



# PRODUCT FOCUS

Ingrid West Machinery Ltd

[www.ingridwest.co.uk](http://www.ingridwest.co.uk)

Autumn 2003



## Productronica 2003 Come and see us ...

**WHY** - As Europe's biggest Machinery Exhibition, this show will keep you up-to-date with every aspect of coil winding.

The 15th International Trade Fair of Electronics production, where there will be 1535 exhibitors and 88 additionally represented organizations from 29 countries, presenting their innovations on a floor space of 120,000 square metres.

**WHERE** - Messe Munich, Germany

### HALL A6, STAND 575

**WHEN** - 11th -14th November, 2003

**HOW** - Tickets; Registration details form on our website @  
[www.ingridwest.co.uk](http://www.ingridwest.co.uk)

After a successful CWEIME 2003 show in Berlin IWM will now be exhibiting a range of coil winding machinery at the Productronica show in Munich.

Since our last issue of product focus IWM have successfully installed a number of coil and toroidal winding machines throughout Europe. Countries include Finland, Spain, Romania, Czech rep, UK and Germany.



This year's **IWM** stand at CWIEME 17-19th June, 2003, Berlin, Germany.

**GS Automation**  
GUARANTEED SWISS

will also be exhibiting at the show...

### Hall A6, Stand 465

On show will be the latest 4 spindle Ariane, Biphedre and detailed video of full automation lines in production;

Mr Hartmut Rueffer will be there to answer all your questions.

Products produced on these machines vary from standard EI type transformers to complex toroidal cores and air coils used in access control systems, generators and high frequency switching applications.

**We look forward to the future and welcome all new challenges however big or small.**

#### Contact us at...

**Post:** Ingrid West Machinery, Unit 5L, Delta Drive, Tewkesbury, Glos, GL20 8HB, UK

**Web:** [www.ingridwest.co.uk](http://www.ingridwest.co.uk)

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**Phone:** +44 (0) 1684 273164

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# Focus on WH-752

## 2 spindle heavy duty bench top winder.

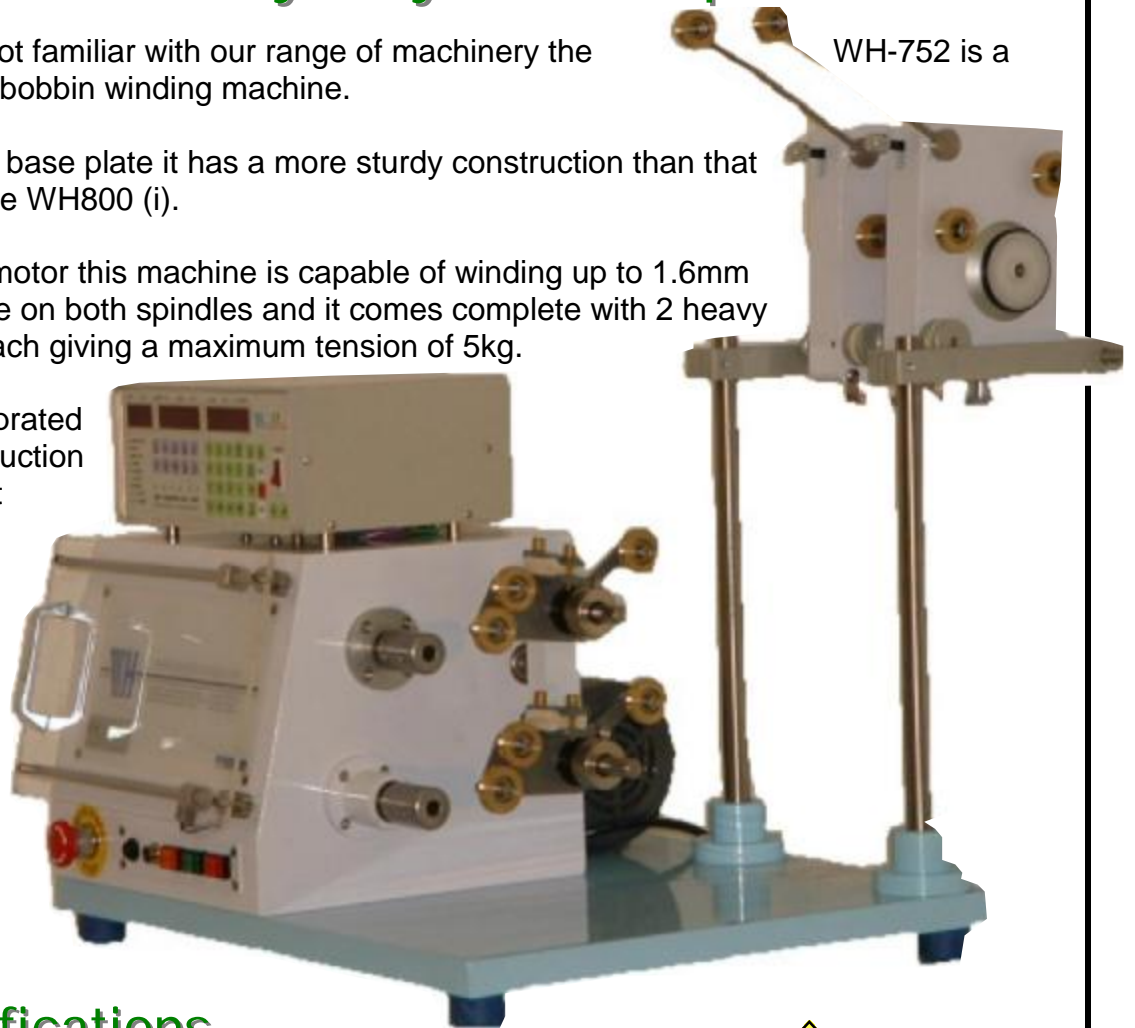
For those who are not familiar with our range of machinery the 2 spindle bench top bobbin winding machine.

