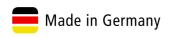
scheiing

elektro-technik



Automatic Winding Machine WM 5500



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 5500

Performance data

■ Winding speed 5 – 50 min⁻¹ infinitely variable

Rated winding torque
 Peak winding torque
 2000 Nm at speed 10 min⁻¹ to 30 min⁻¹, then decreasing linearly to 1/3
 Peak winding torque
 4000 Nm at speed 10 min⁻¹ to 30 min⁻¹, then decreasing linearly to 1/3

Working range

■ for IEC frame sizes 132 - 450+

Coil dimensions

■ Coil-Ø 1900 mm max

Layering width 540 mm

Winding wire

■ No. of parallel wires 100 wires 1.32 mm Ø at 1900 mm winding diameter

■ Wire entry height 1.000 mm

Machine dimensions

■ Width 3100 mm

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

 Depth
 1560 mm

 Height
 2280 mm

■ Weight approx. 1400 kg

Power supply

Connection power 15 kVA

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 unlimitedNumber of turns 0 - 99999

Braking fully automatic

■ Wire guide depending on wire diameter

Special accessories

Device for insulation sleeving insertion

- Individual wire monitoring for any number of parallel wires
- Four-slot-formers 4/11 and 4/24
- Six-slot-formers 6/24
- Concentric formers for lap winding in different width
- Reinforced adapter mandrels for winding without requiring front support
- Winding fixture for rectangular and diamond shape windings with standard formers
- Centric adjustable fixture for rectangular windings with 6 slot formers 6/25 without requiring front support
- Adjustable former for DC-coils with built-in layer-winding program
- Manufacturing of special formers according to drawing or sample
- De-reeling and storage units of various types

Manufacturer



Schleich GmbH
An der Schleuse 11
58675 Hemer
Telefon +49 (0) 2372-9498-0
info@schleich.com
www.schleich.com

General distribution



F. W. Scheiing KG Beratgerstraße 32 44149 Dortmund Telefon +49 (0) 231-958062-0 info@scheiing.com www.scheiing.com