

for all purpose bandsawing. MEBASWIThe smart choice

Source: MEBA Metall- Bandsägemaschinen GmbH

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Technical data subject to change Availability subject to country spe

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MEBA**swing** 230 G / 230 DG

Mitre- and double mitre-cut band saw / manual.

45°

45°

200 mm

200 mm

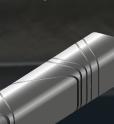
230 DG

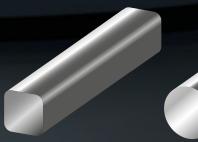


MEBAswing band saws support their operator individually: Different cross-sections, materials and often changing mitre cuts are processed easily. They are the smart choice for all-purpose band sawing and are remarkable in ergonomic and easy handling all while maintaining precision.







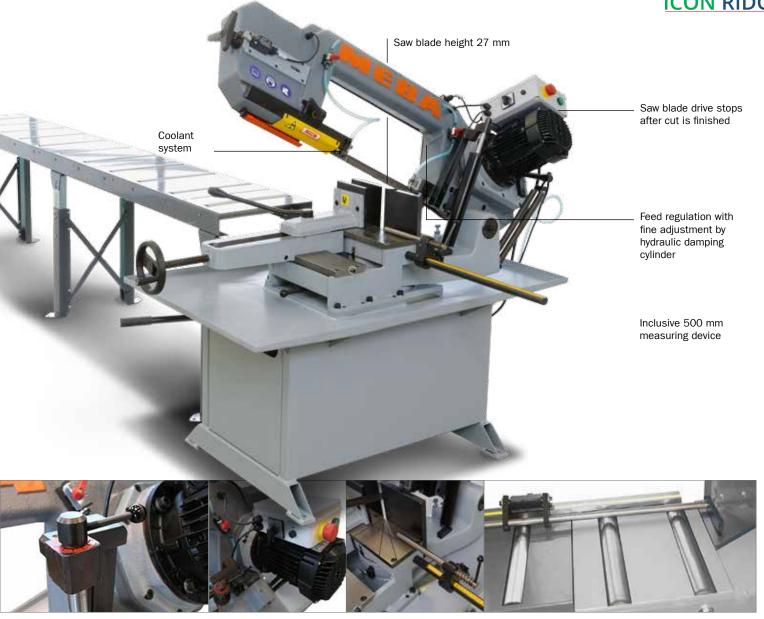




Standard equipment

- Fast adjustment of mitre by scale
- The swivel is directly above the intersection of the saw blade and the fix vice jaw so that there is a datum measuring point which does no change with the mitre angle
- Fast material clamping
- Material is always clamped at 90° regardless of the angle to be cut
- Step-less cutting pressure regulation through weight of the heavy and rigid saw frame and the fine tuning depending on cross-section by hydraulic damping cylinder
- Integrated chip collection tray
- Saw blade drive stops after cut is finished
- Precise saw blade carbide roller guidance
- Measuring device with scale up to 500 mm
- Complete coolant system with immersed pump, can be combined with micro-coolant system





MEBASWING 230 G / 230 DG Manual Model Ø110 120x80 30° lh 45° lh Ø180 200x180 90° Ø230 300x150 45° rh (only 230 DG) Ø170 200x70 Motor 1,00 / 1,5 kW Saw blade 2720x27x0,9 mm Speed of saw blade 28/56 m/min. 5 mm Smallest Ø

Dimensions (LxWxH) 840x1420x1230 mm Working height 735 mm 310 kg 330 kg 230 G Weight

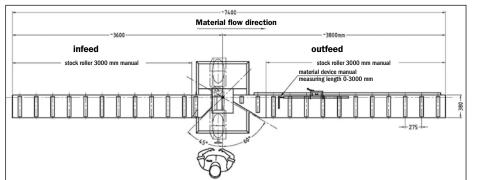
230 DG

MEBAaccessories

MEBA Micro-coolant system Mounting elements Material roller track

MEBAhighlights

Ergonomic and easy to operate Multisided area of application Optimum price / performance ratio 230 DG: Double mitre Measuring device with scale up to 500 mm





MEBA micro-coolant system

- Dry chips
- No drop formation
- No disposal problem
- · Can be retrofitted

MEBAswing 260 DG/260 DG-HS

Double mitre-cut band saw manual / semi-automatic.

