

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 singleand 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

sawing solutions.

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Technical Data

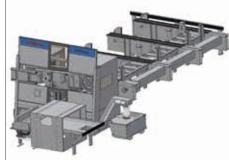
330			
Туре	Full automatic		
90°	Ø 330 350x330 mm		
Motor	3,9 kW		
Saw blade	4900x34x1,1 mm		
Saw blade speed	15-200 m/min.		
Length of remaining piece	Manuell:	20 mm	
without multi-bar-clamp	Auto:	20 mm	
Length of remaining piece	Manuell:	40 mm	
with multi-bar-clamp	Auto:	40 mm	
Max. material size with multi-bar-clamp	Ø 330 / 350x330		
Shortest Ø	5 mm		
Dimensions (LxWxH)	2400x1650x	2400x1650x2200 mm	
Working height	750 mm		
Wheight	2600 kg		

40.4		
434		
Туре	NC-Automat	
90°	Ø 430 430 x 430 mm	
Motor	7,5 kW	
Saw blade	6220x41x1,3 mm	
Saw blade speed	15-150 m/min.	
Length of remaining piece	Manuell: 20 mm	
without multi-bar-clamp	Auto: 20 mm	
Length of remaining piece	Manuell: 105 mm	
with multi-bar-clamp	Auto: 210 mm	
Max. material size with multi-bar-clamp	Ø 430 / 430x430	
Shortest Ø	5 mm	
Dimensions (LxWxH)	1700x3100x2350 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

- $\cdot \ \, {\hbox{\bf Zero positioning}}$
- 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

