motor power	kW	2.2	5.5	7.5	11	11
Connection voltage ~50Hz		230 or 400	400	400	Petrol	Petrol
Dimensions (L x W x H) approx.	mm	3000 x 1500 x 1300	4000 x 2150 x 2000	4000 x 2350 x 2080	4000 x 2150 x 2000	4000 x 2350 x 2080
Weight approx.	kg	150	330	380	340	390

HWS series Rocker circular saw with direct drive

- ▶ Closed and safe sawing area for greater safety thanks to legally prescribed saw guard
- ▶ Anti-twist protection of the wood through punched barbs in the rocker
- ▶ Sturdy, torsion-resistant steel frame
- ▶ Robust and powerful circular saw motor
- ▶ Effort-saving operation thanks to ideal luffing pivot point
- ▶ Mobile device for easy transport
- ▶ Impact-, scratch- and weather-resistant thanks to high-quality powder coating
- ▶ Electric motor with direct drive
- ▶ Phase inverter for all 400 V models

HWS 701 S / HWS 702 S

- ▶ Safe working thanks to movable handle for fixing the cut material in the rocker, making it easier to move the rocker even when fully loaded
- ▶ Rocker extension with cutting length indicator for easy cutting of equal wood lengths

Scope of delivery

- ▶ **HWS 505 K:** Carbide saw blade Ø 505 mm Z40
- ▶ **From HWS 720K:** Carbide saw blade Ø 700 mm Z42 Made in Germany

Including

PROTECTIVE DEVICE
EN standard 1870-6 since 1 July 2018

HWS 505 K

- ▶ 230 V or 400 V available
- ▶ Delivery partially assembled



HWS 720 K

- ▶ High cutting performance
- ▶ Delivery partially assembled



HWS 701 K (5.2 kW) / HWS 702 K (7.5 kW)

- ▶ High cutting performance
- ▶ Rocker extension with cutting length indicator for easy cutting of equal wood lengths
- ▶ Delivery fully assembled



Including
Rocker extension

HWS 701 S (5.2 kW) / HWS 702 S (7.5 kW)

- ▶ High cutting performance
- ▶ Safe and smooth operation even when fully loaded thanks to the movable handle, which fixes the cuttings in the rocker
- ▶ Rocker extension
- ▶ Delivery fully assembled



Including
Rocker extension

Technical data		HWS 505 K	HWS 720 K	HWS 701 K	HWS 702 K	HWS 701 S	HWS 702 S
Art. No.		5965505 (230 V)/ 5965506 (400 V)	5965721	5966701	5966702	5963703	5963710
Saw blade Ø	mm	500 / 505	700	700	700	700	700
Cutting capacity round timber max.	mm	170	240	240	240	240	240
Cutting capacity firewood max.	mm	240 x 190	370 x 240	370 x 240	370 x 240	370 x 240	370 x 240
Rocker support	mm	735	735	735	735	735	735
Motor speed	min ⁻¹	2800	1400	1380	1400	1380	1400
Motor power ~50 Hz	kW/V	2.6 / 230 or 400	4.5 / 400	5.2 / 400	7.5 / 400	5.2 / 400	7.5 / 400
Dimensions (L x W x H) approx.	mm	860 x 775 x 990	1270 x 730 x 1130	1270 x 730 x 1130	1270 x 730 x 1130	1270 x 730 x 1130	1270 x 730 x 1130
Weight approx.	kg	75	100	117	121.5	123.5	128

HWSR series Rocking circular saws with V-belt drive

- ▶ Closed and safe sawing area for greater safety thanks to legally prescribed saw guard
- ▶ Robust construction with V-belt drive enables greater cutting depth and particularly high cutting volume
- ▶ Anti-twist protection of the wood through punched barbs in the rocker
- ▶ Sturdy, torsion-resistant steel frame
- ▶ Effort-saving operation thanks to ideal luffing pivot point
- ▶ Rocker extension with cutting length indicator for easy cutting of equal wood lengths
- ▶ Impact-, scratch- and weather-resistant thanks to high-quality powder coating
- ▶ Phase inverter for all 400 V models
- ▶ Delivery fully assembled

