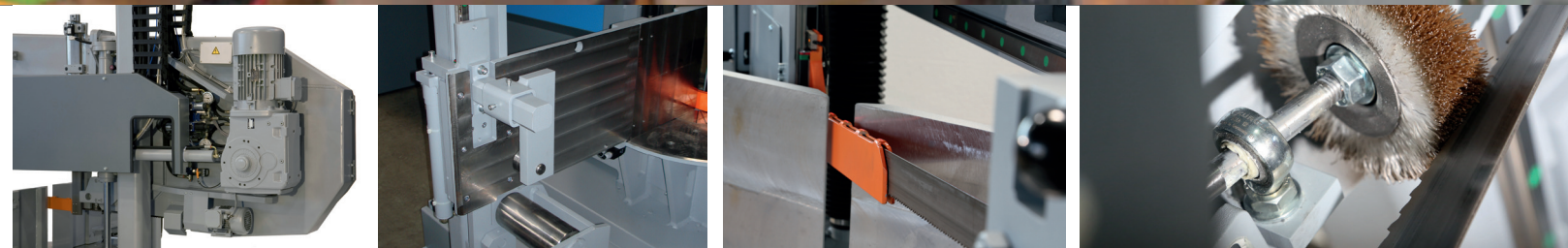


**MEBA**  
sawing solutions.

# MEBasteel

The clever solution for structural steel.



## Machine Data Sheet

<b>MEBasteel</b>	1100 DG	1100 DGA
	1250 DG	



## MEBAsteel 1100 DG, 1250 DG, 1100 DGA-3300



### Technical Data

1100 DG	
type	semi automatic
30° li	Ø 420 420x430
45° li	Ø 510 700x430
90°	Ø 510 1100x430
45° re	Ø 510 700x430
30° re	Ø 450 450x430
motor	9,0 kW
saw blade	9300x54x1,6 mm
saw blade speed	15/150 m/min.
length of remaining piece without bundle clamp	manual: 40 mm automatic: -
length of remaining piece with bundle clamp	manual: - automatic: -
max. material size with bundle clamp	option not available
shortest Ø	10 mm
dimensions (LxWxH)	2250x4400x2300 mm
working height	630 mm
weight	5440 kg

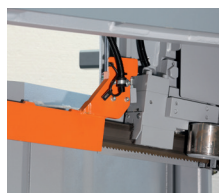
1250 DG	
type	semi automatic
30° li	Ø 520 550x520
45° li	Ø 560 800x520
90°	Ø 620 1250x520
45° re	Ø 560 800x520
30° re	Ø 520 500x520
motor	14,5 kW
saw blade	10000x67x1,6 mm
saw blade speed	15/150 m/min.
length of remaining piece without bundle clamp	manual: 40 mm automatic: -
length of remaining piece with bundle clamp	manual: - automatic: -
max. material size with bundle clamp	option not available
shortest Ø	10 mm
dimensions (LxWxH)	2450x4700x2850 mm
working height	630 mm
weight	6650 kg

### Standard equipment

- MEBA power package  
Lifting and lowering of the saw frame with a frequency regulated lead screw drive, with automatic cutting pressure and feed regulator.  
Display of lowering speed on scale  
Display of cutting pressure
- Stepless height adjustment by control panel
- NC mitre swivelling  $\pm 30^\circ$  in both right and left directions
- Rapid lowering of the saw frame via button until material edge by height sensing
- Hydraulic material clamping with full stroke cylinder
- Robust 2-column linear-guided saw frame
- Powerful, frequency-controlled saw blade drive
- 7° attack angle for extreme and fast sawing
- Saw blade drive stops after cut is finished
- Automatic adjustment of saw blade guidance to material width
- Combined precise saw blade carbide-roller guidance
- Hydraulic saw blade tension with pressure relief during standstill
- MEBA micro-coolant system
- Minimum speed- and saw blade control on the band-wheel
- Electronic SPS-control
- Free standing control panel

### Extended standard equipment MEBAsteel 1250 DG:

- Movable lifting rollers on both sides for maximum material supporting surface
- Clamping jaws opens both sides for frictionless material transport
- Wide material clamping capacity:  
• 1250 x 520 mm and Ø 620 mm at 0°  
• 800 x 510 mm and Ø 560 mm at +/- 45°
- Passage height is changing depending on each clamping width



### Technical Data

1100 DGA-3300	
type	CNC automatic
45° li	Ø 510 700x500
90°	Ø 510 1100x500
45° re	Ø 510 700x500
30° re	Ø 400 400x500
motor	9,0 kW
saw blade	9300x54x1,6 mm
saw blade speed	15/150 m/min.
length of remaining piece without bundle clamp	manual: 50 mm automatic: 330 mm
length of remaining piece with bundle clamp	manual: 315 mm automatic: 565 mm
max. material size with bundle clamp	Ø 510 / 1100x500 mm
shortest Ø	10 mm
dimensions (LxWxH)	7000x4500x2500 mm
working height	630 mm
weight	9000 kg

### Standard equipment

- MEBA power package  
Lifting and lowering of the saw frame with a frequency regulated lead screw drive, with automatic cutting pressure and feed regulator.
- Display of lowering speed on scale
- Display of cutting pressure
- Step-less height adjustment by control panel
- NC mitre swivelling  $\pm 30^\circ$  in both right and left directions
- Rapid lowering of the saw frame via button until material edge by height sensing
- Hydraulic material clamping with full stroke cylinder
- Robust 2-column linear-guided saw frame
- Powerful, frequency-controlled saw blade drive
- Inclination of saw blade is at 3°
- Saw blade drive stops after cut is finished
- Automatic adjustment of saw blade guidance to material width
- Combined precise saw blade carbide-roller guidance
- Hydraulic saw blade tension
- Complete coolant system with immersed pump, can be combined with MEBA micro-coolant system
- Free standing control panel



- **Unique, patented double-mitre system:**  
Rotating table avoids sawing up of the material support
- Material is always clamped rectangular and close to the saw blade.
- Minimum speed- and saw blade control on the band-wheel
- Electronic SPS-control
- Piece counter
- Step-less height adjustment by height sensing
- Movable guide arm
- Ergonomic panel based on "Windows CE" system software

