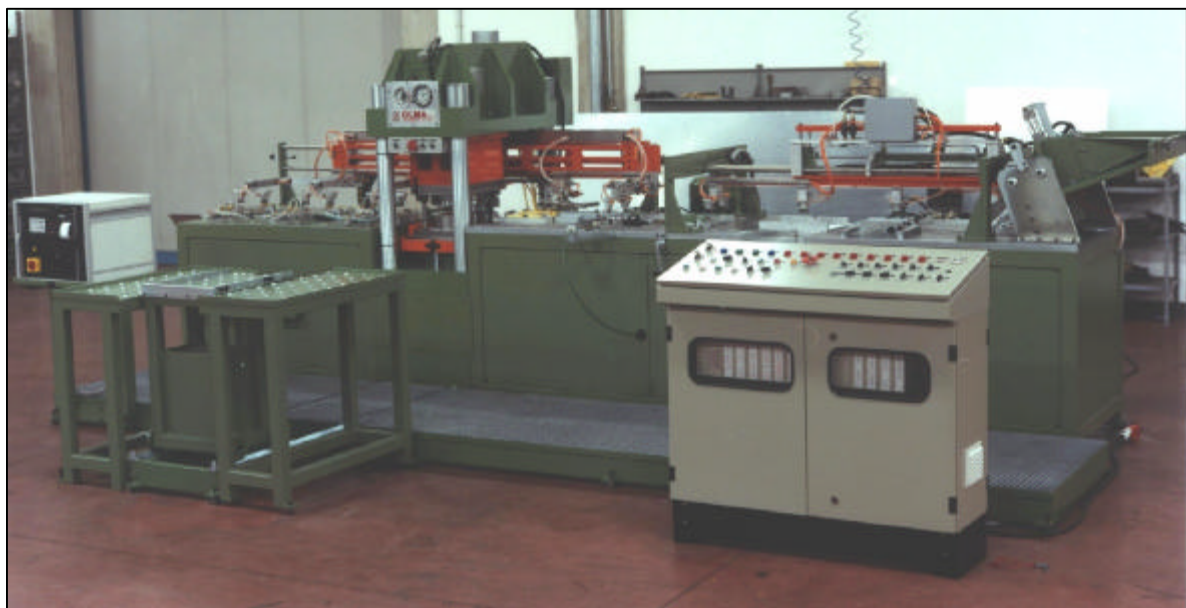


**TRANSFER MACHINE FOR BENDING OF CIRCULAR ELEMENTS WITH
ELECTRIC TESTINGS AND FASTONS WELDING**



TRANSFER MACHINE FOR BENDING CIRCULAR RESISTANCES ELECTRICAL TESTS AND WELDING THE FASTONS

This transfer machine is based on our mod. OP-058, with this innovation it is possible to achieve, besides the circular forming, further preparing and finishing works on the resistance terminal pins and a greater productivity for large series.

The transfer machine is made up of 14 stations and it is operated by a beam transporting system with manipulating pliers on a 500 m/m pitch.

These is the succession of the operation this machine carries out:

- Automatic feed of the resistance.
- Cutting of the terminal pins.
- Chamfering of the terminal pins.
- Applying on both sides of the plastic or rubber plugs
- Truing and locking.
- Bending of the extremity by 90° with reference on the armour by means of a special bending unit.
- Circular winding on a 340° shape by means of a special unit.
- Pressing of the bends at the extremity for coining by means of a 35-ton hydraulic press.
- Ohm test with rejections.
- Test at high voltage with rejections.
- Automatic welding of two fastons with simultaneous checking of the welding and power supply.
- Should there be a defect by the welding of the faston, then a rejection will take place.

The whole machine sequence and working cycle are controlled by electronic PLCs and a self-diagnosis of the machine stoppings.

MAIN TECHNICAL CHARACTERISTICS:

Machine dimensions:	mm	10000x2500x1700
Resistance length	mm	300-1000
Resistance diameter	mm	6-8,5
Feeder capacity	pcs.	1000
Resistance wound up diameter	mm	100-300
Wattage installed	kW	15
Power supply	Volt	3x220/400-50 Hz
Pneumatic pressure	bar	6
Hydraulic control unit	oil litres	250
Productivity	pcs/h	5/600
Tooling time when changing model	min.	45/60
Machine weight	kg.	5200

