



# www.coilwindingmachines.eu

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

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

## 4 Spindle Multi Axis Automatic Winding Machine

### Application:

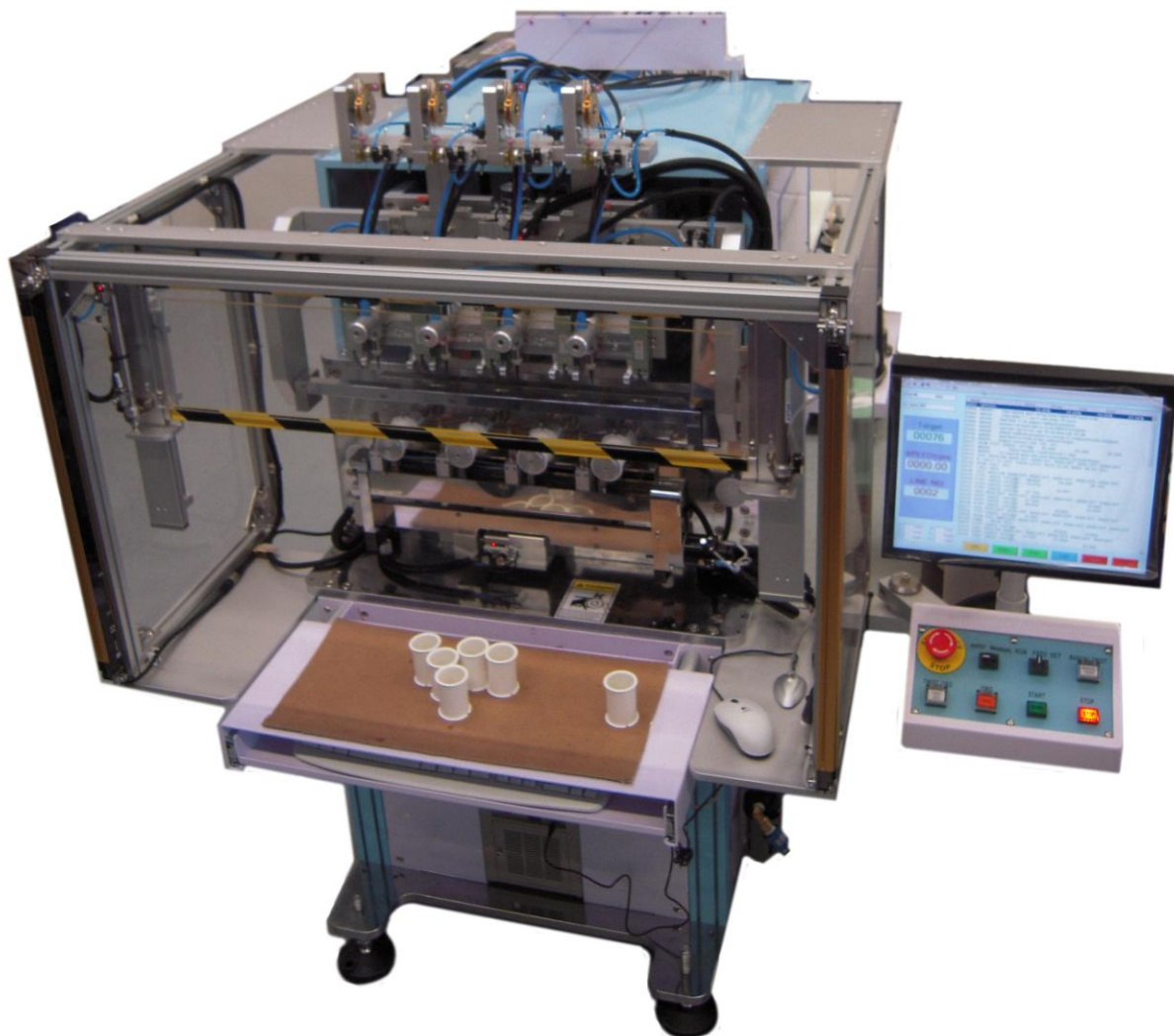
Relays, Automotive ABS coils, LCD coils, transformers, ignition coils, inductors, sensor coils, solenoids DVD reader, Inverter, Switching Power Supplies, Ballast Transformer and other bobbin-wound products....

### 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 nipper. Method can be chosen by operator and setup in the program.
- Simplified programming with teach-in programming system using 15" touch screen, windows based interface, industrial PC with USB, Ethernet network and DVD ROM facilities.
- 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 shuttle transfer system (as shown).
- Skeining (twisting) unit.
- 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 ~**

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COIL WINDING ASSOCIATION

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	4	
Wire size	0.02-0.5 mm	
Max traverse width	85 mm	
Spindle pitch	105 mm	
Max bobbin diameter	100 mm – less if load unload system used	
Spindle speed	9,000 rpm	
Spindle position accuracy	+- 0.1°	
Guide head drive motor	200W AC servomotor X , Y and Z axis	
Max movement of guide head	X (front/back)	100 mm
	Y (left/right)	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	3kW	
Weight	450 Kg	
Dimensions (cm)	110(W) x 130(L) x 155(H) – excluding wire spool stand	



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