

Smart Winder® HMW 300
Automatic Hub Motor Winding Machine



Synthesis

Features

- Flyer-type winding head.
- Automatic Winding, Core Indexing, Wire cutting and wire gripping.
- Servo Actuated Finger opening.
- Electronic wire tension controller under PLC control to achieve precise tension, programmable for different stages of winding, facilitates achieving better winding quality and flexibility in routing.
- Material exhaust sensing with Smart-detect system - to judge adequacy of material available on the spool at the beginning of each cycle reduces material wastage (Optional).
- High performance multi-axes controller in stand-alone mode with multi-program memory and PC Interface.
- Flexible menu driven programming through Windows* based Graphical User Interface (external PC) and user defined operation sequencing coupled with a powerful set of intelligent functions for achieving complex winding configurations with exceptional ease.

Technical Specifications

Particulars	Smart Winder HMW 300
Number of Spindles	1
Spindle Speed	250 RPM
Wire Size	0.5 mm to 2.0 mm (Single Strand); 5 mm ² (Multi Strand)
Core Diameter	180 mm to 300 mm
Core Stack Height	20 mm to 60 mm
Weight	1,400 Kg (Approx.)

Options

- Customized tooling
- Servo actuated core height compensation
- Synchronised internal guide block movement
- Automatic 4-Axes movement for winding

Other products

- Automatic Needle Winding Machines
- Automatic Multi-spindle CNC Winding Machine
- Semi Automatic Coil Winding Machines
- Bobbinless Winding Machine
- Flyer-Type Coil Winding Machine
- Transformer Winding Machines
- Capacitor Winding Machines
- Special Purpose Machines

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