



Ingrid West Machinery Ltd

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REPRESENTING



ACROSS EUROPE

Heavy duty Multi Axis Automatic Winding Machine SKR-DQ series 4, 6, 8 and 12 Spindle versions.

Application:

Relays, Automotive ABS coils, LCD coils, transformers, ignition coils, inductors, sensor coils, solenoids, 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°, 45° 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.
- Easy to change tooling and machine set-up recalled from the onboard computer when changing product.

Options:

- Air nipper for larger wire.
- Load and unload shuttle transfer system (as shown below).
- 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.

Ingrid West Machinery

~ 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.



Main technical specifications	
No. of spindles	4, 6, 8 or 12
Wire size	0.02-0.8 mm
Max traverse width	200 mm
Spindle pitch	140 (6 Sp), 100 (8 Sp), 50 (12 Sp),
Max bobbin diameter	50mm – 140mm
Spindle speed	6000 rpm (wire size 0.2 - 0.8) 12000 rpm (wire size 0.02 – 0.2)
Max movement speed	250 mm/s
Spindle drive motor	1500W AC servomotor
Spindle position accuracy	0.36°
Guide head drive motor	200W AC servomotor X and Z axis 400W AC servomotor Y axis
Max movement of guide head	X(left/right) 90 mm Y(front/back) 200 mm Z(up/down) 80 mm
Nozzle positions	0°, 45° or 90°
Control system	CNC controller
Controller	K4
Interface	RS232 or USB
Touch screen	Optional
Air supply	6 Bar
Power supply	single phase 220V 5% 50Hz
Power consumption	< 2.5kw
Weight	1200 Kg - (6sp)
Dimensions (mm)	2800(W) x 1650(L) x 1700(H) - (6sp)

OZMA CNC EQUIPMENT. was founded in 1988. They have become one of the world's leading automatic coil winding machine manufacturers, and have enjoyed steady growth in design, manufacture and sales of coil winding machines.

As OZMA CNC's Sole European Agent, Ingrid West Machinery shares their commitment to supply top quality coil winding machines and automation systems that satisfy the customer's requirements in every respect.

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