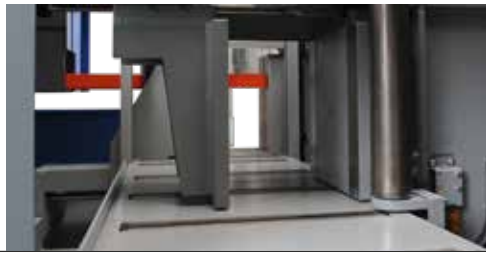


Machine Data Sheet

MEBApro | 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
- 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

MEBA sawing solutions.

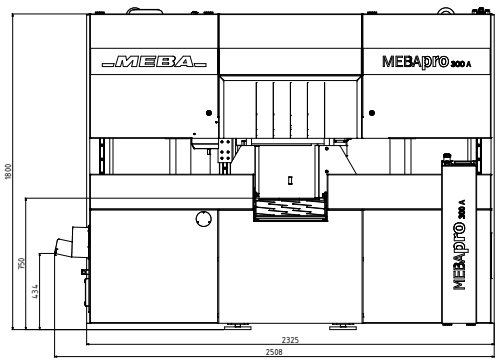
MEBApro 300 A

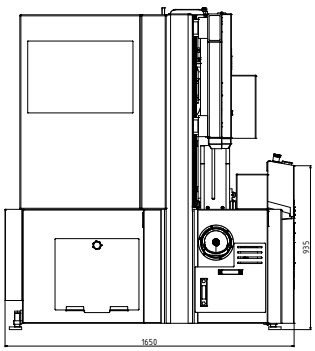
Technical Data

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 without bundle clamp	manual: 10 mm automatic: 90 mm
length of remaining piece with bundle clamp	manual: 140 mm automatic: 200 mm
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 twistrollers
- High cutting pressure and increase of blade life due to roller-guided saw blade
- 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
- Both sides opening on the feed vice
- 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





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