Cutting heights 	Saw blade Made in Germany
V-belt +30% Greater cutting depth	Including PROTECTIVE DEVICE EN standard 1870-6 since 1 July 2018

HWSR 701 K

- ▶ Robust and powerful circular saw motor
- ▶ Mobile device for easy transport

700 mm

400V

5.2 kW

Including
Rocker extension

HWSR 702 K

- ▶ Robust and powerful circular saw motor
- ▶ Mobile device for easy transport

700 mm

400V

7.5 kW

Including
Rocker extension

HWS 701 Z K

- ▶ PTO drive
- ▶ Three-point mounting cat. I and II

700 mm

Including
Rocker extension

HWS 701 ZE K

- ▶ Combined PTO/electric drive
- ▶ Robust and powerful circular saw motor
- ▶ Three-point mounting cat. I and II

700 mm

400V

5.2 kW

Including
Rocker extension

Scope of delivery
Carbide saw blade Ø 700 mm Z42

Technical data		HWSR 701 K	HWSR 702 K	HWSR 701 Z K	HWSR 701 ZE K
Art. No.		5966770	5966772	5966773	5966774
Saw blade Ø	mm	700	700	700	700
Cutting capacity round timber max.	mm	250	250	250	250
Cutting capacity firewood max.	mm	370 x 250	370 x 250	370 x 250	370 x 250
Rocker support	mm	735	735	735	735
Motor speed	min ⁻¹	1380	1400	-	1380
Drive		Electric motor with V-belt drive	Electric motor with V-belt drive	PTO shaft²⁾ with V-belt drive	PTO shaft²⁾ / electric motor with V-belt drive
Motor power ~50 Hz	kW/V	5.2 / 400	7.5 / 400	-	5.2 / 400
Dimensions (L x W x H) approx.	mm	1060 x 820 x 1150	1060 x 820 x 1150	1410 x 900 x 1150	1500 x 900 x 1150
Weight approx.	kg	152	156	171	217

2) Recommended tractor power: 20 PS

HWSE 700 K Rocker circular saw with direct drive

- ▶ Closed and safe sawing area for greater safety thanks to legally prescribed saw guard
- ▶ Anti-twist protection of the wood through punched barbs in the rocker
- ▶ Sturdy, torsion-resistant steel frame
- ▶ Mobile device for easy transport
- ▶ Impact-, scratch- and weather-resistant powder coating
- ▶ Phase inverter



Scope of delivery

- Carbide saw blade Ø 700 mm

Technical data	HWSE 700 K
Art. No.	5960702
Saw blade Ø	700 mm
Whole logs	250 mm
Drive	Electric motor with direct drive
Working height	700 mm
Motor speed	1400 min ⁻¹
Motor power ~50 Hz	5 kW / 400 V
Dimensions (L x W x H) approx.	1,030 x 770 x 1095 mm
Weight approx.	92.7 kg



Including
PROTECTIVE DEVICE
EN standard 1870-6 since 1 July 2018

Cutting height
250 mm

HRTS 701 K / HRTSR 701 K Rolling table circular saws with direct or V-belt drive

- ▶ Closed and safe sawing area for greater safety thanks to legally prescribed saw guard
- ▶ Safe working due to movable handle for fixing the cut material
- ▶ Ball-bearing mounted, permanently smooth-running sheet steel sliding table
- ▶ Robust and powerful circular saw motor
- ▶ Sturdy, torsion-resistant steel frame
- ▶ Impact-, scratch- and weather-resistant thanks to high-quality powder coating
- ▶ Phase inverter for all 400 V models
- ▶ Delivery fully assembled

Including
PROTECTIVE DEVICE
EN standard 1870-6 since 1 July 2018

HRTS 701 K

- ▶ Direct drive
- ▶ Mobile device for easy transport



Cutting height

230 mm

HRTSR 701 K

- ▶ Robust construction with V-belt drive enables greater cutting depth and particularly high cutting volume

