



[www.coilwindingmachines.eu](http://www.coilwindingmachines.eu)

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

## Multi Axis Automatic Winding Machine

### RFID CHIP INDUCTOR WINDING.

#### Application:

0402, 0603, 0805, 1008 chip sizes and other ferrite-wound products....

#### Main features:

- The wire guide movement can be freely programmed in all 3 axes (X, Y, and Z).
- Built-in welding system to connect start and finish leads.
- Bowl fee ferrite component, Wire cutting on tooling clamp, guide over start pad on ferrite, weld, winding, guide over end pad, weld, cut end wire, remove ferrite, unload - all preformed in a fully automatic way.
- 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:

- Load and unload to tape and reel.
- Various tooling can be designed depending on component requirements.
- 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 ~**



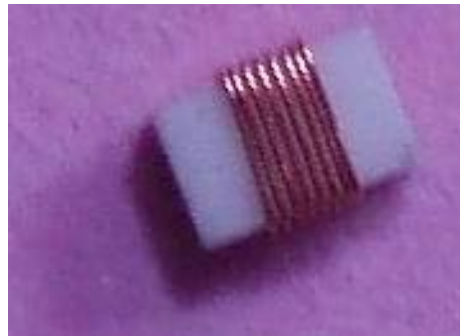
Working with local partners in the following countries;

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



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| Main technical specifications |   |                                       |
|-------------------------------|---|---------------------------------------|
| No. of spindles               | 1   |                                       |
| Wire size                     | 0.025-0.1 mm  |                                       |
| Spindle speed                 | 3,000 rpm   |                                       |
| Spindle position accuracy     | => 0.1°   |                                       |
| Nozzle movement               | 0.001 mm  |                                       |
| Spindle control               | Winding spindle<br>3 Axis servo motor                   | Welding table<br>2 axis stepper motor |
| Welding machine               | Adjustable parameters, 0-300 / Touch time 3ms           |                                       |
| Control system                | Panasonic FP $\Sigma$ system                            |                                       |
| Interface                     | Delta DOP-A57   |                                       |
| Touch screen                  | 15 inch   |                                       |
| Air supply                    | 6 Bar   |                                       |
| Power supply                  | single phase 220V +-10% 50Hz                            |                                       |
| Power consumption             | 3 KW  |                                       |
| Weight                        | 120 Kg  |                                       |
| Dimensions (cm)               | 1070(W) x 800(L) x 1880(H) – excluding wire spool stand |                                       |



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