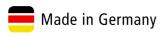


elektro-technik



# Automatic Winding Machine WM 4100



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 4100

#### Performance data

#### Working range

■ for IEC frame sizes ...... 56 - 315

#### **Coil dimensions**

Coil-Ø ...... 1000 mm max

Layering width ...... 400 mm

## Winding wire

■ Wire entry height ...... 1.000 mm

### **Machine dimensions**

■ Width ...... 2130 mm

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

Weight ..... approx. 650 kg

## **Power supply**

Connection power ...... 7 kVA

#### **Controls**

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 ...... 0 - 99999

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
- Six-slot-formers 6/24
- 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**



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## **General distribution**



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