Digital measuring device for accurate material positioning

Roller track for material outfeed

Standard equipment

Hydraulic full-stroke material clamping

ICON RIDGE

90° 300 mm

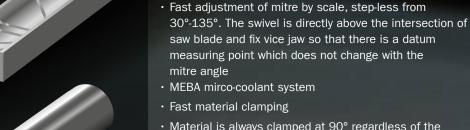












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wheel

• Material is always clamped at 90° regardless of the angle to be cut

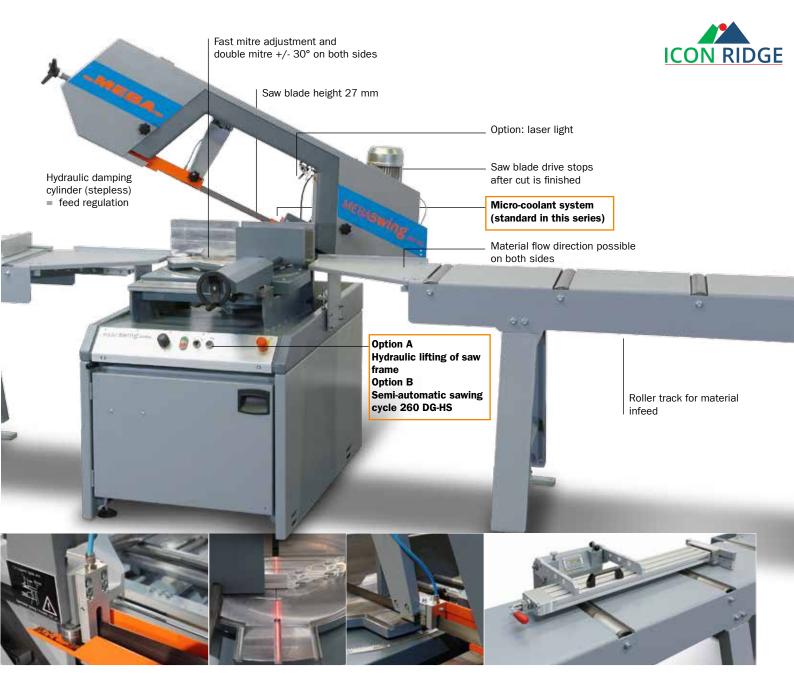
Easy operation by MEBA NC-control with text display

· Minimum speed- and saw blade control on the band-

• Step-less cutting pressure regulation through weight of the heavy and rigid saw frame and the fine tuning depending on cross-section by hydraulic damping cylinder

Source: MEBA Metall- Bandsägemaschinen GmbH

- Integrated chip collection tray
- Saw blade drive stops after cut is finished
- Precise saw blade carbide roller guidance



MEBASWING 260 DG

Model	Manual
30° lh	Ø130 120x120
45° lh	Ø200 180x180
90°	Ø260 300x260
45° rh	Ø200 180x180
30° rh	Ø130 120x120
Motor	1,1 / 1,8 kW
Saw blade	3350x27x0,9 mm
Speed of saw blade	35/75 m/min.
Smallest Ø	5 mm
Dimensions (LxWxH)	800x1720x1450 mm
Working height	900 mm
Weight	710 kg

Additional standard equipment

- Fast adjustment of mitre by scale, step-less
- from 30°-135° MEBA micro-coolant system as standard, this
- can be replaced optionally by a coolant system (flood cooling)

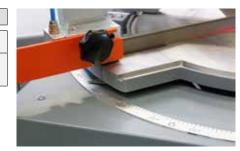
MEBA**acessories**

MEBA coolant system with submersible pump Laser light for cutting line indication Measuring device 0-600mm by scale Mounting elements

MEBA**highlights 260 DG**

Compact design

Mitre range up to $\pm 30^\circ$ in both right and left directions





MEBA**swing 260 DG-HS** Hydraulic lifting (H) of saw frame Step-less and hydraulic cutting pressure- and feed control



MEBA Micro-coolant systemDry chips

- Dry criips
- No drop formation
- No disposal problem
- Can be retrofitted

MEBA**Swing** 260 GA Mitre-cut band saw / fully automatic.