V-belt
+ 30%
Greater cutting depth



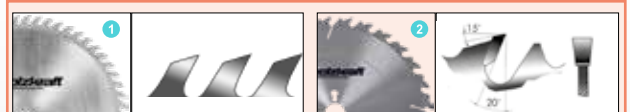
Cutting height

250 mm

Scope of delivery

- Carbide saw blade Ø 700 mm Z42

Technical data		HRTS 701 K	HRTSR 701 K
Art. No.		5966705	5966706
Saw blade Ø	mm	700	700
Cutting capacity table max.	mm	230	250
Speed	min ⁻¹	1380	1380
Drive		Electric motor with direct drive	Electric motor with V-belt drive
Table (L x W x H)	mm	1400 x 850 x 850	1400 x 850 x 850
Motor power ~50 Hz	kW	5.2 / 400	5.2 / 400
Dimensions (L x W x H) approx.	mm	1420 x 860 x 1250	1460 x 855 x 1210
Weight approx.	kg	149	172



Special offers	Art. No.
Wood circular saw blade	
700 x 30 x 3.2 mm 56 teeth	5970070
1 Chrome steel (wolf's tooth), coarse cutting quality	
700 x 30 x 4.2 mm 46 teeth	5970170
2 Hartmetal; (long-cut flat tooth with chip breaker and expansion slots), coarse cutting quality	

FB 4500

Conveyor belt for time-saving removal of the firewood immediately after sawing

- ▶ Variable height adjustment to the loading height of different means of transport
- ▶ Tilt adjustment from 5° to 45° via cable winch with large handwheel
- ▶ Easy and safe folding and unfolding via cable winch and wheel support
- ▶ Can be assembled and dismantled quickly and easily by one person

Equipment

- ▶ Transport wheels with pneumatic tyres (Ø 400 mm)
- ▶ Fully galvanised conveyor trough
- ▶ Steel driver



Illustration shows conveyor belt in transport and storage position



Illustration shows conveyor belt with rocker circular saw HWS 701

▶ Only one person for operation, assembly and disassembly

Model		FB 4500
Art. No.		5964500
Conveyor belt width	mm	250
Conveyor length	m	4.5
Conveyor height at 5°	mm	700
Conveyor height at 45°	mm	3400
Conveyor height at 45° max. approx.	mm	3.5
Belt speed	m/s	0.8
Conveyor belt drive		Electric motor
Motor power ~50 Hz	kW/V	1.1 / 400
Dimension at 5° position of the conveyor belt approx.	mm	1100 x 4800 x 2130
Dimension at 45° position of the conveyor belt approx.	mm	1100 x 3700 x 3500
Transport/storage position dimensions approx.	mm	1100 x 2770 x 2130
Weight approx.	kg	245



Accessories	Art. No.
1 Travelling device for ball head coupling, drawbar with support wheel	5971010
2 Travelling device for tractor towing eye, drawbar with support wheel	5971011

HSE 5-520 KH

Horizontal firewood splitter

- ▶ Closed and safe gap area for greater safety thanks to legally prescribed splitter protection device
- ▶ Can also be used on a workbench thanks to the horizontal working method and no need to set up the material - ideal for prolonged, fatigue-free work
- ▶ Sturdy, torsion-resistant steel construction
- ▶ Easy-to-operate two-hand safety switch for maximum user safety
- ▶ Easy to transport thanks to transport handles and trolley
- ▶ Small footprint

Including
PROTECTIVE DEVICE
EN standard 1870-6
since 1 July 2018



Technical data		HSE 5-520 KH
Art. No.		5981005
Splitting force max.	t	5 t
Cylinder stroke max.	mm	375
Split length max.	mm	520
Split material Ø	mm	max. 250
Forward stroke	cm/s	3.7
Return stroke	cm/s	6.2
Motor power ~50 Hz	kW	2.2 / 230
Dimensions (L x W x H) approx.	mm	1160 x 425 x 610
Weight approx.	kg	50



