

MEBAXtreme

Pure power.



Machine Data Sheet

MEBAXtreme	800- 510	1250- 510	800-510 A
	800- 600	1250- 600	800-600 A
	1000-1000	1250- 800	800-600 A-2300
	1140- 510	1250-1000	800-600 A-3300



For extreme sawing tasks
and superior cutting performance.

- Strongly built straight cutting semi-automatics
- Extremely rugged and powerful saw blade drive
- Uses latest linear ball guide ways to provide solid, smooth running, maintenance-free performance

MEBAXtreme 800-510, 800-600, 1000-1000, 1140-510, 1250-510, 1250-600, 1250-800, 1250-1000, 800-510 A, 800-600 A, 800-600 S-2300, 800-600 A-3300

Technical Data

800-510	
type	semi automatic
90°	Ø 510 800x510
motor	14,5 kW
saw blade	9000x67x1,6 mm
saw blade speed	15/150 m/min.
length of remaining piece without bundle clamp	manual: 22 mm automatic: -
length of remaining piece with bundle clamp	manual: 225 / 430 mm automatic: -
max. material size with bundle clamp	Ø 510 / 800x510 mm
shortest Ø	10 mm
dimensions (LxWxH)	950x4250x2400 mm
working height	630 mm
weight	4300 kg

800-600	
type	semi automatic
90°	Ø 600 800x600
motor	14,5 kW
saw blade	9000x67x1,6 mm
saw blade speed	15/150 m/min.
length of remaining piece without bundle clamp	manual: 22 mm automatic: -
length of remaining piece with bundle clamp	manual: 225 / 430 mm automatic: -
max. material size with bundle clamp	Ø 600 / 800x600 mm
shortest Ø	10 mm
dimensions (LxWxH)	950x4250x2400 mm
working height	630 mm
weight	4300 kg

1000-1000	
type	semi automatic
90°	Ø 1000 1000x1000
motor	14,5 kW
saw blade	11045x67x1,6 mm
saw blade speed	15/150 m/min.
length of remaining piece without bundle clamp	manual: 22 mm automatic: -
length of remaining piece with bundle clamp	manual: 225 / 430 mm automatic: -
max. material size with bundle clamp	Ø 1000 / 1250x1000mm
shortest Ø	10 mm
dimensions (LxWxH)	1800x5400x3750 mm
working height	630 mm
weight	6500 kg

1140-510	
type	semi automatic
90°	Ø 510 1140x510
motor	14,5 kW
saw blade	9800x67x1,6 mm
saw blade speed	15/150 m/min.
length of remaining piece without bundle clamp	manual: 22 mm automatic: -
length of remaining piece with bundle clamp	manual: 225 / 430 mm automatic: -
max. material size with bundle clamp	Ø 510 / 1140x510 mm
shortest Ø	10 mm
dimensions (LxWxH)	950x4650x2400 mm
working height	630 mm
weight	4600 kg

1250-510	
type	semi automatic
90°	Ø 510 1250x510
motor	14,5 kW
saw blade	9800x67x1,6 mm
saw blade speed	15/150 m/min.
length of remaining piece without bundle clamp	manual: 22 mm automatic: -
length of remaining piece with bundle clamp	manual: 225 / 430 mm automatic: -
max. material size with bundle clamp	Ø 510 / 1250x510 mm
shortest Ø	10 mm
dimensions (LxWxH)	950x4650x2400 mm
working height	630 mm
weight	4650 kg

1250-600	
type	semi automatic
90°	Ø 600 1250x600
motor	14,5 kW
saw blade	9800x67x1,6 mm
saw blade speed	15/150 m/min.
length of remaining piece without bundle clamp	manual: 22 mm automatic: -
length of remaining piece with bundle clamp	manual: 225 / 430 mm automatic: -
max. material size with bundle clamp	Ø 600 / 1250x600 mm
shortest Ø	10 mm
dimensions (LxWxH)	950x4650x2400 mm
working height	630 mm
weight	4650 kg

