



www.coilwindingmachines.eu

Tel: +44(0)1684 273164 Fax: +44(0)1684 273171 Email: enquiry@ingridwest.co.uk by Ingrid West Machinery Ltd

Unit 5L, Delta Drive, Tewkesbury, Glos. GL20 8HB. United Kingdom.

Multi Axis Automatic Winding Machine

8 Spindle version.

Application:

Relays, Automotive ABS coils, LCD coils, transformers, ignition coils, inductors, sensor coils, solenoids DVD reader, Inverter, Switching Power Supplies, Ballast Transformer and other bobbin-wound products....

Main features:

- The wire guide movement can be freely programmed in all 3 axes (X, Y, and Z).
- Wraps either radial or axial pins, - programmable nozzle movement through 0°, and 90° angles.
- Wire cutting on bobbin pin, nozzle cut or air nipper. Method can be chosen by operator and setup in the program.
- Password function, prevent accidental program change.
- Simplified programming with teach-in programming system using 15" touch screen.
- Easy to change tooling and machine set-up recalled from the onboard computer when changing product.
- Fully CE compliant.

Options:

- Air nipper for larger wire.
- Load and unload transfer system (as shown).
- Skeining (twisting) unit (as shown).
- Customised accessories to suit your application.



We aim to be much more than a machinery supplier. Our team has a vast range of winding experience and is able to offer help and advice on all aspects of coil winding, from tooling design to machine choice and set-up.

~ Coil winding solutions you can rely on ~



Working with local partners in the following countries;

Austria, Czech Republic, Germany, Hungary, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden.



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Main technical specifications

| | |
|----------------------------|---|
| No. of spindles | 8 |
| Wire size | 0.02-0.5 mm |
| Max traverse width | 85 mm |
| Spindle pitch | 55 mm |
| Max bobbin diameter | 50 mm – 25 mm if load unload system used |
| Spindle speed | 18,000 rpm |
| Spindle position accuracy | => 0.1° |
| Guide head drive motor | 200W AC servomotor X , Y and Z axis |
| Max movement of guide head | X(left/right) 100 mm Y(front/back) 75 mm Z(up/down) 65 mm |
| Nozzle positions | 0°, 90° or 120° |
| Max pin wrap speed | 150 Turns / min |
| Control system | Windows interface PC with USB connector & DVD ROM |
| Interface | RS232 or USB |
| Touch screen | 15 inch |
| Air supply | 6 Bar |
| Power supply | single phase 220V +-10% 50Hz |
| Power consumption | 3 KVA |
| Weight | 540 Kg |
| Dimensions (cm) | 110(W) x 130(L) x 155(H) – excluding wire spool stand |



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