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

WH 800i Two spindle transformer winding machine.

Specification

Program Microprocessor controlled, capable of holding 999 program

sequences which may be run independently or in selected blocks for

compound windings.

Control Spindle drive - High torque brushless DC induction motor producing a

max torque 78.5 Ncm.

Traverse - Constant current driven 4-phase stepper motor.

Application Nozzle type wire guides feed each spindle, these are adjustable so

that dual winding may be carried out successfully. Each guide is fed

via a tension unit.

Package Includes 2 x nozzle wire guides, 2 x tension units and cover tape

attachment, with comprehensive manual.

Wire size Typically 0.02 - 0.6 mm (1.0mm in single spindle mode).

Max pitch 10 mm

Winding width 110 mm (max)

Bobbin dia 110 mm (max)

Max speed 6000, 3000 (optional)

Power AC 230 / 110V ± 10%, 50-60hz

Dims 760 x 680 x 720 mm

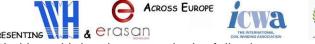
Net weight 37 kg

CE cert. no. AE9955093 01



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.

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Tensioners - Fine wire, low cost.

Specification

These mechanical tensioners provide precision control of winding tension for wires in the range from 0.02mm to 2.0 mm.

The arm position provides feedback to the system, adjusting the main friction wheel to regulate and maintain constant tension during the winding cycle.

Felt pads provide pre-tension and remove dust and other debris from the wire.

Ceramic eyelets and roller guides at each point of contact protect insulation from mechanical damage, and guide the wire.

The performance of these units is exceptional given the low cost, providing outstanding value for money.

* The wire sizes shown are a <u>quide only</u>, for copper magnet wire at recommended "Standard Tension". The tension required in practical applications may vary considerably.



Models TC3S ~ TCM Model TCL-X / TCLL-X

Model Type	Min Tension (grams)	Max Tension (grams)	Min Wire Gauge (mm) *	Max Wire Gauge (mm) *
TC3S	2	11	0.02	0.04
TCSS-X	7	30	0.03	0.06
TCSS	9	50	0.04	0.08
TCS-E	20	130	0.06	0.13
TCS	40	200	0.08	0.16
TCM	90	500	0.16	0.25
TCL-X	200	2000	0.20	0.60
TCLL-X	1000	5000	0.50	1.2

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