1250-800	
type	semi automatic
90°	Ø 800 1250x800
motor	14,5 kW
saw blade	10300x67x1,6 mm
saw blade speed	15/150 m/min.
length of remaining piece without bundle clamp	manual: 22 mm automatic: -
length of remaining piece with bundle clamp	manual: 225 / 430 mm automatic: -
max. material size with bundle clamp	Ø 800 / 1250x800 mm
shortest Ø	10 mm
dimensions (LxWxH)	1300x4850x3500 mm
working height	630 mm
weight	6300 kg

1250-1000	
type	semi automatic
90°	Ø 1000 1250x1000
motor	14,5 kW
saw blade	11045x67x1,6 mm
saw blade speed	15/150 m/min.
length of remaining piece without bundle clamp	manual: 22 mm automatic: -
length of remaining piece with bundle clamp	manual: 225 / 430 mm automatic: -
max. material size with bundle clamp	Ø 1000 / 1250x1000mm
shortest Ø	10 mm
dimensions (LxWxH)	1800x5400x3750 mm
working height	630 mm
weight	6700 kg

800-510 A	
type	NC automatic
90°	Ø 510 800x510
motor	14,5 kW
saw blade	9000x67x1,6 mm
saw blade speed	15/1500 m/min.
length of remaining piece without bundle clamp	manual: 22 mm automatic: 210 mm
length of remaining piece with bundle clamp	manual: 225 mm automatic: 380 mm
max. material size with bundle clamp	Ø 510 800x510 mm
shortest Ø	10 mm
dimensions (LxWxH)	1950x4250x2400 mm
working height	630 mm
weight	5300 kg

800-600 A	
type	NC automatic
90°	Ø 600 800x600
motor	14,5 kW
saw blade	9000x67x1,6 mm
saw blade speed	15/1500 m/min.
length of remaining piece without bundle clamp	manual: 22 mm automatic: 210 mm
length of remaining piece with bundle clamp	manual: 225 mm automatic: 380 mm
max. material size with bundle clamp	Ø 600 800x600 mm
shortest Ø	10 mm
dimensions (LxWxH)	1950x4650x2400 mm
working height	630 mm
weight	5600 kg

800-600 A-2300	
type	NC automatic
90°	Ø 600 800x600
motor	14,5 kW
saw blade	9000x67x1,6 mm
saw blade speed	15/1500 m/min.
length of remaining piece without bundle clamp	manual: 22 mm automatic: 210 mm
length of remaining piece with bundle clamp	manual: 225 mm automatic: 380 mm
max. material size with bundle clamp	Ø 600 800x600 mm
shortest Ø	10 mm
dimensions (LxWxH)	3500x4650x240 mm
working height	630 mm
weight	6500 kg

800-600 A 3300	
type	NC automatic
90°	Ø 600 800x600
motor	14,5 kW
saw blade	9000x67x1,6 mm
saw blade speed	15/1500 m/min.
length of remaining piece without bundle clamp	manual: 22 mm automatic: 210 mm
length of remaining piece with bundle clamp	manual: 225 mm automatic: 380 mm
max. material size with bundle clamp	Ø 600 800x600 mm
shortest Ø	10 mm
dimensions (LxWxH)	4500x4650x240 mm
working height	630 mm
weight	6900 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.
- (only on MEBA 800-510 until 1250-600)
- Hydraulic material clamping with full stroke cylinder
- Robust 2-column linear-guided saw frame
- Extremely rugged and powerful saw blade drive
- Inclination of saw blade 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
- Double clamping main vice
- Movable lifting rollers on both sides for maximum material supporting surface

- 67 mm saw blade for max.power and best cutting results
- Hydraulic saw blade tension with pressure relief during standstill
- Minimum speed- and saw blade control on the band-wheel
- Central machine control
- Material vice can be lowered
- Wide chip canal for optimal chip disposal
- Coolant system with immersed pump, can be combined with micro-coolant system
- Innovative electric saw feed by ball screw technique on linear guide ways
- Both opening by the vice jaws at the when positioning the material
- Electronic SPS-Control

Additional standard equipment automatics

- Automatic material feed:
 - Compact design for short sections and with flexible infeed gripper making almost any length available
 - Accurate positioning of the material by ball lead screw with servo-motor
 - Ergonomic panel based on „Windows CE“ system software
- The ergonomic panel-control can be linked and provides several options:
- Teleservice for remote maintenance
 - Creation of saw programs in the office
 - Imports saw programs from CAD with DSTV-interface and data export