



## Machine Data Sheet

|             |           |           |                |
|-------------|-----------|-----------|----------------|
| MEBAxxtreme | 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

# MEBExtreme

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                                        |                                      | 800-600                                        |                                      | 1000-1000                                      |                                      |
|------------------------------------------------|--------------------------------------|------------------------------------------------|--------------------------------------|------------------------------------------------|--------------------------------------|
| type                                           | semi automatic                       | type                                           | semi automatic                       | type                                           | semi automatic                       |
| 90°                                            | Ø 510 800x510                        | 90°                                            | Ø 600 800x600                        | 90°                                            | Ø 1000 1000x1000                     |
| motor                                          | 14,5 kW                              | motor                                          | 14,5 kW                              | motor                                          | 14,5 kW                              |
| saw blade                                      | 9000x67x1,6 mm                       | saw blade                                      | 9000x67x1,6 mm                       | saw blade                                      | 11045x67x1,6 mm                      |
| saw blade speed                                | 15/150 m/min.                        | saw blade speed                                | 15/150 m/min.                        | saw blade speed                                | 15/150 m/min.                        |
| length of remaining piece without bundle clamp | manual: 22 mm<br>automatic: –        | length of remaining piece without bundle clamp | manual: 22 mm<br>automatic: –        | length of remaining piece without bundle clamp | manual: 22 mm<br>automatic: –        |
| length of remaining piece with bundle clamp    | manual: 225 / 430 mm<br>automatic: – | length of remaining piece with bundle clamp    | manual: 225 / 430 mm<br>automatic: – | length of remaining piece with bundle clamp    | manual: 225 / 430 mm<br>automatic: – |
| max. material size with bundle clamp           | Ø 510 / 800x510 mm                   | max. material size with bundle clamp           | Ø 600 / 800x600 mm                   | max. material size with bundle clamp           | Ø 1000 / 1000x1000mm                 |
| shortest Ø                                     | 10 mm                                | shortest Ø                                     | 10 mm                                | shortest Ø                                     | 10 mm                                |
| dimensions (LxWxH)                             | 950x4250x2400 mm                     | dimensions (LxWxH)                             | 950x4250x2400 mm                     | dimensions (LxWxH)                             | 1800x5400x3750 mm                    |
| working height                                 | 630 mm                               | working height                                 | 630 mm                               | working height                                 | 630 mm                               |
| weight                                         | 4300 kg                              | weight                                         | 4300 kg                              | weight                                         | 6500 kg                              |

  

| 1140-510                                       |                                      | 1250-510                                       |                                      | 1250-600                                       |                                      |
|------------------------------------------------|--------------------------------------|------------------------------------------------|--------------------------------------|------------------------------------------------|--------------------------------------|
| type                                           | semi automatic                       | type                                           | semi automatic                       | type                                           | semi automatic                       |
| 90°                                            | Ø 510 1140x510                       | 90°                                            | Ø 510 1250x510                       | 90°                                            | Ø 600 1250x600                       |
| motor                                          | 14,5 kW                              | motor                                          | 14,5 kW                              | motor                                          | 14,5 kW                              |
| saw blade                                      | 9800x67x1,6 mm                       | saw blade                                      | 9800x67x1,6 mm                       | saw blade                                      | 9800x67x1,6 mm                       |
| saw blade speed                                | 15/150 m/min.                        | saw blade speed                                | 15/150 m/min.                        | saw blade speed                                | 15/150 m/min.                        |
| length of remaining piece without bundle clamp | manual: 22 mm<br>automatic: –        | length of remaining piece without bundle clamp | manual: 22 mm<br>automatic: –        | length of remaining piece without bundle clamp | manual: 22 mm<br>automatic: –        |
| length of remaining piece with bundle clamp    | manual: 225 / 430 mm<br>automatic: – | length of remaining piece with bundle clamp    | manual: 225 / 430 mm<br>automatic: – | length of remaining piece with bundle clamp    | manual: 225 / 430 mm<br>automatic: – |
| max. material size with bundle clamp           | Ø 510 / 1140x510 mm                  | max. material size with bundle clamp           | Ø 510 / 1250x510 mm                  | max. material size with bundle clamp           | Ø 600 / 1250x600 mm                  |
| shortest Ø                                     | 10 mm                                | shortest Ø                                     | 10 mm                                | shortest Ø                                     | 10 mm                                |
| dimensions (LxWxH)                             | 950x4650x2400 mm                     | dimensions (LxWxH)                             | 950x4650x2400 mm                     | dimensions (LxWxH)                             | 950x4650x2400 mm                     |
| working height                                 | 630 mm                               | working height                                 | 630 mm                               | working height                                 | 630 mm                               |
| weight                                         | 4600 kg                              | weight                                         | 4650 kg                              | weight                                         | 4650 kg                              |

