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

This is an electropneumatic device to assemble automatically 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.

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.

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
- Length of terminal pins: mm to be defined
- Production rate: sec. see machine model
- Power supply: V to be defined
- Pneumatic supply: Ate 6

AVAILABLE VERSIONS:

<table>
<thead>
<tr>
<th>Mod.</th>
<th>Terminal pin length</th>
<th>Cycle time</th>
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<tbody>
<tr>
<td>121/60.000000</td>
<td>45-200 mm</td>
<td>2-2,5 sec</td>
</tr>
<tr>
<td>121/60.410000</td>
<td>45-400 mm</td>
<td>2-3 sec</td>
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</tbody>
</table>

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.

Optional extras:

- Mod. 121/60.200000 - Spare parts for a second model of plastic plug
- Mod. 121/60.300000 - Spare parts for terminal pins with diameter 3.5 - 4.5 mm
- Mod. 121/60.200050 - Container-feeder for terminal pins
- Mod. 121/60.000050 – Set of parts subject to wear