



EZ-1200-SGB WINDING MACHINE

DESCRIPTION.

The EZ-1200-SGB 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 2000 KVA, using aluminium or copper wires, including rectangular or flat wires with a special guider.

The wide range of velocities, up to 750** 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 or insulation paper in foil, of various levels.



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 / 750 r.p.m**

(** There are two version of this machine each having four gear positions)

Torque and speed

Gear Position	500 RPM version		750 RPM version	
	Torque (Nm)	Speed (Rpm)	Torque (Nm)	Speed (Rpm)
1	168	500	112	750
2	252	333	168	500
3	504	166	336	250
4	756	111	504	166

Main shaft motor (Brushless servo motor).....	28 Nm/3000 rpm
Guider motor (Brushless)	0.4 HP / 300 W
Air supply	6 bar (minimum)
Electrical supply	3 x 380Vca - 50Hz
Max load between points (coil weight).....	1,000 Kgs
Weight.....	1,200 Kgs

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.



PROGRAMMING CHARACTERISTICS.

User interface.....	12inch (304mm) touch screen
No. of programmable windings	Max. 16,000 (per SD card)
No. of windings per coil.....	Max. 200
Type of programming.....	CNC
DELIVERY TIME.....	60 Days from order confirmation.

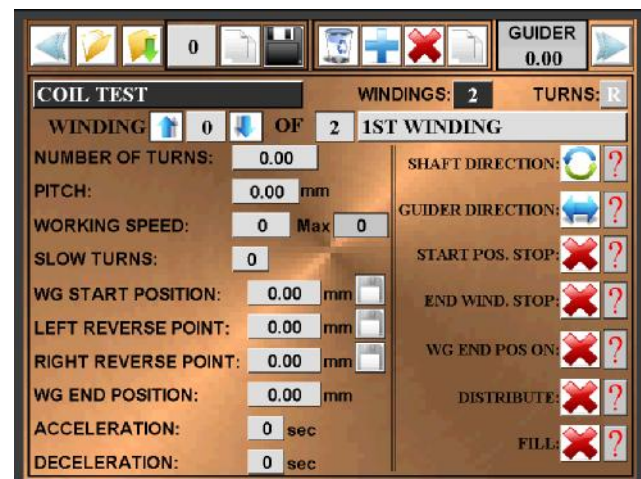
Key new features for this machine EZ-1200-SGB (Switch Gear Box).

Increased flexibility for the machine speed ranges and higher torque has been achieved by the use of a powerful brushless servo motor, and equipping the machine with a 4-speed gear box. This allows the operator to select an appropriate maximum winding speed and torque for each individual task.



The all-new machine operating software has an intuitive graphical interface and a 12-inch (304mm) 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.



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