



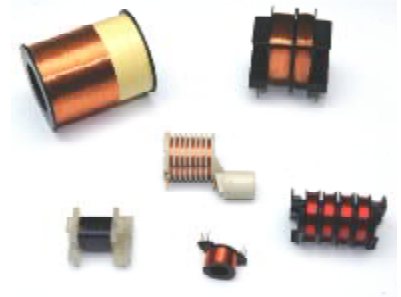
Fine wire Multi Axis Automatic Winding Machine SKR-DQA series 2, 4, 6, 8 and 12 Spindle versions.

Application:

Relay coils, magnetic head 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.
- 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	2, 4, 6, 8 or 12
Wire size	0.02-0.33 mm
Max traverse width	70 mm
Spindle pitch	30 – 60 mm versions available
Max bobbin diameter	50 mm – 140 mm
Spindle speed	12000 rpm
Max movement speed	250 mm/s
Spindle drive - AC servomotor	750W (4 & 6 Sp), 1000W (8 Sp)
Spindle position accuracy	0.36°
Guide head drive motor	200W AC servomotor X, Y and Z axis (6 & 8-60 Sp) 100W AC servomotor X, Y and Z axis (4 & 8-40 Sp)
Max movement of guide head	X(left/right) 30 mm Y(front/back) 70 mm Z(up/down) 50 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	100 Kg - (4 Sp)
Dimensions (mm)	600(W) x 700(L) x 1500(H) - (4 Sp)

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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