

MEBA

Likeable. Flexible. Qualified.



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The Company

The family run business was one of the first companies to specialize exclusively in metal band sawing machines and ranks as one of the leading manufacturers in the industry.

MEBA have a wide range of metal band sawing machines to choose from, ranging from small manual and semi- automatic machines, up to double mitre fully automatic CNC machines. Customers include small workshops, steel fabricators, steel stockholders, and the automotive industry as well as production engineering and heavy industry. MEBA can also manufacture customized infeed and outfeed material handling systems with a variety of material measuring devices to suit tailor made requirements.

MEBA ensures the highest quality: MEBA-band saws are designed, and built using state-of-the-art engineering with improvements always being investigated. The MEBA production team uses standardized processes using the latest production techniques. This results in innovative solutions such as the Europe patented miter system or the new high specification MEBAe-cut band saw which is powered completely with electrical drives, improving your energy footprint and leaning towards a cleaner environment.





The MEBA philosophy

You have the task - we have the solution.

High-class products need detailed and personal consulting as well as planning and realization of individual sawing solutions.

After start-up of a plant, MEBA places great importance on services. Beside regular information about MEBA products, the technical customer service, maintenance and tele-service as well as job order production are basics for a successful cooperation with our customers worldwide.



Index	Page
MEBA swing 230 G / DG	4
MEBA swing 260 DG / DG-HS	6
MEBA swing 260 GA	8
MEBA swing 320 G-HSS	10
MEBA swing 320 DG	12
MEBA swing 405 DG	14
Additional options and roller tracks	16
Saw blades	18







Our focus is on the people

MEBA is successful because enthusiastic, committed personalities get the chance to contribute their abilities and knowledge actively. Working at MEBA means challenging tasks as well as the professional and personal development of each individual. MEBA employees have the possibility to create their own future and therefore the innovation performance and future of the company.

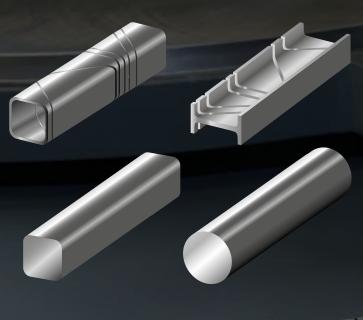
Our lean organisation creates free space for personnel developments: MEBA employees are used and trained where they are interested and have their strengths. Our aim is a long-term partnership.

MEBA**swing** 230 G / 230 DG

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

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

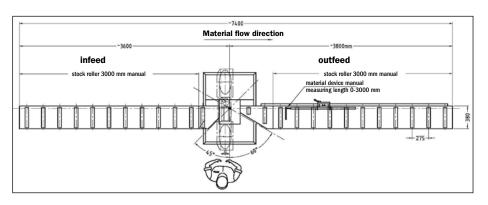
Model	Manual
30° lh	Ø 110 120x80
45° Ih	Ø 180 200x180
90°	Ø 230 300x150
45° rh (only 230 DG)	Ø 170 200x70
Motor	1,00 / 1,5 kW
Saw blade	2720x27x0,9 mm
Speed of saw blade	28/56 m/min.
Smallest Ø	5 mm
Dimensions (LxWxH)	840x1420x1230 mm
Working height	735 mm
Weight	230 G 310 kg 230 DG 330 kg