Mounted on it's own base plate it has a more sturdy construction than that of it's little brother the WH800 (i).

Fitted with a 400W motor this machine is capable of winding up to 1.6mm diameter copper wire on both spindles and it comes complete with 2 heavy duty tension units each giving a maximum tension of 5kg.

Now fitted with an uprated tension stand construction giving a more robust mounting arrangement.

Wire placement is via 2 V-grooved roller wire guides, ideal for heavier wire sizes.

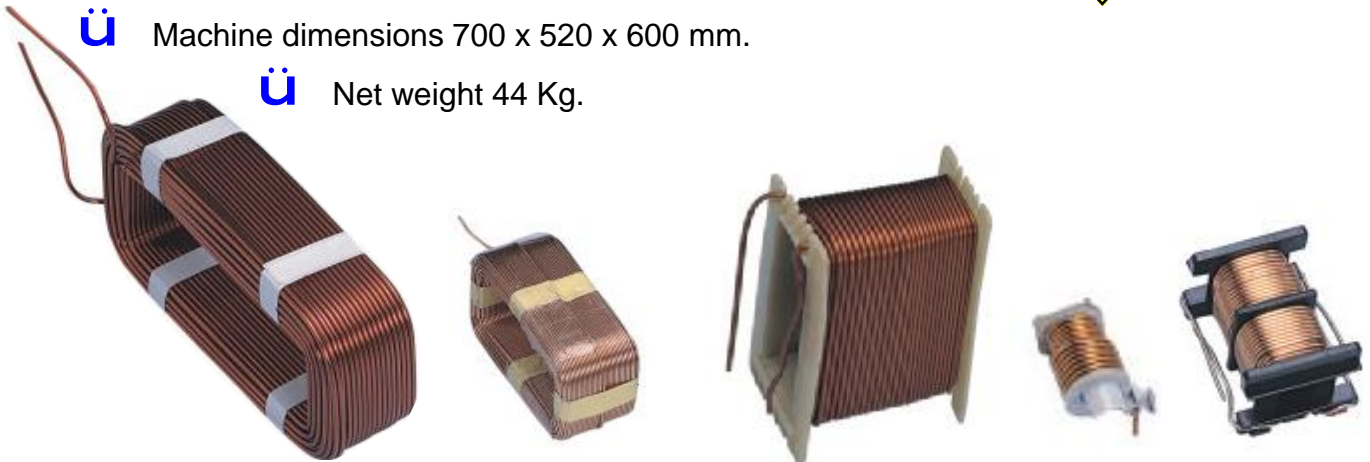


WH-752 is a

### Other specifications

- ü Maximum winding speed is 3000 rpm.
- ü Maximum traverse of wire guide 200 mm.
- ü Maximum wound diameter 110 mm.
- ü Machine dimensions 700 x 520 x 600 mm.
- ü Net weight 44 Kg.

**\* See it on our stand  
Productronica 2003  
Hall A6 Stand 575**



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# Focus on WH-737 ideal for prototyping

This small manual machine is ideally suited to the design and development of coils and inductors. It can be easily stowed away when not in use, and popped onto the bench "ready to wind"

It has a robust base plate fitted to which is a chain and sprocket used to drive the tooling holder. The operator is required to turn the handle at the front of the machine whilst guiding the wire onto the bobbin by hand.

A mechanical counter, (equipped with re-set button) keeps things simple.