Accessories	Art. No.
5l Hydraulic oil HYS 46	5999000

HSE series

Log splitter with electric and PTO drive

- ▶ Vertical version for splitting short and metre-long timber
- ▶ Robust and solid construction
- ▶ Impact and scratch-resistant thanks to high-quality powder coating
- ▶ Quick, tool-free splitting height adjustment
- ▶ Low base plate for easy, low-fatigue loading of large logs (does not apply to HSE 8-550)
- ▶ Convenient transport thanks to standard chassis with large rubber wheels
- ▶ Space-saving storage thanks to easily lowerable cylinder
- ▶ Powerful industrial hydraulic system
- ▶ Two-hand safety circuit
- ▶ With splitting material holder

HSE 8-550 to HSE 14-1100:

- ▶ Convenient transport with manual drawbar thanks to standard chassis with hard rubber wheels and additional support wheel
- ▶ With mechanical log lifter

Models HSE 16-1100 to HSE 30-1100 ZE

- ▶ Convenient transport with manual drawbar thanks to standard chassis with large pneumatic wheels and additional support wheel
- ▶ With mechanical log lifter

HSE 8-550



HSE 8-550

HSE 11-1100



HSE 11-1100

HSE 14-1100



HSE 14-1100

Technical data		HSE 8-550	HSE 8-550	HSE 11-1100	HSE 14-1100	HSE 16-1100	HSE 16-1100 Z
Art. No.		5981008	5981009	5981011	5981014	5981016	5981017
Splitting force max.	t	8	8	9.9	14	15.3	15.3
Cylinder stroke	mm	485	485	850	850	880	880
Split length max.	mm	550	550	1040	1040	1100	1100
Split material Ø	mm	300	300	300	300	300	300
Forward speed	cm/s	3.1	6.1	3.7 - 17.6	4.2 - 21.8	4.6 - 14.2	4.6 - 14.2 ¹⁾
Return speed	cm/s	17.1	19.4	6.1	5.2	6.4	6.4 ¹⁾
Drive		Electric motor	Electric motor	Electric motor	Electric motor	Electric motor	PTO shaft
PTO speed	min ⁻¹	-	-	-	-	-	540
Tractor power min.	PS	-	-	-	-	-	17.7
Three-point hanger		-	-	-	-	-	Cat. I
Height bearing position	mm	-	-	-	-	2000	2000
Drive power ~50 Hz	kW	3 / 230	3.5 / 400	3.3 / 400	3.5 / 400	4.5 / 400	-
Dimensions (L x W x H) approx.	mm	845 x 935 x 1500	845 x 935 x 1500	1440 x 1330 x 2280	1440 x 1350 x 2280	1050 x 1550 x 2500	1050 x 1700 x 2500
Weight approx.	kg	110	109	172.5	185	258	244

Model	HSE 5-520 KH Art. no. 5981005	HSE 8-550 (230 V) Art. no. 5981008	HSE 8-550 (400 V) Art. no. 5981009	HSE 11-1100 Art. no. 5981011	HSE 14-1100 Art. no. 5981014	HSE 16-1100 Art. no. 5981016	HSE 16-1100 Z Art. no. 5981017	HSE 16-1100 ZE Art. no. 5981018	HSE 22-1100 Art. no. 5981022	HSE 22-1100 Z Art. no. 5981023	HSE 22-1100 ZE Art. no. 5981024	HSE 30-1100 Z Art. no. 5981030	HSE 30-1100 ZE Art. no. 5981031
1 PTO shaft without slipping clutch 860 mm, Cat. II Art no. 5990014							●	●		●	●	●	●
2 5l hydraulic oil HYS 46 Art no. 5999000	●	●	●	●	●	●	●	●	●	●	●	●	●
3 Sawhorse SB 1; 150 kg Art no. 5900008	●	●	●	●	●	●	●	●	●	●	●	●	●
4 Hydraulic cable winch Art no. 5990500							●	●	●	●	●	●	●



