



E-1200 WINDING MACHINE

DESCRIPTION.

The E-1200 is a floor standing style winding machine, medium sized to be easily placed in a factory or workshop, equipped with head and bench in galvanised steel and covered in stainless steel, fixation plate, tailstock with security closure, guider system protection and pedal.

The machine is governed by numeric control and CNC electronic programming.

This machine is specially designed for the manufacture of solenoids and power and distribution transformers from 10 to 1.200 KVA, using aluminium or copper wires, including rectangular or flat wires with a special guider.

The wide range of velocities, up to 500 r.p.m, permits primary and secondary windings on the same machine, thus reducing the production processes. The concept and design facilitates the placement of necessary accessories such as end-fillers, insulation paper or foil, of various types.



TECHNICAL CHARACTERISTICS

Wire Ø (and profile wire).....	0.01 – 30 mm
Max winding length.....	1.100 mm
Max distance between points.....	1.200 mm
Max winding Ø	800 mm
Guiding precision.....	0,01mm
Winding shaft speed	500/250 rpm *

* The standard machine is available in two models, high speed and low speed

Belt Position **	High Speed 500 RPM		Low Speed 250 RPM	
	Torque (Nm)	Speed (Rpm)	Torque (Nm)**	Speed (Rpm)
1	172	500	413	242
2	1033	96	1447	69

** The head has two belt positions; the position directly depends on the product to be wound
E.g. Wire cross-sectional area & Coil diameter > torque required.

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 ~



Working with local partners in the following countries;

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



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

Main shaft motor	Brushless Servo Motor
Guider motor (Brushless)	0.4 HP / 300 W
Electrical supply	3 x 380Vca - 50Hz
Max load between points (coil weight).....	1,000 Kgs
Approx machine weight.....	1,200 Kgs

PROGRAMMING CHARACTERISTICS.

User interface (touch screen).....	10inch (254mm)
No. of winding programs (per SD card)	Max. 10,000
No. of windings per coil	Max. 200
Type of programming.....	CNC
Typical delivery time.....	90 Days

(Please confirm at time of order)

SIMPLE & EFFECTIVE MACHINE OPERATING SOFTWARE

The all-new machine operating software has an intuitive graphical interface and a 10-inch (254mm) full colour touch screen - with user's choice of language - making programming a new coil easier than it has ever been.

Program storage is now done directly to a standard SD card. This allows a fast simple backup, with the option of windows™ software, WIN bobbin for full PC connectivity.



ACCESSORIES

The wide range of accessories designed to work with the E-1200 includes guiders for round and square wires, wire tensioning and de-reeling systems, paper and insulation material feeders.

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