

Smart Winder[®] LSW 350
Automatic Linear Stator Winding Machine



Synthesis



Features

- Standalone dual spindle high speed flyer machine design for winding linear/opened stator motor coils with thin wire.
- Machine design facilitates automatic wire routing and wrapping on terminal pins of the job.
- Automatic wire cut & grip functionality eliminates operator intervention.
- Ergonomically designed component holding jigs ensure quick load and unload of the component.
- Base frame made of welded steel structure and casted base plate enhances vibration absorption while maintaining structural rigidity.
- Electro-magnetic wire tension control which can be set through PLC, can be programmed to output different tension values for different stages of winding, increasing flexibility to achieve complex winding and routing patterns.

Technical Specifications

| Particulars | Smart Winder LSW 350 |
|---------------------|-----------------------------------|
| Number of Stations | 2 |
| Winding Speed | 3000 RPM |
| Wire Size | Single Wire: Ø 0.3mm to 0.7mm; |
| Core Length | 350mm (max.) |
| Core Inner Diameter | N/A |
| Core Stack Height | 55mm (max.) |
| Machine Size | 1600 x 2000 x 1800 mm (L x W x H) |
| Machine Weight | 1500 Kg (approx.) |
| Power Supply | 415Vac, 3 Phase |

Options

- Customized tooling

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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