HSE 16-1100



Including
PROTECTIVE DEVICE
EN standard 609-1
since 1 July 2018

HSE 22-1100



HSE 30-1100



Including
PROTECTIVE DEVICE
EN standard 609-1
since 1 July 2018



HSE 16-1100



HSE 22-1100 ZE

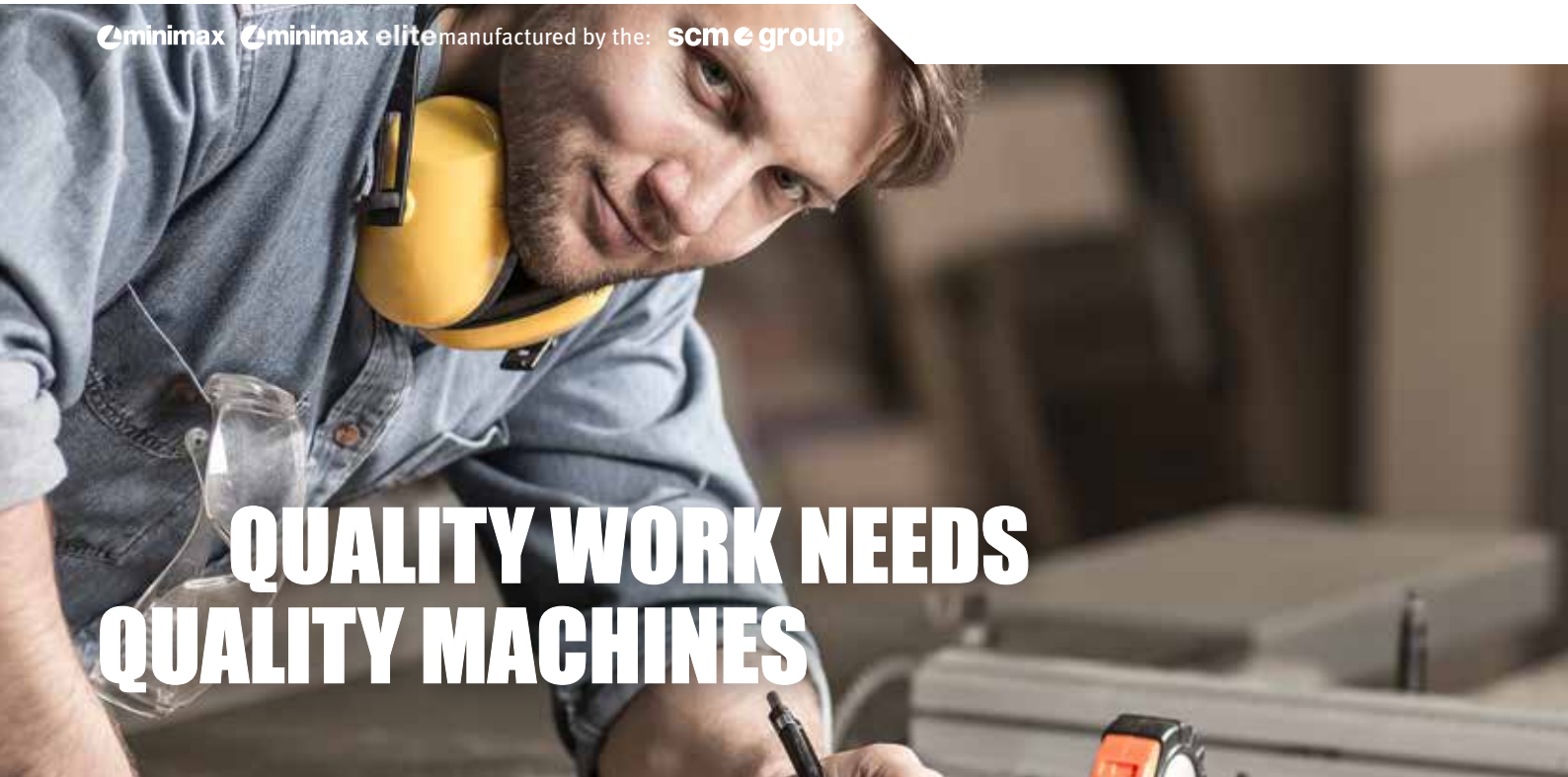


HSE 30-1100 ZE

Technical data		HSE 16-1100 ZE	HSE 22-1100	HSE 22-1100 Z	HSE 22-1100 ZE	HSE 30-1100 Z	HSE 30-1100 ZE
Art. No.		5981018	5981022	5981023	5981024	5981030	5981031
Splitting force max.	t	15.3	23.4	23.4	23.4	26.1	26.1
Cylinder stroke	mm	880	880	880	880	880	880
Split length max.	mm	1100	1100	1100	1100	1100	1100
Split material Ø	mm	300	350	350	350	350	350
Forward speed	cm/s	4.6 – 14.2 ¹⁾	4.3 – 10.5	4.3 – 10.5 ¹⁾	4.3 – 10.5 ¹⁾	3.7 – 12.5 ¹⁾	3.7 – 12.5 ¹⁾
Return speed	cm/s	6.4 ¹⁾	7.5	7.5 ¹⁾	7.5 ¹⁾	6.7 ¹⁾	6.7 ¹⁾
