

Machine Data Sheet

MEBA**pro** | 300 A

Machine cover: secure and compact

- · Additional security by integrated splash guard plates
- Large inspection opening allows easy access for maintenance and service works

Saw blade guiding: accurate and reliable

- Easy opening of saw blade guidance during changing of the saw blade
- High degree of precision: lateral saw blade guiding is a combination of preloaded carbide guides and hardened twistrollers
- High cutting pressure and increase of blade life due to roller-guided saw blade

Saw frame speed: powerful and dynamic

- Frequency-controlled ball –screw for accurate feeding
- Process reliability by permanent cutting pressure control and feed control. Automatic adjustment of the cutting speed when the cutting pressure is too high

Vice system: innovative and smooth

- · Automatic hydraulic full stroke material infeed system
- Linear guidance system: precision, smooth-running and maintenance-free during maximum operation
- $\boldsymbol{\cdot}$ Linear guided rigid feed vice for precision positioning
- · Strong hydraulic material clamping with full lift cylinder
- · Integrated detection of material-end
- · Both sides opening on the feed vice



Material stroke system: economic and functional

· Protection and a long lifetime of the saw blade

Operation and control: intelligent and ergonomic

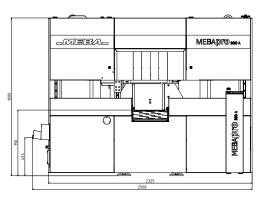


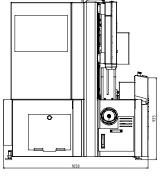
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Technical Data

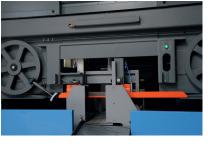
300 A		
type	automatic	
90°	Ø 300 300x300	
motor	3 kW	
saw blade	4900x34x1,1 mm	
saw blade speed	15-130 m/min.	
length of remaining piece	manual: 10 n	nm
without bundle clamp	automatic: 90 n	nm
length of remaining piece	manual: 140 n	nm
with bundle clamp	automatic: 200 n	nm
max. material size with bundle clamp	300 mm	
shortest Ø	10 mm	
dimensions (LxWxH)	1650x2500x1800 mm	
working height	750 mm	
weight	2500 kg	











Standard equipment

- · Stability and quality due to welded base structure
- Closed and continuous material surface ensures easy cleaning
- · Partial covering for safe, clean and quiet operation
- Large swivel door at the front allows easy access for cleaning and saw blade changeover
- High degree of smooth running: outside double frame construction with modern ball screw
- High degree of precision: lateral saw blade guiding is a combination of preloaded carbide guides and hardened twistrollars.
- High cutting pressure and increase of blade life due to roller-guided saw blade
- $\boldsymbol{\cdot}$ Frequency-controlled ball –screw for accurate feeding
- Step less adjustable speed of saw frame from 0-600 mm/min
- Process reliability by permanent cutting pressure control and feed control. Automatic adjustment of the cutting speed when the cutting pressure is too high
- Electrical control of saw blade tension and optical LED indication
- Process reliability by automatic control of saw blade breakage: instinctive shutdown during unmanned operation
- Constant saw blade tension by spring assembly
- Optimal cleaning of the tooth edge: modern double brush removes any remaining chips and dirt
- Flexible and individual coordinated cleaning process: syncronised to the cutting speed
- Automatic hydraulic full stroke material infeed system
- Linear guided rigid feed vice for precision positioning
- Integrated detection of material-end
- $\boldsymbol{\cdot}$ Both sides opening on the feed vice
- \cdot High-performance and energy-efficient saw motor 3 kW
- Stepless speed regulation from 15-130m/min
- Large coolant tank with a capacity of 100 litres
- Dual filter system: integrated filter sieve in the coolant tank and additional filter box on the coolant pump
- · Panel control with touchscreen
- · Self-explanatory symbols via Windows CE

