

Machine Data-Sheet

MEBasteel 1100 DGA-3300



The clever solution for structural steel



MEBasteel 1100 DGA-3300



Standard equipment

- Ergonomic panel based on "Windows CE" system software
The WEB-capable industry 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
- Automatic material infeed:
Accurate positioning of the material by linear guided infeed shuttle
- Linear guides in any axes
- Stepless adjustment of cutting pressure and saw frame feed
- Stepless height adjustment at control
- NC-Mitre capacity 30° - 135°
- Fast lowering of saw frame by button
- Hydraulic full-stroke material clamping
- Sturdy build with modern and vibration damping saw frame guidance through 2-column linear guidance
- Powerful 9 kW AC saw blade drive with high efficiency and low energy consumption
- Inclination of saw blade to vice bed approx. 3°
- Saw blade drive with stop at end of cut
- Movable saw blade guide for adjustment according to material width
- Combined precise saw blade carbide-roller guidance
- Saw blade tension hydraulically with pressure-release (stand still of machine)
- Saw blade cleaning brush
- Monitoring of saw blade motion and saw blade breakage
- Electronic SPS-control
- Control panel separately mounted
- Colour silver-grey / blue-grey (RAL 7001 / RAL 7031)



Further MEBA products like saw blades, coolants, lubricants, material stock rollers and measuring devices are also available.

| Technical data | | | | | | | | |
|----------------|-----------|--------------------|---------------------|--------------------|--------------------|-------|--------------------|--------------|
| Type | Model | 45° left | 90° | 45° right | 30° right | Motor | Saw blade | Speed |
| 1100 DGA | automatic | Ø 510 700 x 500 | Ø 510 1100 x 500 | Ø 510 700 x 500 | Ø 450 450 x 500 | 9 kW | 9300 x 54 x 1,6 mm | 15-150 m/min |

| Type | Length of material feed [mm] | | Length of remaining piece [mm] | | Shortest cutting length [mm] | Minimum Ø | Dimensions (LxWxH) | Working height | Weight |
|----------|------------------------------|-----------------|--------------------------------|------|------------------------------|-----------|--------------------|----------------|--------|
| | Single stroke | Multiple stroke | Manual | Auto | Automatic mode | [mm] | [mm] | [mm] | [kg] |
| 1100 DGA | 3300 | 9999 | 120 | 320 | 10 | 10 | 6250 x 5400 x 2300 | 630 | 6350 |