PRODUCT FOCUS

DQA *NEW AT CWIEME 2007*
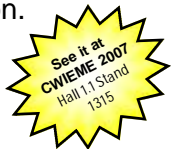## Fully automatic bobbin-less coil winder

A compact and economical solution for efficient production of air coils of all types.

The DQA is ideally suited for winding self supporting coils using thermoplastic coated wire. The CNC system enables all coil parameters to be programmed for continuous fully automatic operation.

The wire is wound onto a former and the turns bonded together. The former is then removed and the finished coil is ejected from the machine.

Typical applications include: RFID coils. laser heads, voice coils, magnet coils, sensor coils, vibrator coils and pancake motor coils.

- Automatic clamp/cut system, layer winding, material unloading and cleaning of the tool during each cycle, dispensing oil release agent if required.
- Fine programmable pitch control enabling precise layer winding.
- LCD screen for easy setup, and optional PC link.
- Wire tensioner with magnetic braking provides constant tension.
- Synchronous drive tailstock ensures precise tool alignment and allows for smaller core ID's.
- Temperature of the hot air system is freely programmable.

See it at CWIEME 2007 Hall 1.1 Stand 1315

Hot air, current and alcohol bonding options available

EZ-1200 "Double Head" Machine

EZ ZINZO, S.L.
ERASAN

Visitors to this year's show will be able to see a brand new variant of the popular EZ-1200 - the innovative EZ-1200 "Double Head."

The unique design is equipped with two winding heads for maximum versatility.

A tailstock provides support for coils up to 1100 mm long and a second winding head allowing coils up to a maximum winding diameter of 1.7 metres to be wound.

The machine bed and head are fabricated in steel plate with a painted finish. For easy cleaning, machine covers are made from stainless steel. The machine is also equipped with face plate, tailstock, security closure, guider system protection and foot pedal.

As with all Erasan-Zinzo machines, outstanding build quality comes as standard.

See it at CWIEME 2007 Hall 1.1 Stand 1315

The wide range of winding speeds - up to 500 rpm - permits both primary and secondary windings to be carried out on the same machine, thus reducing the number of production processes.

Bobifil restoration programme

Why not give your old Bobifil machine a new lease of life with a comprehensive rebuild?

EZ ZINZO, S.L.
ERASAN

Our restoration programme includes:-

- Change the Spindle encoder.
- Change the main motor for a new motor with brake.
- Change the guider motor for a brushless unit.
- Frequency controller for the main motor.
- Control of machine axes by electronic programming.
- Electrical cabinet separate from the machine to eliminate electrical noise and interference.
- Mechanical modifications, as required for fitting of new components, e.g. guide heads, tooling.
- Latest generation software.
- Total repainting and refinishing of the machine.
- New accessories at client request.
- Full compliance with CE regulations.

With over 60 restored machines already delivered to satisfied clients, there's no-one better qualified than us to carry out this work.

