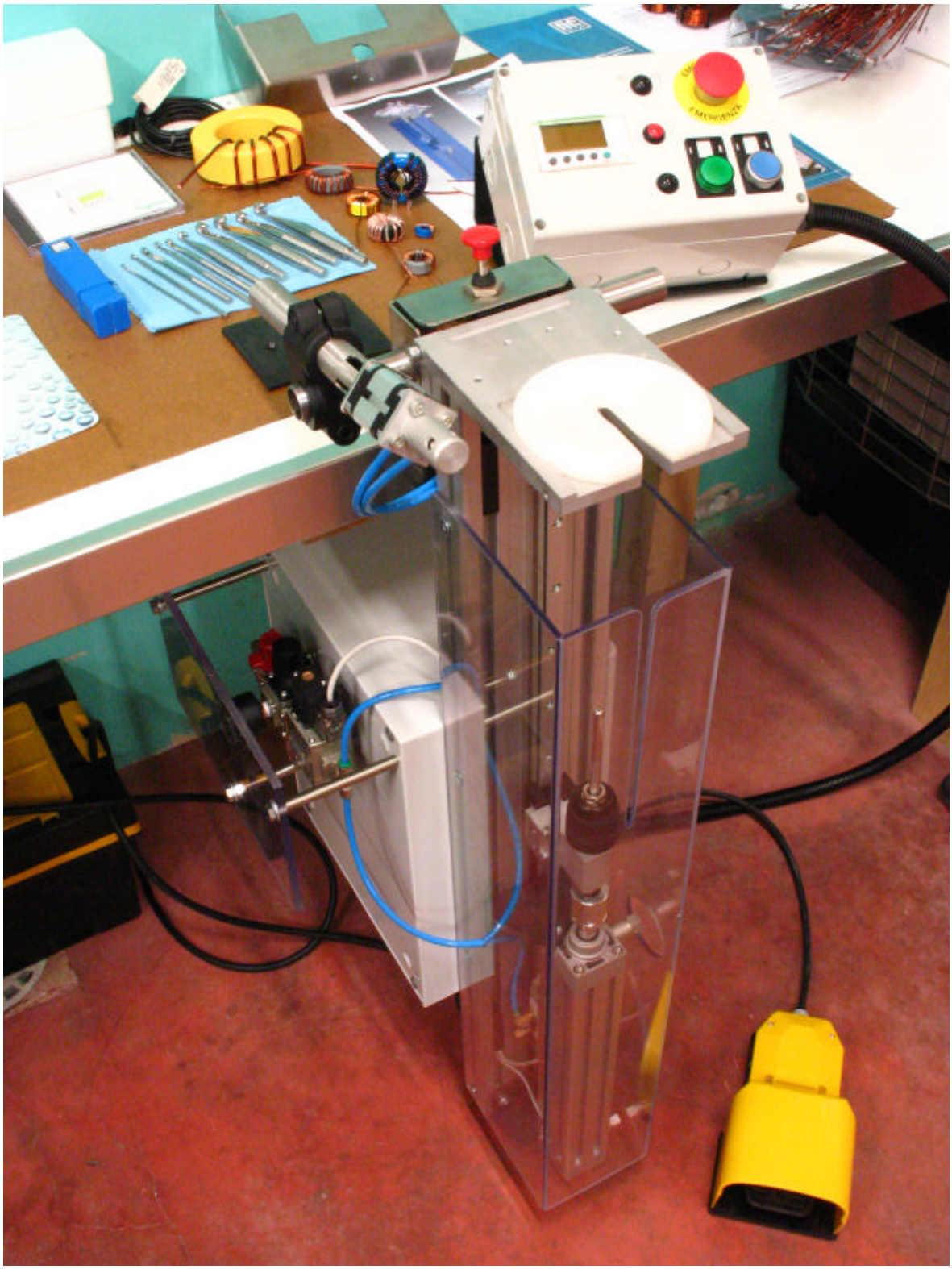
Bench **Needle toroidal winding** controlled by PLC

Mod. DG 02



Cavenago S.n.c. - viale Sarca 11 - 20125 Milano
Tel 02-66114374 Fax 02-66114430 info@cavenago.it www.cavenago.co.it

The semi-automatic toroidal coil winder has been designed, built and protected to wind spires of different kinds of copper wires on various typologies of ferromagnetic toroidal nucleus.

Thanks to the high precision of the vertical movement, it's possible to produce with the same equipment windings with wires that have a capillary section and windings with wires that have a more thick section (**max 10 mm²**).
- The keyless chuck has hooks with a junction that has a diameter from **2 mm** to **10 mm**.
- The traction force is **750 N** (*76,5 kg considering a 6 bar pressure*).
- It is possible to produce windings starting from an internal residual-hole of **4 mm** up to an external diameter of the nucleus of **100 mm** (with the provided support base).
The pneumatic cylinder in this model has a **300 mm** stroke.

Pneumatic wire parking

Avoiding initial windings around the pivots means avoiding
fingers fatigue (*especially for wires with a big section*).
One pneumatic parking unit is supplied with the machine, second one (to wind primary and secondary during same cycle) is optional under customer requirement.

Needle

Needle code	*Description*	*Wire size*
AGO01GDG03STD	needle 3 mm	0 – 0,6 mm
AGO01GDG05STD	needle 5 mm	0 – 1,8 mm
AGO02GDG06STS	needle 6 mm	0 – 2,2 mm
AGO03GDG08STD	needle 8 mm	0 – 3,2 mm
AGO04GDG10STD	needle 10 mm standard	0 – 4 mm
AGO05GDG10BIF	needle 10 mm bifilar	0 – bifilar max 2,5 mm
AGO06GDG12STD	needle 12 mm standard	0 – 5,5 mm
AGO07GDG12BIF	needle 12 mm bifilar	0 – bifilar max 3 mm

Overall size
Width: 343 mm
Depth: 469 mm
Height : 1003 mm

Weigh
25 kg

Electric pneumatic supply
Type of connection Single-phase + N + T
Voltage of exercise 220 V ac 50 Hz + 5% -5%
Power the machine needs 280 W
The electricity connection point is at the top of the electrical panel.
Main Pneumatic Characteristics
Pressure of exercise 6 bar
Minimum pressure 4 bar
Air use 5 Nl/min

Cavenago S.n.c. - viale Sarca 11 - 20125 Milano
Tel 02-66114374 Fax 02-66114430 info@cavenago.it www.cavenago.co.it