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

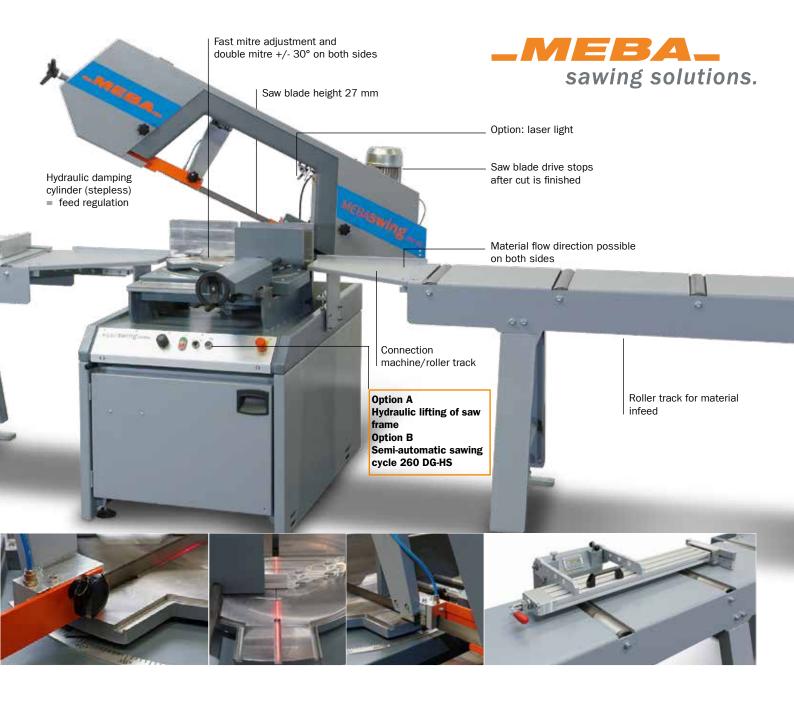




MEBA micro-coolant system

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





MEBASWING	260	DG

	_
Model	Manual
30° lh	Ø 130 120x120
45° lh	Ø 200 180x180
90°	Ø 260 300x260
45° rh	Ø 200 180x180
30° rh	Ø 130 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 flood coolant unit is standard. It can be supplemented optionally by an micro sprayer system

MEBA**acessories**

MEBA micro-coolant system as standard, this can be replaced optionally by a coolant system (flood cooling)

Laser light for cutting line indication

Measuring device 0-600mm by scale

MEBAhighlights 260 DG

Compact design

Mitre range up to ±30° in both right and left



MEBAOPTIONS

MEBASWING 260 DG-HS

Hydraulic lifting (H) of saw frame

Step-less and hydraulic cutting pressure- and feed control



MEBA Micro-coolant system

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







MEBA swing 260 GA	
Model	Automatic
90°	Ø 260 300x260
45° rh	Ø 200 180x180
30° rh	Ø 130 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

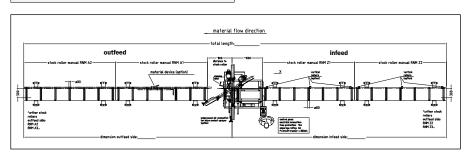
MEBA accessories
Hydraulic cutting pressure regulator
MEBA micro-coolant system
Mounting elements

MEBA highlights 260 GA	
Ergonomic and easy to operate	
Multisided area of application	
Optimum price/performance ratio	



Additional standard equipment

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

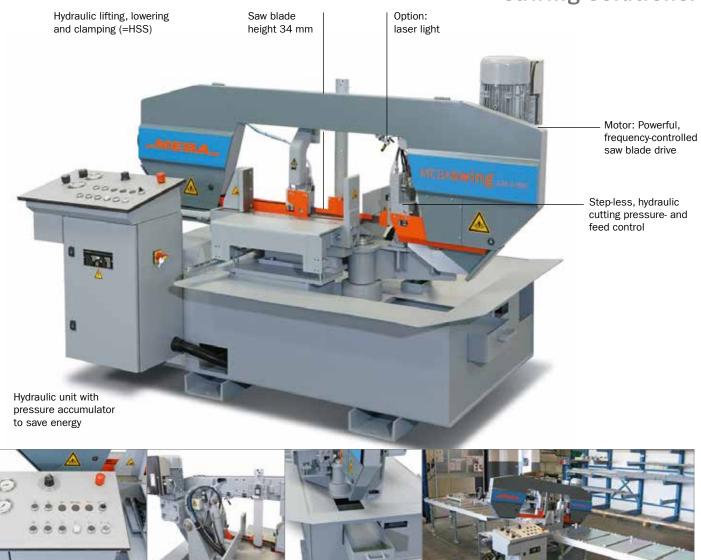


MEBA Micro-coolant system

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







MEBASWING 320 G-HSS	
Model	Semi automatic
90°	Ø 325 500 x 300
45° rh	Ø 300 300x300
30° rh	Ø 200 200 x 200
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

