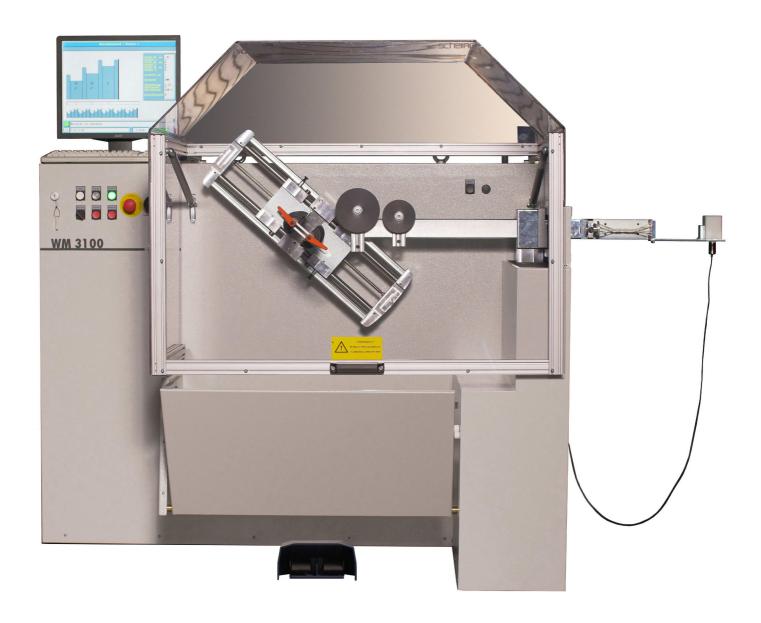
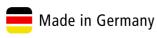


elektro-technik



Automatic Winding Machine WM 3100



Designed for use in series production and rewinding of electric motors and coils

- shortest setup times
- very simple data entry
- optimized ergonomic handling
- wide range of winding possibilities

Technical Data Automatic Winding Machine WM 3100

Performance data

80 Nm at speed 25 min⁻¹ to 175 min⁻¹, then decreasing linearly to 1/3 Rated winding torque

Working range

for IEC frame sizes 56 - 225

Coil dimensions

 Enveloping circle 710 mm max. outer former edge

Layering width 400 mm

Winding wire

No. of parallel wires 8 wires 1.32 mm Ø at 700 mm winding diameter

■ Wire entry height 1.000 mm

Machine dimensions

■ Width 1600 mm

+ area for wire guide, wire monitoring and de-reeling device

1200 mm Depth

Height with open cover 2400 mm

Power supply

380 V- 480 V three-phase, selectable in 20 V steps, 50/60 Hz Connection voltage

Connection power

Controls

 General Integrated graphical winding machine control, built-in flash fixed storage device, TFT-display, keyboard nomenclature according to country, programs

for standard formers pre-stored in software, data base for motor data, backup on USB-stick, easy graphical creation of custom former shapes and special programs without programming knowledge, feasibility check of data entries

Number of winding counters unlimited

Number of turns

Braking fully automatic Wire guide depending on wire diameter

Special accessories

- Automatic opening of the protective cover (manual closing)
- Device for insulation sleeving insertion
- Individual wire monitoring for any number of parallel wires
- Adapter mandrels WD10 and formers 3/12 for the smallest motor coils
- Three-slot-formers 3/16
- Four-slot-formers 4/11 and 4/24
- Reinforced adapter mandrels for winding without requiring front support
- Manufacturing of special formers according to drawing or sample
- De-reeling and storage units of various types

Manufacturer



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General distribution



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