Standard equipment

- Easy operation by MEBA NC-control with text display
- Hydraulic full-stroke material clamping
- Minimum speed- and saw blade control on the band-wheel
- Fast adjustment of mitre by scale
- The swivel is directly above the intersection of the saw blade and the fix vice jaw so that there is a datum measuring point which does no change with the mitre angle
- Complete coolant system with immersed pump, can be combined with micro-coolant system
- Integrated chip collection tray

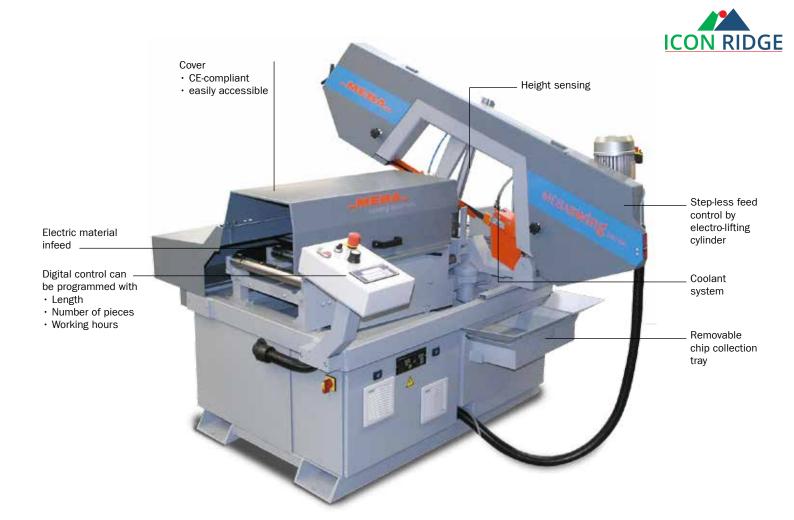
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- Saw blade drive stops after cut is finished
- Rapid lowering of the saw frame via button until material edge
- Precise saw blade carbide roller guidance
- Cutting pressure reduction by heavy, distortion-free cast iron saw frame by electronic lifting cylinder. Electronic-controlled cutting pressure.

45° 180 mm

30° 120 mm







MEBASWING 260 GA

Model	Automatic
90°	Ø260 300x260
45° rh	Ø200 180x180
30° rh	Ø130 120x120
Motor	1,1 / 1,8 kW
Saw blade	3700x27x0,9 mm
Speed of saw blade	35/75 m/min.
Smallest Ø	5 mm
Dimensions (LxWxH)	1500x1900x1860 mm
Working height	750 mm
Weight	900 kg

Additional standard equipment

MEBA coolant system with submersible pump Minimum speed- and saw blade control on the band-wheel

MEBA**accessories**

Hydraulic cutting pressure regulator MEBA micro-coolant system Mounting elements

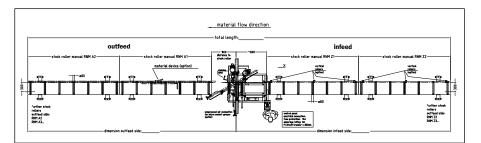
MEBAhighlights 260 GA

Ergonomic and easy to operate Multisided area of application Optimum price/performance ratio



MEBA Micro-coolant system

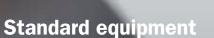
- Dry chips
- No drop formation
- No disposal problem
- Can be retrofitted



MEBAswing 320 G-HSS

Mitre-cut band saw / semi-automatic.





- Fast adjustment of mitre by scale, step-less from 90° 30°
- The swivel is directly above the intersection of saw blade and fix vice jaw so that there is a datum measuring point which does not change with the mitre angle
- Fast material clamping
- Material is always clamped at 90° regardless of the angle to be cut
- Integrated chip collection tray
- Precise saw blade carbide roller guidance