  

| 1250-800                                       |                                      | 1250-1000                                      |                                      | 800-510 A                                      |                                     |
|------------------------------------------------|--------------------------------------|------------------------------------------------|--------------------------------------|------------------------------------------------|-------------------------------------|
| type                                           | semi automatic                       | type                                           | semi automatic                       | type                                           | NC automatic                        |
| 90°                                            | Ø 800 1250x800                       | 90°                                            | Ø 1000 1250x1000                     | 90°                                            | Ø 510 800x510                       |
| motor                                          | 14,5 kW                              | motor                                          | 14,5 kW                              | motor                                          | 14,5 kW                             |
| saw blade                                      | 10300x67x1,6 mm                      | saw blade                                      | 11045x67x1,6 mm                      | saw blade                                      | 9000x67x1,6 mm                      |
| saw blade speed                                | 15/150 m/min.                        | saw blade speed                                | 15/150 m/min.                        | saw blade speed                                | 15/150 m/min.                       |
| length of remaining piece without bundle clamp | manual: 22 mm<br>automatic: –        | length of remaining piece without bundle clamp | manual: 22 mm<br>automatic: –        | length of remaining piece without bundle clamp | manual: 22 mm<br>automatic: 210 mm  |
| length of remaining piece with bundle clamp    | manual: 225 / 430 mm<br>automatic: – | length of remaining piece with bundle clamp    | manual: 225 / 430 mm<br>automatic: – | length of remaining piece with bundle clamp    | manual: 225 mm<br>automatic: 380 mm |
| max. material size with bundle clamp           | Ø 800 / 1250x800 mm                  | max. material size with bundle clamp           | Ø 1000 / 1250x1000mm                 | max. material size with bundle clamp           | Ø 510 800x510 mm                    |
| shortest Ø                                     | 10 mm                                | shortest Ø                                     | 10 mm                                | shortest Ø                                     | 10 mm                               |
| dimensions (LxWxH)                             | 1300x4850x3500 mm                    | dimensions (LxWxH)                             | 1800x5400x3750 mm                    | dimensions (LxWxH)                             | 3000x4250x2400 mm                   |
| working height                                 | 630 mm                               | working height                                 | 630 mm                               | working height                                 | 630 mm                              |
| weight                                         | 6300 kg                              | weight                                         | 6700 kg                              | weight                                         | 5300 kg                             |

  

| 800-600 A                                      |                                     | 800-600 A-2300                                 |                                     | 800-600 A 3300                                 |                                     |
|------------------------------------------------|-------------------------------------|------------------------------------------------|-------------------------------------|------------------------------------------------|-------------------------------------|
| type                                           | NC automatic                        | type                                           | NC automatic                        | type                                           | NC automatic                        |
| 90°                                            | Ø 600 800x600                       | 90°                                            | Ø 600 800x600                       | 90°                                            | Ø 600 800x600                       |
| motor                                          | 14,5 kW                             | motor                                          | 14,5 kW                             | motor                                          | 14,5 kW                             |
| saw blade                                      | 9000x67x1,6 mm                      | saw blade                                      | 9000x67x1,6 mm                      | saw blade                                      | 9000x67x1,6 mm                      |
| saw blade speed                                | 15/150 m/min.                       | saw blade speed                                | 15/150 m/min.                       | saw blade speed                                | 15/150 m/min.                       |
| length of remaining piece without bundle clamp | manual: 22 mm<br>automatic: 210 mm  | length of remaining piece without bundle clamp | manual: 22 mm<br>automatic: 210 mm  | length of remaining piece without bundle clamp | manual: 22 mm<br>automatic: 210 mm  |
| length of remaining piece with bundle clamp    | manual: 225 mm<br>automatic: 380 mm | length of remaining piece with bundle clamp    | manual: 225 mm<br>automatic: 380 mm | length of remaining piece with bundle clamp    | manual: 225 mm<br>automatic: 380 mm |
| max. material size with bundle clamp           | Ø 600 800x600 mm                    | max. material size with bundle clamp           | Ø 600 800x600 mm                    | max. material size with bundle clamp           | Ø 600 800x600 mm                    |
| shortest Ø                                     | 10 mm                               | shortest Ø                                     | 10 mm                               | shortest Ø                                     | 10 mm                               |
| dimensions (LxWxH)                             | 3000x4650x2400 mm                   | dimensions (LxWxH)                             | 4500x4650x2400 mm                   | dimensions (LxWxH)                             | 5400x4650x2400 mm                   |
| working height                                 | 630 mm                              | working height                                 | 630 mm                              | working height                                 | 630 mm                              |
| weight                                         | 5600 kg                             | weight                                         | 6500 kg                             | 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-coulmn 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