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



Additional standard equipment

910 kg

Weight

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

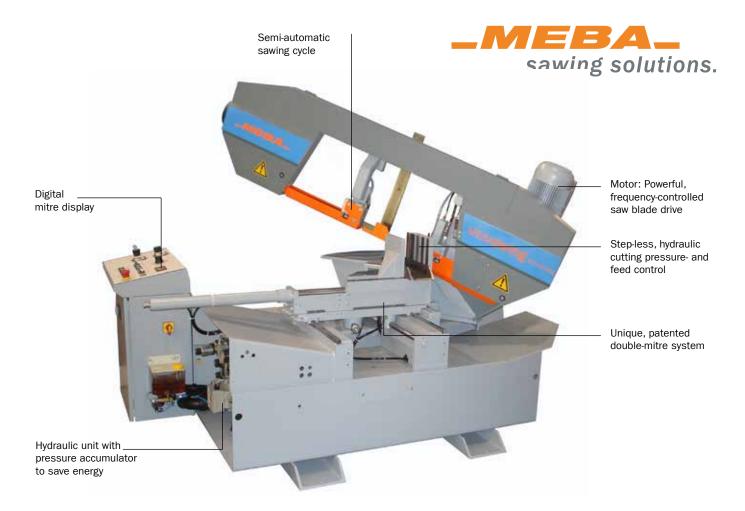
MEBA**highlights 320 G-HSS**

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







MEBAACCESSORIES

MEBASWING 320 DG	
Model	Semi automatic
45° Ih	Ø 300 300 x 300
90°	Ø 325 500 x 300
45° rh	Ø 300 300x300
30° rh	Ø 200 200 x 200
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

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

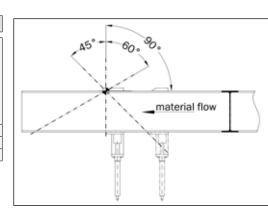
MEBA highlights 320 DG
Unique, patented double-mitre system
Cutting speed can be adjusted step-lessly
Hydraulic feed control
Hydraulic lifting and lowering of the saw frame
Hydraulic clamping of material
Swiveling area 30° rh / 45° lh
Powerful, frequency-controlled saw blade drive
Hydraulic cutting pressure regulator
Double-action cylinders

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

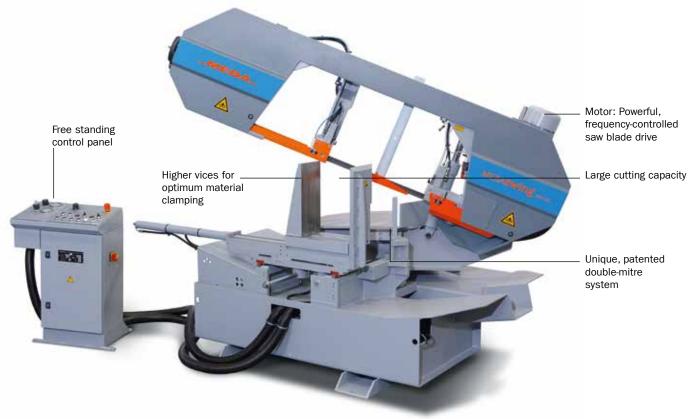


Patented double-mitre system: Rotating table avoids sawing up of the material support. Material is always clamped rectangular and close to the saw blade.











MEBAACCESORIES

MEBA swing 405 DG								
Model	Semi automatic							
45° Ih	Ø 300 300x300							
90°	Ø 410 620x410							
45° rh	Ø 410 420x360							
30° rh	Ø 300 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							

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

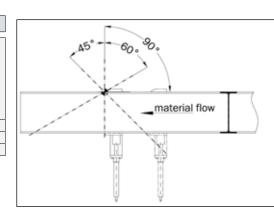
Unique, patented double-mitre system
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Cutting speed can be adjusted step-lessly
Hydraulic feed control
Hydraulic lifting and lowering of the saw frame
Hydraulic clamping of material
Powerful, frequency-controlled saw blade drive
Swivelling area 30°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

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



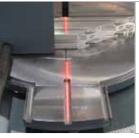
Patented double-mitre system: Rotating table avoids sawing up of the material support. Material is always clamped rectangular and close to the saw blade.





	230	230 DG	260 DG	260 GA	320 G-HS	320 DG	405 DG
Roller tracks for MEBAswing load 0,5 kN/roller							
2000x300 - 6 rollers			-	-	-	-	-
3000x300 – 10 rollers			1	-	-	-	-
Connection machine/roller track		П	-	_	_		
(230 G outfeed / 230 DG in and outfeed)							
Lateral roller guidance			_	_	_	_	_
Roller tracks for MEBAswing load 1 kN/roller							
1000x500 – 4 rollers		_	_	_			
2000x500 - 7 rollers	-	-	-	-			
3000x500 – 10 rollers	-	_	_	_			
Connection machine/roller track	-	_	_	_			
for outfeed side (G/DG)					_	_	_
Lateral roller guidance	-	_	_	_			
Roller tracks for MEBAswing load 2 kN/roller							
1000 x 300 - 5 rollers	-	-			_	_	-
Working height 750/900 mm 2000x300 - 5 rollers							
Working height 750/900 mm	-	-			_	-	-
3000 x 300 - 7 rollers							
Working height 750/900 mm	-	-			-	-	-
4000x300 - 9 rollers				П			
Working height 750/900 mm		_					_
Connection machine/roller track lh	_	-		-	-	-	-
Connection machine/roller track rh		_		_	_	_	_
Lateral roller guidance	_	-			_	_	-