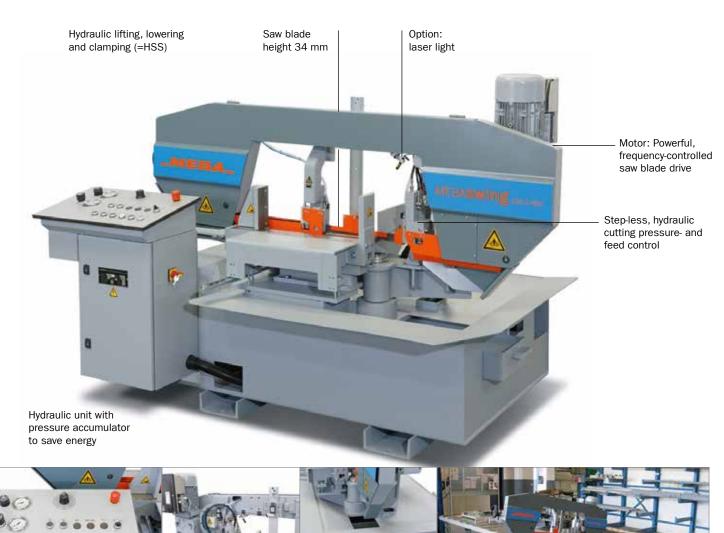
90° 500 mm

45° 300 mm

30° 200 mm

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MEBASWING 320 G-HSS

Model	Semi automatic
90°	Ø325 500x300
45° rh	Ø300 300x300
30° rh	Ø200 200x200
Motor	3 kW AC
Saw blade	4200x34x1,1 mm
Speed of saw blade	15-150 m/min.
Dimensions (LxWxH)	1300x2050x1400 mm
Working height	750 mm
Weight	910 kg

Additional standard equipment

MEBA power package "HSS" Hydraulic lifting (H) and lowering (S) of the saw frame. Hydraulic clamping (S) of the material MEBA coolant system with immersed pump Powerful, frequency-controlled saw blade drive Hydraulic material full-stroke clamping

MEBAaccessories

Main vice opens after cut is finished
Minimum speed- and saw blade control on the
band-wheel
Hydraulic cutting pressure regulator
Measuring device 0-500 mm by scale
Hydraulic and full-stroke material bundle clamping
Driven saw blade cleaning brush
Material table on infeed side
Mounting elements
MEBA Micro-coolant system

MEBAhighlights 320 G-HSS

Cutting speed can be adjusted step-lessly Hydraulic feed control Hydraulic lifting and lowering of the saw frame Hydraulic clamping of material Powerful, frequency-controlled saw blade drive Swiveling area 30° rh



MEBA Micro-coolant system

- Dry chips
- No drop formation
- No disposal problem
- Can be retrofitted

MEBA**swing** 320 DG

Double mitre-cut band saw / semi-automatic.

30°

45°

300 mm

200 mm



Standard equipment



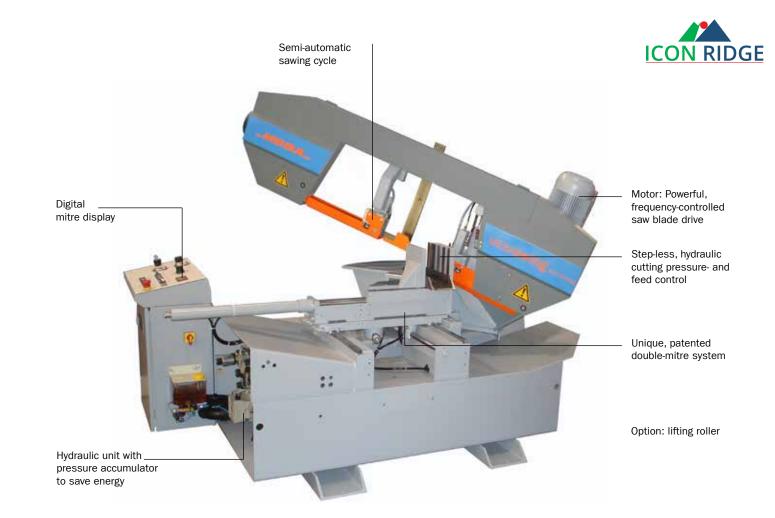
- Fast adjustment of mitre by scale, step-less from 90°-135° The swivel is directly above the intersection of saw blade and fix vice jaw so that there is a datum measuring point which does not change with the mitre angle
- Fast material clamping
- Material is always clamped at 90° regardless of the angle to be cut
- MEBA power package "HSS" Hydraulic lifting (H) and lowering (S) of the saw frame. Hydraulic clamping (S) of the material.
- Stepless, hydraulic cutting pressure- and feed control. Display of lowering speed by scale. Display of cutting pressure by manometer. Rapid lowering of the saw frame via button until material edge
- Powerful, frequency-controlled saw blade drive
- Hydraulic material full-stroke clamping
- Integrated chip collection tray
- Saw blade drive stops after cut is finished Precise saw blade carbide roller guidance

