

## SEMIAUTOMATIC BENDING MACHINE FOR FAN OVENS ELEMENTS



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This semi-automatic bending machine has been constructed for manufacturing all resistances that can be wound up as spirals or rings on cylinder diameters ranging from m/m 20 to m/m 350.

Therefore it can carry out spirals with helix to the right or to the left and length up to m/m 200.

A peculiar system for guiding the extremities of the resistances being wound enables to maintain the terminal pins with bend already carried out perfectly aligned with the plane.

The chuck carrying the shape translating according to the pitch set, is equipped with a pneumatic system for locking the piece.

The chuck rotary movement is given by a D.C. motor with electronic control of the axis angular shiftings.

The position by the station is therefore programmable by a computer that can store a wide variety of working programmes.

The bending-winding machine is backed-up by a manual bending machine with pneumatic operation and 2 or 3 units that carry out the bending of the extremities up to 120° and more bends, if necessary, in the centre of the resistance by 180°.

By the side a small press (upon request) for the finishing of specially-shaped terminal pins.

### MAIN TECHNICAL CHARACTERISTICS:

Max. resistance length	mm	2000
Resistance diameter	mm	6/10
Wattage installed	kW	1.5
Power supply	Volt	3x400 - 50 Hz
Pneumatic pressure	bar	6
Machine productivity depending on the model	pcs/h	150/200
Tooling time when changing model	min.	6/10
Dimensions	mm	2000x1500x1000
Weight	Kg.	350

