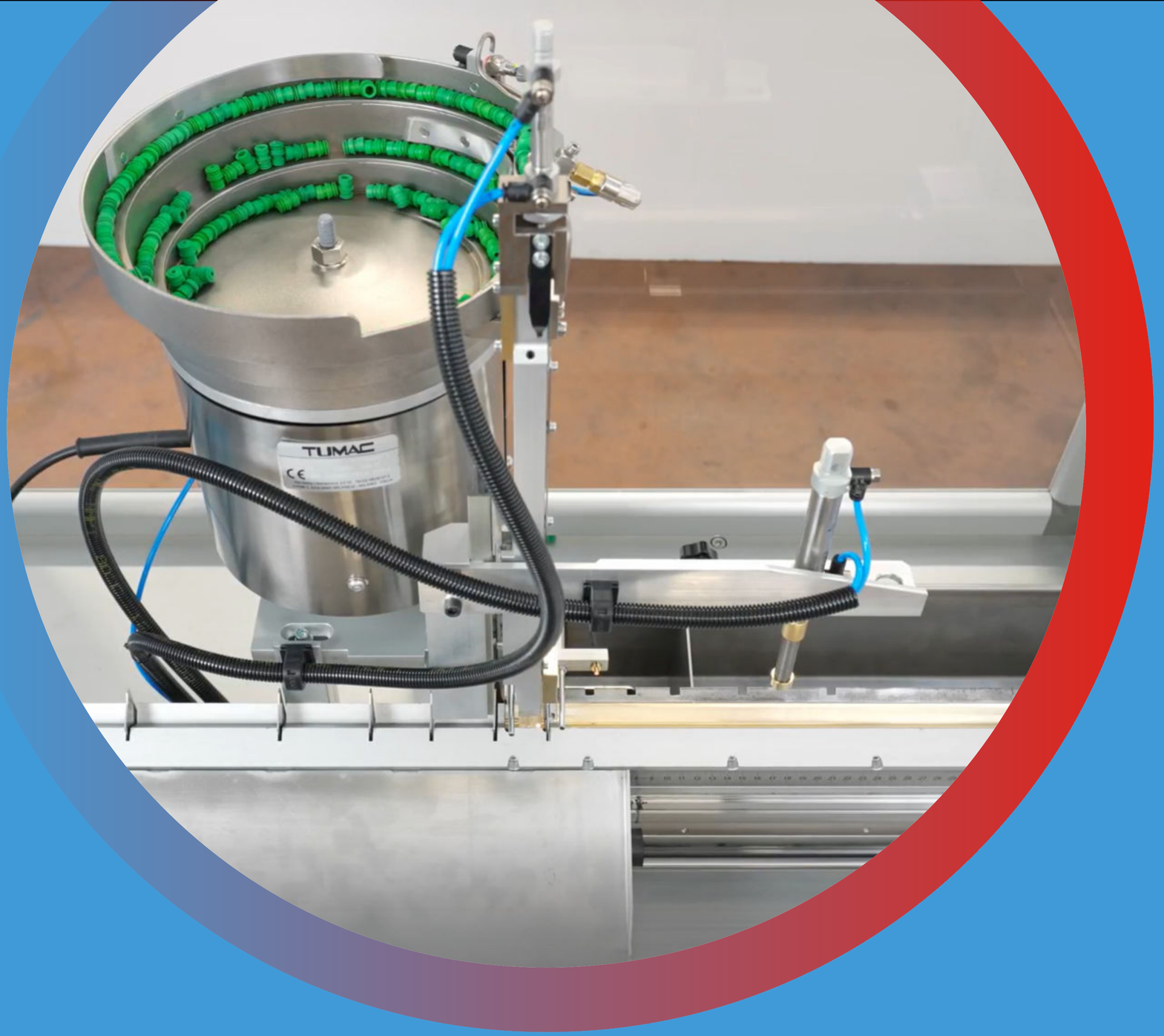
CSM MACHINERY

OAKLEY
INDUSTRIAL MACHINERY

Plug to Pin Assembly Machine

Electro-pneumatic unit that automatically assembles plastic plugs onto the bottom terminal pins.



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Machine composition

- **Automatic vibrating feeder for plastic plugs,** complete with a specific bowl for each plug type and a guide (track) that carries the plug to the assembly position.
- **Automatic feeder for bottom terminal pins.** All terminal pins must be placed in a suitable container with their points facing the same direction.
- **Electro-pneumatic device** that assembles the plugs onto the terminal pins and unloads them at the end of the cycle.

The unit automatically assembles the plastic plugs onto the bottom terminal pins of the filled tubes. It is best suited to production where the terminal pins are welded to the coils manually.
The machine is designed to run with minimal operator supervision. The operator is only required to reload the feeders or, if necessary, clear a jammed plug.

NOTE: No set-up is required when changing the length of the terminal pins, provided the plastic plugs remain in the same position relative 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	400 mm (16″)
Power supply	V to be defined
Pneumatic supply	6 bar (87 psi)

AVAILABLE VERSIONS

	Terminal pin length	Cycle time
Mod. 121/60.410000	45-400 mm (1.8-16″)	6 seconds

NOTE: The output of this unit depends on the quality of the plugs. Plugs must be completely free of burrs (otherwise they cannot be fed properly and will jam on the bowl tracks) and must be dimensionally consistent. Failure to meet these requirements will cause the machine to stop and require operator intervention, and the stated cycle times will not be achieved. For the same reason, terminal pins must be straight.

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 (.138-.177″)
Mod. 121/60.200050	Container-terminal pin feeder
Mod. 121/60.000050	Wear parts set