Drive		PTO & motor	Electric motor	PTO shaft	PTO & motor	PTO shaft	PTO & motor
PTO speed	min ⁻¹	540	-	540	540	540	540
Tractor power min.	PS	>7.7	-	>10.7	>10.7	>16	>16
Three-point hanger		Cat. I	-	Cat. I	Cat. I	Cat. I	Cat. I
Height bearing position	mm	2000	2000	2000	2000	2000	2000
Drive power ~50 Hz	kW	4.5 / 400	5.1 / 400	-	5.1 / 400	5.1 / 400	5.5 / 400
Dimensions (L x W x H) approx.	mm	1050 x 1700 x 2500	1050 x 1550 x 2500	1050 x 1700 x 2500	1050 x 1700 x 2500	1050 x 1700 x 2500	1050 x 1700 x 2500
Weight approx.	kg	276	296.5	282	320	333	373

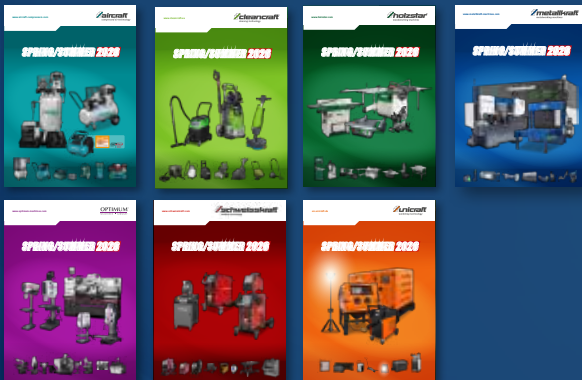
¹⁾ Speed varies, as it depends on the power of the drive source (tractor)

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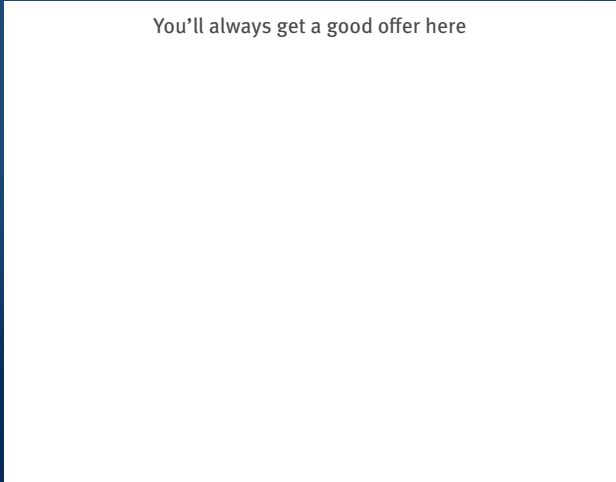
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