Hand feed spreading for simple coil winding – ideal for low turns count



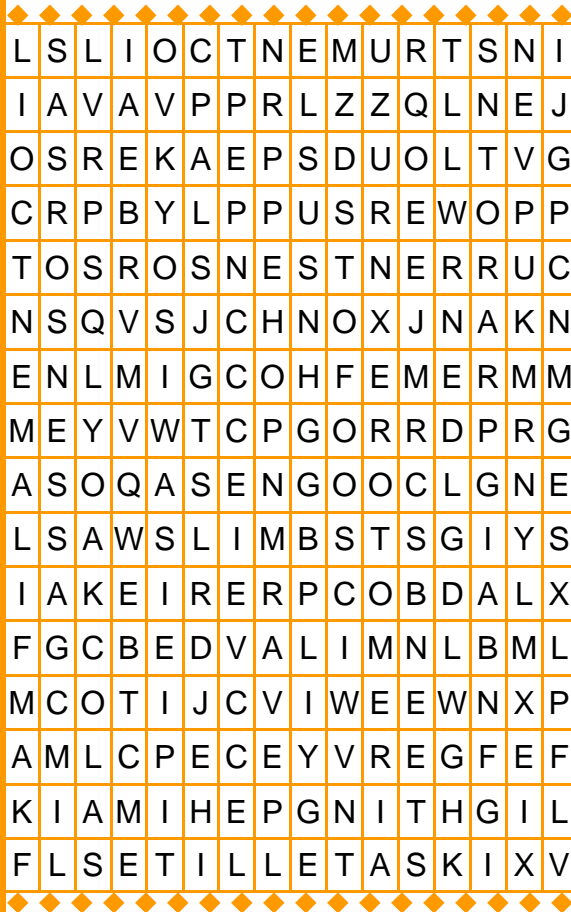
## Specification

|             |   |
|-------------|---|
| Package     | Sturdy machine base, drive handle, mechanical counter & tool holder |
| Turns ratio | One turn of handle produces five turns of bobbin                    |
| Dimensions  | 45 x 28 x 25 cm   |
| Net weight  | 10 kg   |

## The IWM Wordsearch

Can you find these words...

...hidden in the bobbin?



- |                    |                |
|--------------------|----------------|
| ? Access control   | ? Medical      |
| ? Aerospace        | ? Mobile phone |
| ? Current sensors  | ? Motor        |
| ? Filament coil    | ? Power supply |
| ? Filtering        | ? Relay        |
| ? Gas sensors      | ? Satellites   |
| ? Instrument coils | ? Vending      |
| ? Lighting         | ? Watch        |
| ? Loudspeakers     |                |

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# IWM support your Windings better

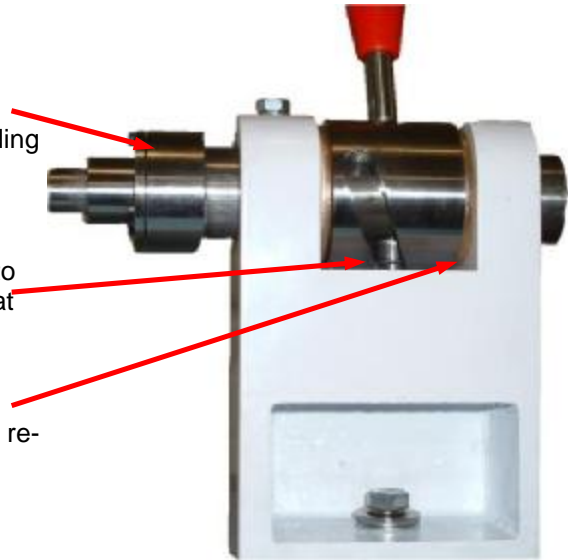
Good construction is often the key to a quality winding

## New larger shaft diameter -

Allows larger bearing (double row angular contact) to be fitted providing greater support to the tooling or bobbin

## Stroke movement -

Now provided by a helix on the collar - a needle roller bearing fitted to the shaft gives a smoother operation, and has built-in locking points at each end of its stroke.



## Precision guide bushes -

Self lubricating, suitable for continuous repeated operations.

Bearing ID to mount tooling: 10 mm

Max stroke length: 25 mm

We aim to be much more than a machinery supplier; our team has a wide 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, if you were to send a bobbin sample we could set-up the machine before despatch- so upon delivery the package is "ready to wind".

**We provide coil winding solutions and support you can rely on.**

## Talk to us-we'll listen!



New Tail Stock shown with air coil tooling



**Ingrid West  
Machinery Ltd**

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Your Company : \_\_\_\_\_  
Contact Name: \_\_\_\_\_  
Position: \_\_\_\_\_  
Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_  
E-Mail: \_\_\_\_\_

### Change your details:-

- We no longer wind coils, please remove us from your database
- Our address has changed, as shown on the left
- Please add my colleague to your mailing list: Mr/Mrs/Miss/Ms/Dr

Position \_\_\_\_\_

Post Code: \_\_\_\_\_

**We want to wind** toroids / bobbins / air coils / RFID / chip wound inductors / automation products

With **wire of diameter**  mm (or, we are interested in your machine  )

**Or** We are interested in transformer lamination stacking machines / solder pots / wire handling equipment.

*Let's talk!*

## Need a sample ?

**IWM** offer an excellent toroid sampling service. From the bare toroid specification, we select the best equipment to use, wind your samples and return them to you together with example production times, quotation etc. We can then demonstrate the machine to get your production started, at *your* premises, at *your* convenience.

**All this is available to you absolutely free. Talk to us—we'll listen!**

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