

Machine Data Sheet

MEBAmat | 330
434





- Fully enclosed high performance bandsawing machine for safe, clean, and quiet operation
- Compact and practical construction: space saving, easy to access during machine commissioning, saw blade change (large doors) and maintenance activities (inspection openings)
- Carbide compatible Power-Package: sawing of solid material, tubes, and profiles. Trouble free cutting of hardened material while saving blade life
- Maximum, reliable productivity for continuous runs in single- and multi-shift operation
- Secure transport of material by closed roller table. Increased, hardened tensioning elements and a high clamping force guarantee an efficient transport of materials. The result: product quality
- Dynamics and power: saw feed and material feed by ball lead screw with servo-motor for accurate cuts, without compromises
- Precision and reliability: use of latest linear ball guideways to provide solid smooth running
- Minimum length of remaining piece by innovative vice system
- The ergonomic panel-control can be linked and provides several options:
  - Teleservice for remote maintenance
  - Creations of saw programs in the office
  - Import of saw programs from CAD with DSTV-interface and data export
  - Job library
  - Material database

MEBA sawing solutions.

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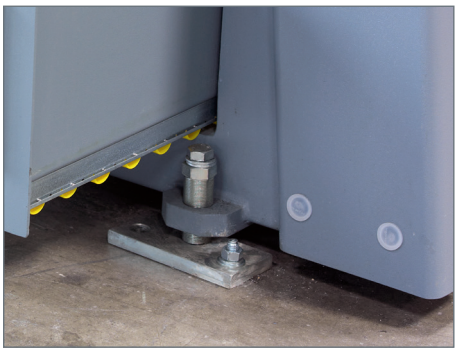
Technical Data

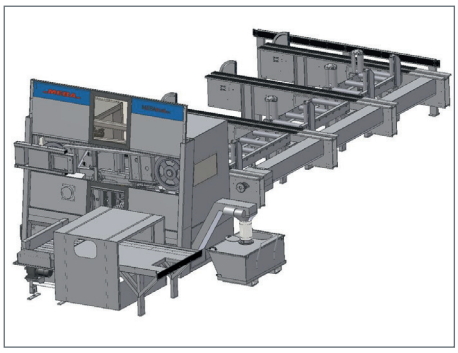
330	
Type	Full automatic
90°	Ø 330 350x330 mm
Motor	3,9 kW
Saw blade	4900x34x1,1 mm
Saw blade speed	15–200 m/min.
Length of remaining piece without multi-bar-clamp	Manuell: 20 mm Auto: 20 mm
Length of remaining piece with multi-bar-clamp	Manuell: 40 mm Auto: 40 mm
Max. material size with multi-bar-clamp	Ø 330 / 350x330
Shortest Ø	5 mm
Dimensions (LxWxH)	2400x1650x2200 mm
Working height	750 mm
Wheight	2600 kg

434	
Type	NC-Automat
90°	Ø 430 430x430 mm
Motor	7,5 kW
Saw blade	6220x41x1,3 mm
Saw blade speed	15–150 m/min.
Length of remaining piece without multi-bar-clamp	Manuell: 20 mm Auto: 20 mm
Length of remaining piece with multi-bar-clamp	Manuell: 105 mm Auto: 210 mm
Max. material size with multi-bar-clamp	Ø 430 / 430x430
Shortest Ø	5 mm
Dimensions (LxWxH)	1600x3100x2200 mm
Working height	750 mm
Wheight	4100 kg

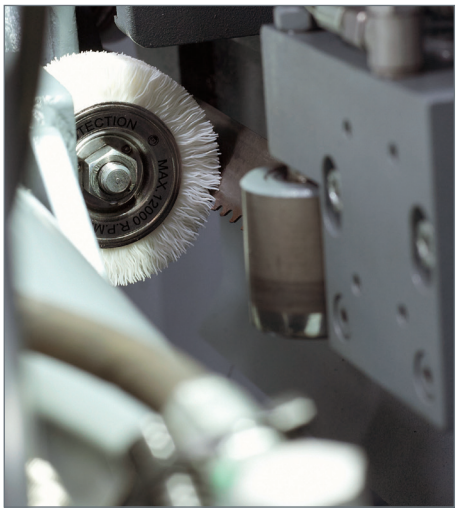












Standard equipment

- Power package: lifting and lowering of the saw frame by frequency regulated lead screw drive, with automatic cutting pressure and feed regulator
- Easy to use control with movable panel for flexible operation
- Intelligent control: networking and communication between drive systems and control unit. Thus, all the important parameters are monitored
- Hydraulic material clamping with full stroke cylinder
- Hydraulic and constant saw blade tension
- Lateral saw blade carbide-roller guidance, preloaded hydraulically
- Clamping rods can be turned around (either ribbed or smooth) on the infeed and main vice
- Incliation of saw blade is at 3°
- Stepless regulation of saw blade speed
- Minimum speed- and saw blade control on the band-wheel
- Latest vice system for an accurate material transportation
- Removable coolant tank for easy cleaning
- Operating hour counter for total time, saw time and order time
- Automatic adjustment of moveable saw blade guidance to material width
- Driven saw blade cleaning brush, synchronized with the saw blade
- Geometrically optimized surfaces, therefore easy accessible during cleaning work
- Vibration-optimised, torsion-resistant, robust construction

Additional equipment

- Zero positioning
- Multi-bar-clamp / bundle clamp
- Chip conveyor
- Automatic material height and width recognition
- Micro-coolant-system
- Cutting line control
- Laser light for cutting line
- LED working light
- Water-spray pistol
- Material database

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