Further roller tracks MEBAswing	230 G	230 DG	260 DG	260 GA	320 G-H	320 G-HSS	320 DG	405 DG
Roller tracks for MEBAswing load 5,8 kN/roller Manual								
1000x500 - 3 rollers	T-	_	_	-				_
2000x500 - 6 rollers	-	_	-	_				_
3000x500 - 7 rollers	_	_	_	_				_
4000x500 – 8 rollers	-	_	_	_				_
6000x500 – 10 rollers	_	_	_	_				_
Roller tracks for MEBAswing load 5,8 kN/roller Manual, with stepped rollers								
2000x500 - 6 rollers	<u> </u>	_	_	_				_
3000x500 – 8 rollers	<u> </u>	_	_	_				_
4000x500 – 10 rollers	_	_	_	_				_
6000x500 – 12 rollers	-	_	_	_				_
Roller tracks for MEBAswing load 7,6 kN/roller Manual								
1000x700 - 3 rollers	_	_	_	_	_	_	_	
2000x700 - 6 rollers	-	_	_	_	_	_	-	
3000x700 - 7 rollers	<u> -</u>	_	_	_	_	_	-	
4000x700 – 8 rollers	<u> </u>	_	_	_	_	_	-	
6000x700 – 10 rollers	_	_	_	_	_	_	-	
Roller tracks for MEBAswing load 7,6 kN/roller Manual, with stepped rollers								
2000x700 – 6 carrier rollers	-	_	_	_	_	_	_	
3000x700 – 8 carrier rollers	-	_	-	_	-	-	_	
4000x700 – 10 carrier rollers	-	_	-	_	-	-	_	
6000x700 – 12 carrier rollers	-	_	-	_	-	-	_	







Additional options	230 G	230 DG	260 DG	260 GA	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 5000	230 DG	260 DG	260 GA	320 G-HSS	320 DG	405 DG
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Consumables							
MEBA High-performance spray oil	10 liters						
MEBA Coolant concentrate	10 liters						
MEBA Chip brush set (5x round-brush, 2 x f	lat-bush)	_	-	_	-		

MEBA High-performance spray oil HL30

Efficient and clean - for micro coolant sprayer



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.

 \square = can be delivered optionally \blacksquare = standard equipment \blacksquare = optionally

- = can not be delivered





320 DG/405 DG

3 m

4 m 6 m

3 m

4 m

5 m

6 m

Measuring device M0 manual - MEBAswing 320 G/320 G-H/320 G-HSS/

• For roller tracks up to 500 mm width (also for MEBAeco) with scale

· Pneumatic clamping and lifting, lowering after each cut

and nonius, retracting device, movable

Measuring devices

	Length
Measuring device manual - MEBAswing 230 G / 230 DG / 260 DG	
For roller tracks up to 300 mm width and load 0,5kN/roller Material stop traversable, manual movable Measuring capacity: 2000- 3000 mm	2 m

Material stop traversable, manual movable Measuring capacity: 2000- 3000 mm		Accuracy (+/- 0.15 mm/m) Measuring capacity: 2000-6000 mm	4 m
modeling depastry. 2000 GOOD Hill		modeling suppostly. 2000 0000 min	6 m
Measuring device ML digital - MEBAswing 260 DG/320 G/320 G-HSS/320 DG/40	,	Measuring device ML automatic - MEBAswing 260 DG/320 G/320 G- 320 G-HSS/320 DG/40	•
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 Precise linear guidance	4 m
Accuracy ± 0,1 mm Digital display 0,1 mm String leaded than surface.	4 m	Accuracy (+/- 0.1 mm/m) Recognition of position by non-touch measuring system	5 m

6 m

Further lengths on request.

 Digital display 0,1 mm Spring loaded stop surface

Manual free stroke device

Measuring device manual Measuring device M0 manual Measuring device ML digital

Measuring device ML automatic







· Automatic relieving during the cut



Saw blades

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

Saw blade	Available teeth dimensions						
dimensions (mm)	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.



MEBAServices



Machine consulting
Technical customer service
Repair & Maintenance
Start-up
Spare parts service
Trainings
Teleservice
Saw blade service
Job order production
Info-Material

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