90°

459

300 mm

500 mm





MEBASWING 320 DG

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Model	Semi automatic
45° lh	Ø300 300x300
90°	Ø325 500x300
45° rh	Ø300 300x300
30° rh	Ø200 200x200
Motor	3,0 kW AC
Saw blade	4200x34x1,1 mm
Speed of saw blade	15-150 m/min.
Dimensions (LxWxH)	1450x2200x1400 mm
Working height	750 mm
Weight	1190 kg

Additional standard equipment

MEBA power package "HSS"

Hydraulic lifting (H) and lowering (S) of the saw frame. Hydraulic clamping (S) of the material. Stepless, hydraulic cutting pressure- and feed control. Display of lowering speed by scale. Display of cutting pressure by manometer. Rapid lowering of the saw frame via button until material edge

MEBA micro-coolant system with immersed pump Powerful, frequency-controlled saw blade drive Hydraulic material full-stroke clamping

MEBAaccessories

Main vice opens after cut is finished Laser light for cutting line indication Minimum speed- and saw blade control on the band-wheel

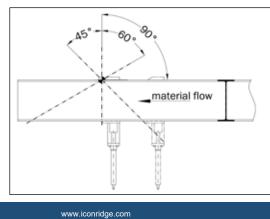
Hydraulic cutting pressure regulator

Hydraulic and full-stroke material bundle clamping

Driven saw blade cleaning brush Manual lifting roller for easy material transport

Mounting elements

MEBA**highlights 320 DG**



Patented double-mitre system: Rotating table avoids sawing up of the material support. Material is always clamped rectangular and close to the saw blade.

MEBA**swing** 405 DG

30°

45°

420 mm

200 mm

Double mitre-cut band saw / semi-automatic.



Standard equipment



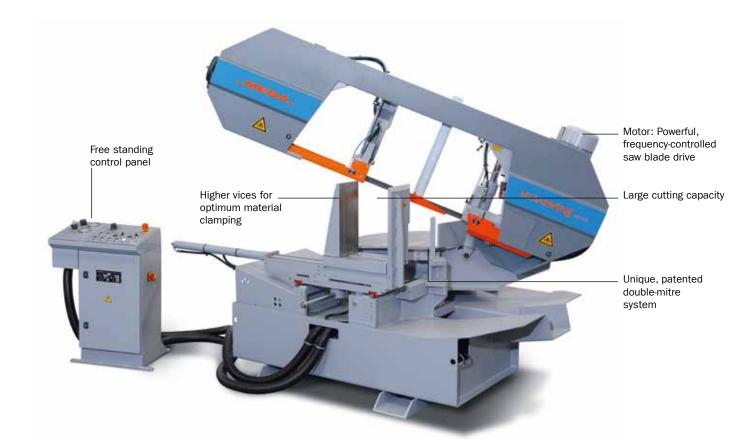
- Fast adjustment of mitre by scale, step-lessly from 90° – 135°. The swivel is directly above the intersection of saw blade and fix vice jaw so that there is a datum measuring point which does not change with the mitre angle
 - Fast material clamping
- Material is always clamped at 90° regardless of the angle to be cut
- MEBA power package "HSS"
- Hydraulic lifting (H) and lowering (S) of the saw frame. Hydraulic clamping (S) of the material. Stepless, hydraulic cutting pressure- and feed control. Display of lowering speed by scale. Display of cutting pressure by manometer. Rapid lowering of the saw frame via button until material edge
- · Powerful, frequency-controlled saw blade drive
- Hydraulic material full-stroke clamping
- Integrated chip collection tray
- Saw blade drive stops after cut is finished
- Precise saw blade carbide roller guidance

90°

45° 300 mm

620 mm







MEBASWING 405 DG

Model	Semi automatic
45° lh	Ø300 300x300
90°	Ø410 620x410
45° rh	Ø410 420x360
30° rh	Ø300 300x300
Motor	3,0 kW AC
Saw blade	5000x34x1,1 mm
Speed of saw blade	15-150 m/min.
Dimensions (LxWxH)	1450x2450x1420 mm
Working height	750 mm
Weight	1300 kg

Additional standard equipment

MEBA power package "HSS" Hydraulic lifting (H) and lowering (S) of the saw frame. Hydraulic clamping (S) of the material. Stepless, hydraulic cutting pressure- and feed control. Display of lowering speed by scale. Display of cutting pressure by manometer. Rapid lowering of the saw frame via button until

material edge MEBA coolant system with immersed pump

Free standing control panel

Hydraulic material full-stroke clamping

MEBAaccesories

Main vice opens after cut is finished

Laser light for cutting line indication Minimum speed- and saw blade control on the

band-wheel

Hydraulic cutting pressure regulator Hydraulic and full-stroke material bundle clamping

