

AUTOMATIC MACHINE TO ASSEMBLE THE PLASTIC PLUGS ON THE BOTTOM TERMINAL PINS



WATCH THE VIDEO

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



Summary

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MACHINE COMPOSITION

The machine is formed by:

- Automatic vibrating feeder for plastic plugs. The vibrator is complete with specific bowl for each type of plastic plug, and a guide (track) to carry the plug to the assembly position.
- Automatic feeder for bottom terminal pins. All terminal pins must be positioned in a suitable container with their points in the same direction.
- Electropneumatic device to assemble plugs on terminal pins and to unload them at the end of the cycle.

The machine is designed to be run with a minimum amount of supervision by the operator. The presence of the operator is only required to reload the feeders or eventually clear up a jammed plug.

Note: No set up is required neither when changing the length of the terminal pins nor when the plastic plugs are in the same position with reference to the terminal pin end.

TECHNICAL CHARACTERISTICS

Plastic plug	dwg.	To be defined
Diameter of terminal pins	mm	To be defined
Max length of terminal pins	mm	400
Power supply	V	To be defined
Pneumatic supply	Ate	6

AVAILABLE VERSIONS

Mod. 121/60.410000	Terminal pin length 45-400 mm	Cycle time 2-3 sec
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Note: The speeds of this assembly device depend on the quality of the plugs being assembled. The plugs must absolutely be free of burrs (otherwise they can not be fed properly and jam on the bowl tracks) and the dimensions must be consistent. Not complying with this will cause the machine to stop require the attention of the operator and the rates (cycle times) indicated will not be met. The terminal pins must be straight for the same reasons

OPTIONS

Mod. 121/60.200000	Spare parts for a second model of plastic plug
Mod. 121/60.300000	Spare parts set for diameter end pins 3,5 - 4,5 mm
Mod. 121/60.200050	Container-terminal pin feeder
Mod. 121/60.000050	Wear parts set