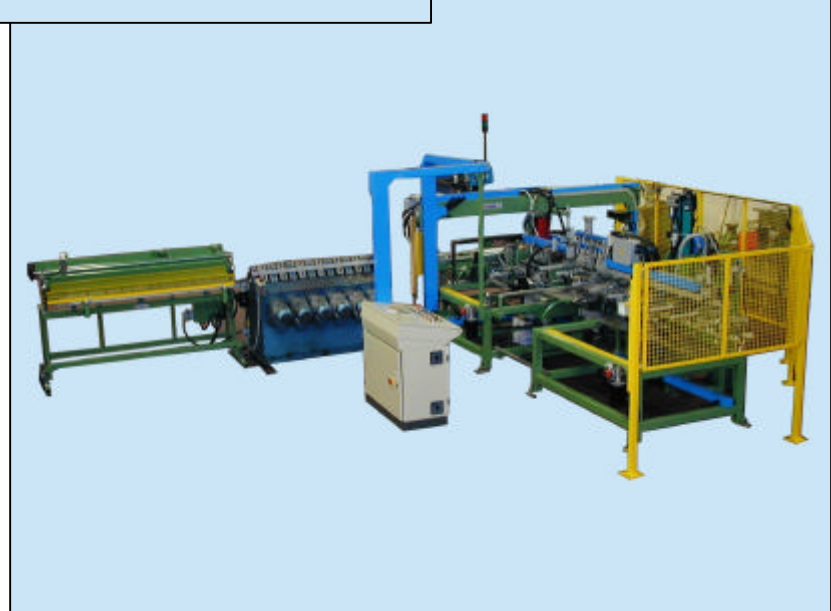
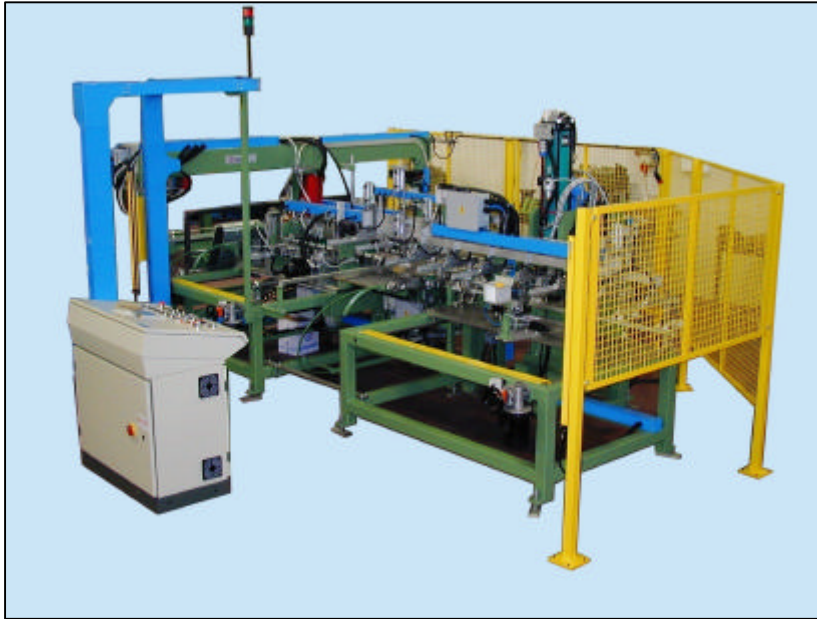


TRANSFER MACHINE FOR SPOT ANNEALING AND U-BENDING OF COPPER RESISTORS



TRANSFER MACHINE FOR SPOT ANNEALING AND U-BENDING OF COPPER RESISTORS

This machine has been specifically developed for processing heating elements armoured in copper. The process produces elements bent into a U shape with a bent and repressed area in order to restore solid packing of the magnesium oxide inside the element.

The machine is composed of the following units:

- Hopper feed for pieces.
 - Automatic centering system.
 - Electric spot annealing and cooling unit for resistors.
 - Bilateral end-cutting unit.
 - Pneumatically operated U-bending unit with relative centering system.
 - Power pack oleo-dynamically operated repressing unit.
 - Possible addition of two units placed opposite one another for turning to size of the copper armor.
 - Possible addition of an end bevelling and armoured-ends brushing unit.
- Possible addition of a Fast-on welding unit after the bending unit.

GENERAL TECHNICAL SPECIFICATIONS:

Resistor length	mm.	400 ÷ 1800
Inner bend radius	mm.	7 ÷ 37
Length of cut end	mm.	7 ÷ 30
Electric power supply	V.	3x400+N 50 Hz
Installed electric power	KVA	31
Pneumatic power supply	bar	6
Air consumption	lt./min.	7
Cooling water rate of flow	lt./min.	2.5
Average production capacity	pieces/h	500
Time required to adjust equipment for different model	min.	8 ÷ 10
Feeder capacity	pieces	about 800
Maximum press force (at 6 bar)	Kg.	2900
Press air consumption	lt./min.	6
Dimensions	mm.	3500x5500x1600
Weight	Kg.	4000