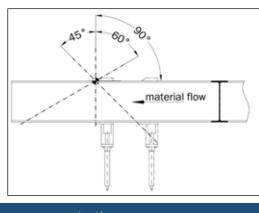
Driven saw blade cleaning brush

Manual lifting roller for easy material transport

Mounting elements

MEBAhighlights 405 DG

Unique, patented double-mitre system Cutting speed can be adjusted step-lessly Hydraulic feed control Hydraulic lifting and lowering of the saw frame Hydraulic clamping of material Powerful, frequency-controlled saw blade drive Swivelling area 30° rh / 45° lh



Patented double-mitre system: Rotating table avoids sawing up of the material support. Material is always clamped rectangular and close to the saw blade.

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MEBA**Swing** Additional options. Roller tracks. Overview





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Roller tracks	230 G	230 DG	260 DG	260 GA	320 G	320 G-HSS	320 DG	405 DG	Further tube: 230 G G 220 G 230 G 6405 260 GA 220 G 320 G 6405 6405
Roller tracks for MEBAswing load 0.5 kN/roller									Roller tracks for MEBAswing load 5.8 kN/roller
2000x300 - 6 rollers			_	-	_	-	_	-	Manual
3000x300 - 10 rollers			_	-	_	-	-	-	1000x500 - 3 rollers
Connection machine/roller track									2000x500 - 6 rollers
(230 G outfeed / 230 DG in and outfeed)			-	-	-	-	-	-	3000x500 - 7 rollers
Lateral roller guidance			-	-	_	-	-	-	4000 x 500 - 8 rollers
Roller tracks for MEBAswing load 1 kN/roller									6000 x 500 – 10 rollers – – – – – – – – – – – – – – – – – – –
1000x500 - 4 rollers	-	-	-	-				-	Roller tracks for MEBAswing load 5,8 kN/roller
2000x500 - 7 rollers	-	-	-	-				-	Manual, with stepped rollers
3000x500 - 10 rollers	-	-	-	-				-	2000x500 - 6 rollers
Connection machine/roller track	_							_	3000x500 - 8 rollers
for outfeed side (G/DG)	-	-	-	-	ш			_	4000x500 - 10 rollers
Lateral roller guidance	-	-	-	-				-	6000 x 500 – 12 rollers – – – – – – – – – – – – – – – – – – –
Roller tracks for MEBAswing load 2 kN/roller									Roller tracks for MEBAswing load 7.6 kN/roller
1000x300 - 5 rollers	_	_			_	_	_	_	Manual
Working height 750/900 mm									1000x700 - 3 rollers
2000x300 - 5 rollers	_	_			_	_		_	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
Working height 750/900 mm									$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
3000x300 - 7 rollers	_	_			_	_	_	_	
Working height 750/900 mm			_						
4000x300 - 9 rollers	_	_			_	_	_	_	
Working height 750/900 mm								_	Roller tracks for MEBAswing load 7,6 kN/roller Manual, with stepped rollers
Connection machine/roller track lh	-	-		-	-	-	-	-	
Connection machine/roller track rh	-	-		-	-	-	-	-	
Lateral roller guidance	-	-			-	-	-	-	
									4000 x 700 - 10 carrier rollers
									6000 x 700 – 12 carrier rollers – – – – – – – – –

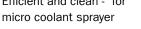


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Additional options	230 G	230 DG	260 DG	260 GA	320 G	320 G-HSS	320 DG	405 DG
Main clamping opens automatically after cut is finished	-	-	-	-	-			
Shadow line work light	-	-	-	-				
MEBA micro coolant system								
Complete coolant system with immersed pump								
Hydraulic lift up of the saw frame	-	-						
Laser light (laser cutting line indication)	-	-		-				
Minimum speed- and saw blade control on the band-wheel	-	-	-		-			
Clamping pressure regulator, hydraulic	-	-	-		-			
Measuring device 0 – 500 mm			-	-			-	-
Measuring device 0 – 600 mm	-	-		-	-	-	-	-
Bundle attachment hydraulic, full stroke over the whole width	-	-	-	-	-			
Driven saw blade cleaning brush	-	-	-	-				
Special colour, 2-coloured according to RAL-list, only machine	-	-						
Material table on infeed side	-	-	-	-			-	-
Material table on infeed side with support roller	-	-	-	-			-	-
Material support roller, manual	-	-	_	_	-	_		
Air compressor for microspayer (only if there is no air)								
Mounting elements (4 pcs.)								

