

www.coilwindingmachines.eu

Tel: +44(0)1684 273164 Fax: +44(0)1684 273171 Email: enquiry@ingridwest.co.uk by Ingrid West Machinery Ltd

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

WH 520 Two spindle "Fly 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.

Index - Constant current driven 4-phase stepper motor.

Application Nozzle type wire guides feed each spindle. Each guide

is fed via a separate tension unit. With the *Fly winding* principle, wire is wound around the stationary core -

ideal for motors.

Package Includes 2 x nozzle wire guides, 2 x tension units

and cover tape attachment, with comprehensive

manual.

Wire size 0.03 – 0.6 mm

Max pitch 10 mm

Winding width 70 mm (max)

Motor OD 8 - 50 mm

Motor Height 20 mm (max)

Max speed 3000 rpm

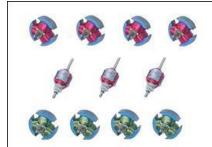
Power AC 230 / 110V ± 10%, 50-60hz

Dims 700 x 350 x 100 mm

Net weight 65 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.

~ Coil winding solutions you can rely on ~







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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>guide only</u>, for copper magnet wire at recommended "Standard Tension". The tension required in practical applications may vary considerably.



	Model TCL-X / TCLL-X
TC3S ~ TCM	

Model	Min Tension	Max Tension	Min Wire	Max Wire
Type	(grams)	(grams)	Gauge (mm) *	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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