



Product Focus

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Serving industry for more than 40 years

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The all new EZ-900

We are pleased to announce the latest development in winding machines for mid range power transformers (up to 600 KVA). The EZ-900 is full of features for maximum productivity.



Touch screen—a 12" colour touch screen (left) makes for easy, intuitive programming, and allows up to 5 different program languages to be stored on the system.

Shown left, a simple programming screen displays every function the operator might need.



4-Ratio Geared drive—provides maximum versatility for primary winding at high speed, whilst retaining high torque at lower speeds. The EZ-900 is capable of pulling the heaviest of wires.

As with all Erasan machines, the build quality is second to none - the robust welded chassis is fabricated in galvanized steel, and the machine covers in stainless steel.

The EZ-900 will look good and perform well on your shop floor for many years.

TECHNICAL CHARACTERISTICS.

Wire and profile wire	0.01 – 10mm
Max winding length	800 mm
Max distance between points	900 mm
Max Winding dia	500 mm
Guider precision	0.01 mm
Main shaft motor	5 HP / 3.7KW (11Nm)
Guider motor (Brushless)	0.4HP / 300W (2.2Nm)
Winding shaft speed.	0 – 3,000 r.p.m**
approx Torque Values	3000 rpm 15 Nm
(**Gear box with 4 positions)	2000 rpm 22.5 Nm
(Quick gear changeover by levers).....	500 rpm 90 Nm
.....	330 rpm 135 Nm



Electronic Newsletter

If you wish to receive this newsletter in electronic form, please visit our website www.ingridwest.co.uk.

IWM invite you to Berlin



The World's largest International Coil Winding, Insulation and Electrical Manufacturing Exhibition and Conference

CW IEME Berlin

5 - 6 - 7 May, 2009

Messe Berlin Germany

HALL 1.1, STAND 1315

Bigger than ever, this show has four halls filled with the latest developments in the coil winding industry.

Save €30.00 per day — pre-register online for free. Form available at:

WWW.INGRIDWEST.CO.UK



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Bench-top coil winding machines – A “low-start-up cost” way to produce

IWM are the exclusive European partner of Wey Hwang. Over 10 years of close co-operation between our two companies has produced many improvements in design and quality of our bench top winding solutions.

The availability of long term production contracts is in some doubt with current market conditions, and variety of product is ever increasing. Many customers are looking to increase their flexibility and ability to adapt to new products quickly, at minimum levels of capital expenditure.

How can this be done?

One way is the use of bench-top machinery. IWM's range covers most production requirements at a capital cost which is often less than tooling and setup costs of an automatic machine.

So next time you have a new product to manufacture, consider the bench top solution. With machines usually in stock (18 at time of print) and our fast, in-house tooling development option, you could be up and running within one week.

Model	764	800i	751	752
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Characteristics	764	800i	751	752
No. Spindles	1	1 or 2	1	2
Wire size	0.02 – 0.6 mm	0.02 – 0.6 mm	0.5 – 3.0 mm	0.3 – 1.6 mm
Max pitch (mm)	10 mm	10 mm	20 mm	10 mm
Max Winding width (mm)	100	110	300	110
Max Bobbin dia. (mm)	100	110	200	110
Max speed (rpm)	6000	6000 / 3000 / 1600	1600 / 400	3000
Power	AC 230 / 110 V ± 10%, 50 – 60 Hz			
Dimensions (mm)	1000 x 500 x 1000	760 x 680 x 720	950 x 520 x 600	600 x 480 x 900
Net weight (kgs)	60	37	68	55

~Talk to us~ Ingrid West Machinery offer a sampling service, simply send us a bobbin and we can evaluate and give accurate cycle times, as well as returning the wound sample for your evaluation of winding quality.

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New range of automatic multi-spindles

A new range high tech multi-spindle winding machines with low capital cost.

New series with industrial pc and advanced axis control card gives precision control for fast moving simultaneous actions during the winding process.

See them in Berlin; or to discuss your application in detail please talk us.

Main technical specifications

No. of spindles	4,6,8,12
Wire size	0.02-0.5 mm
Max traverse width	85 mm
Spindle pitch	105 mm –4sp version
Max bobbin diameter	100 mm – 50mm if load unload system used
Spindle speed	Upto 18,000 rpm
Spindle position accuracy	+/- 0.1°
Guide head drive motor	200W AC servomotor X , Y and Z axis
Max movement of guide head	X(left/right) 100 mm Y(front/back) 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, 15 inch Touch screen



In addition to the products shown in this newsletter, we have many other solutions on our updated website. See www.ingridwest.co.uk for more information



Working with local partners throughout Europe

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

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For heavy duty winding applications the machine accessories can be just as important as the machine itself to achieve maximum efficiency and quality in your product.



To avoid damage to the insulation when tensioning thick wire, tension must be applied to the supply spool. Our range of 1, 2, 4 & 32 spindle tension units use hydraulic callipers to accurately control the force applied.

Simple and convenient pneumatic controls allow the operator to adjust tension according to his requirements.



There is also a pneumatic version for round wire up to 5mm >>>

In our next issue we will feature the standard range of guide heads. Of course, almost 70% of accessories provided with our machines are custom made.

So please don't hesitate to ask your local representative for information and advice on getting exactly what you need.



See the updated "Heavy Duty" section on our website, with examples, videos and much more www.ingridwest.co.uk/indexera.htm



Bobifil Restoration Programme

Give your old Bobifil machine new life with a comprehensive rebuild

Recycling makes environmental sense, and now it makes economic sense too. Our Bobifil restoration programme can give you a "state of the art" machine at a fraction of the cost of a new one.

Our restoration programme includes:-

- Change the 500 pulse head encoder for a 10,000 pulse unit.
- Change the main motor for a brushless DC motor with brake.
- Change the guider motor for a brushless DC unit.
- Frequency controller for the main motor.
- Control of machine axes by PLC and electronic programming.
- Electrical cabinet separate from the machine to eliminate any electrical noise or interference produced by the motors.
- 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.
- Fully compliant with CE regulations.



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