Consumables		230 G	230 DG	260 DG	260 GA	320 G	320 G-HSS	320 DG	405 DG
Consumables		-							
MEBA High-performance spray oil	10 liters								
MEBA Coolant concentrate	10 liters								
MEBA Chip brush set (5x round-brush, 2 x	flat-bush)	-	-	-	-				

MEBA High-performance spray oil HL30 Efficient and clean - for





MEBA saw brush set for 27mm saw blade 5 round-brushes, 2 flat-brushes



LRG = Lateral roller guidance

Further lenghts and driven roller tracks on request.

MEBA**accessories**

Measuring devices. Saw blades.





Measuring devices

	Length		Length
Measuring device manual - MEBAswing 230 G / 230 DG / 260 DG		Measuring device M0 manual - MEBAswing 320 G/320 G-H/320 G-HS 320 DG/405 DG	S/
• For roller tracks up to 300 mm width	2 m		2 m
and load 0,5kN/roller Material stop traversable, manual movable 		For roller tracks up to 500 mm width (also for MEBAeco) with scale and nonius, retracting device, movable	3 m
Matchild Step devices/s, mandal morasis Measuring capacity: 2000- 3000 mm	3 m	Accuracy (+/- 0.15 mm/m) Measuring capacity: 2000-6000 mm	4 m
			6 m
Measuring device ML digital - MEBAswing 260 DG/320 G/320 G-H/ 320 G-HSS/320 DG/405		Measuring device ML automatic – MEBAswing 260 DG/320 G/320 G-H 320 G-HSS/320 DG/405	•
• For roller tracks up to 500 mm width	2 m	For roller tracks up to 500 mm width Autom. measuring device with NC-control	3 m
Measuring capacity: 2000 mm Precise linear guidance	3 m	Measuring capacity: 2000 mm	4 m
Accuracy ± 0,1 mm	4 m	Precise linear guidance Accuracy (+/- 0.1 mm/m)	
Digital display 0,1 mm Spring loaded stop surface	5 m	Recognition of position by non-touch measuring system Procumpting and lifting lowering after each out	5 m
Manual free stroke device	6 m	Pneumatic clamping and lifting, lowering after each cut Automatic relieving during the cut	6 m

Further lengths on request.



Automatic relieving during the cut

Saw blades

Saw blade	Saw blade quality				Models
dimensions (mm)	Bi-Metal	Bi-Metal S	PB	H1	Widdels
2720 x 27 x 0,9	х	х	x	х	230 G/DG
3350 x 27 x 0,9	х	х	x	х	260 DG / 260 DG-HS
3700 x 27 x 0,9	х	х	x	х	260 GA
4200 x 27 x 0,9	х	х	x	х	320G
4200 x 34 x 1,1	x	x	x	x	320 G-HSS / 320 DG
5000 x 34 x 1,1	х	х	х	х	405 DG

Saw blade dimensions (mm)	Available teeth dimensions						
	Bi-Metal	Bi-Metal S	PB	H1			
	For all workshop cuts For profiles and bundle cuts	For steel up to 45 HRC- For serial cuts im automatic operation For bundle cuts of large material dimensions and solid material For non iron metals and fine steel profiles	For bundle cuts with big material dimensions For both cutting of big profiles and full material Specially for T-beams	Suitable for all machining on medium to high toughness metal cutting materials For solid material and thick walled tubes like tool steel and stainless steel For alloyed steels, rust-free steels and carbon steel			
27 x 0,9	2/3; 3/4; 4/6; 5/8; 6/10; 8/12; 10/14	2/3; 3/4; 4/6; 5/8; 6/10; 8/12; 10/14	3/4; 4/6	2/3; 3/4; 4/6			
34 x 1,1	2/3; 3/4; 4/6; 5/8; 6/10; 8/12	2/3; 3/4; 4/6; 5/8; 6/10; 8/12	2/3; 3/4; 4/6; 6/10; 8/12	1,5/2; 2/3; 3/4; 4/6			

We test the best raw materials and offer the optimum saw blade for each band saw and each field of application. Saw blades are produced on latest welding- and grinding machines and guarantee a fast delivery time.