REPRESENTING
IWM **EZ** ERASAN & OZMA
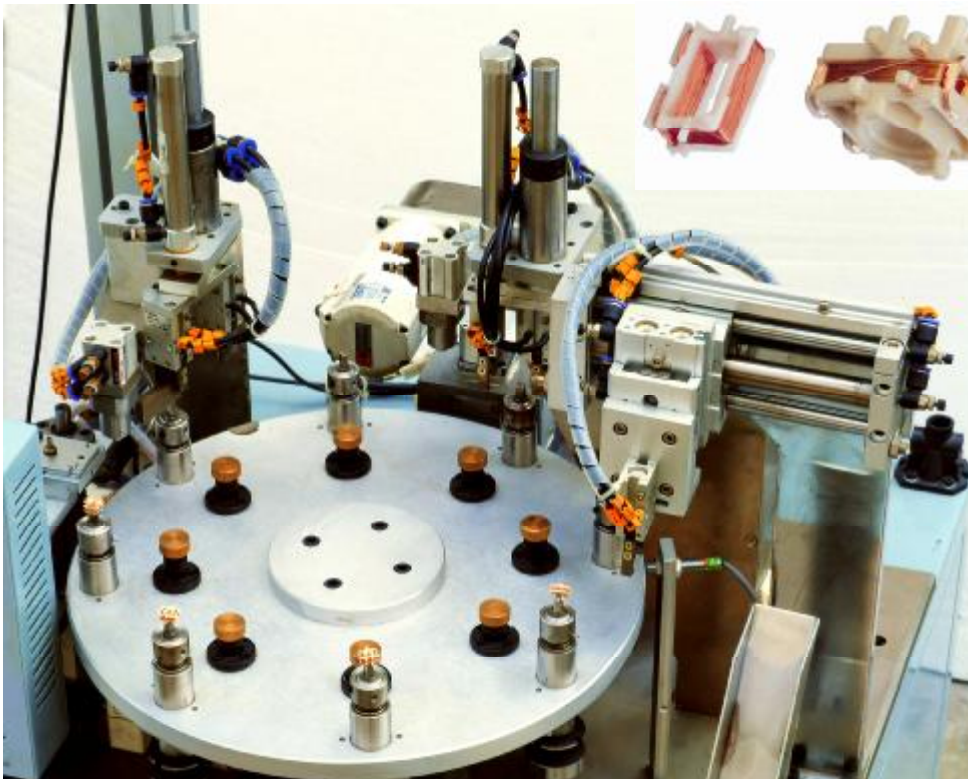Across Europe

OZMA CNC and IWM - a new partnership

❸ DQDG Automatic winding machine

- Available in 2, 4, 6, 8 and 12 Spindle versions.
- Wire guide movement programmable in all 3 axes (X, Y, Z).
- Wraps either radial or axial pins.
- Programmable nozzle movement through 0°, 45° and 90°.
- Wire cutting on bobbin pin, nozzle cut or nipper. (Method can be chosen by operator and set up in the program).
- Simplified programming with teach in programming system.
- Easy - change tooling.
- Machine set-up recalled from the onboard computer when changing product
- load and unload transfer system, Optional skeining (twisting) unit.

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IWM are the exclusive European partner of OZMA CNC—one of the world's leading manufacturers of automatic winding machines

GTX turntable process system ❹

- A custom solution for complex products
- Example: fully automatic process, pin wrap start wire, wind (linear with vertical spindle); next station, needle / hook wind set of two coils, unload gripper.
- Fast throughput
- A flexible solution capable of incorporating many process requirements.

REPRESENTING OZMA ACROSS EUROPE

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.

REPRESENTING WHEZ, ERASAN & OZMA ACROSS EUROPE
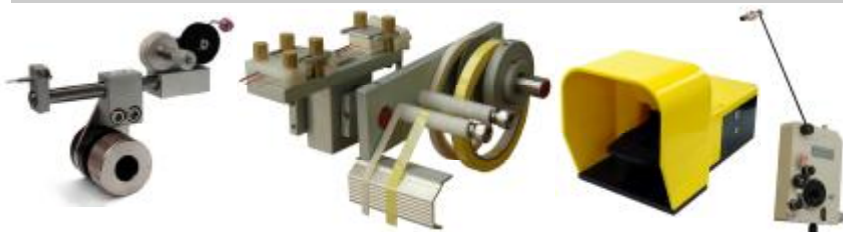
WH-751 single spindle winding machine

A compact, highly versatile bench-top machine - an invaluable tool in any winding shop.

- Maintenance-free brushless DC main drive motor producing a maximum spindle torque of 8.8 Nm.

- Traverse driven by constant current driven 4-phase stepper motor.

- 400/1200 rpm max speed ranges.

- Winding width up to 300 mm.

- Bobbin diameter up to 200 mm.

- Wire pitch up to 10 mm.

- Wire size from 0.02 – 3.0 mm with appropriate accessories.

- Supplied with comprehensive manual.

- CE Certified by TÜV Laboratories.

- Accessories include manual or pneumatic tailstock, fine wire feeder heads, tensioners, variable speed footpedal.

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The WH-751 has two speed ranges to provide all the torque that you need to wind wires up to 3.0mm in diameter.

IWM - coil winding solutions you can rely on

Working with local partners throughout Europe

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

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