PNEUMATIC DEVICE TO ASSEMBLE THE PLASTIC PLUG ON THE BOTTOM TERMINAL PIN

This is an electropneumatic device, with manual loading, to assemble automatically the plastic plugs on the bottom terminal pins. This unit is best suited to manual welding of terminal pins to coils.

THE MACHINE IS FORMED BY:

- Structure where the plugs assembling system is mounted
- Bench
- Electropneumatic device to assemble the plugs to the pins (5 marks)
- Pneumatic system to unload the pins at the end of the cycle

WORKING MODE:
The operator loads 5 plugs in the appropriate plugs support sites. Then he takes 5 pins from the pins holder, and one by one he puts them in the site for pins, paying attention that the “tail” of the pins is put in the direction of the plugs. Pressing the “start cycle” two hands control, the assembling cycle is carried out, that is the pin pushers go down in order to insert the pins on the plastic plugs. The stroke of the pushers is adjustable, moving the stroke stop reference of the pusher cylinder, so the position of the plug in the pin can be adjusted.

Once the pins have been inserted, the cylinder moves backwards, and the pins with the plugs are automatically unloaded.
The operator inserts again the plugs and the pins and repeats the cycle.

Plug change
It is possible to use different plugs changing the insert where the plugs are supported. The plug support is customized for each model of plug.

Pin change
It is universal, so nothing has to be changed.

TECHNICAL CHARACTERISTICS:

- Plastic plug : dwg. to be defined
- Diameter of terminal pins : mm to be defined
- Length of terminal pins : mm 45-120 mm
- Pneumatic supply : Ate 6

AVAILABLE VERSIONS:

Mod. 121/60.M50000 – Terminal pins 45 – 120 mm
Mod. 121/60.M50200 – Terminal pins 45 – 200 mm
Mod. 121/60.M50400 – Terminal pins 45 – 400 mm

Optional extras:

Mod. 121/60.M50010 – Set of spare parts for an additional model of plug
Mod. 121/60.M50000