

ROTARY SYSTEM FOR APPLYING HANDLES

50SIA15000LSR

DEFINITION

Our system **50SIA15000LSR** carries out the insertion of handles (PE) on PET bottles from 1,5 to 3 litres. It is based in a rotary equipment with continuous movement and it is most appropriate to be installed on the existing conveyor and after the capping or labelling process. It prevents the problems which may occur in deposits, positioning or filling equipments etc... with bottles with incorporated handles, it produces as well an important economy since it is unnecessary to purchase bottles with handles.

Production: up to 15.500 u/h.

For further productions the following models are available: 50SIA10000R&P2-TL (up to 10.500 u/h), 50SIA5000LSR (up to 5.500 u/h), 50SIA5000R&P2-TL (up to 5.500 u/h), 50SIA3000R&P2-TL (up to 3.500 u/h), 50SIA2000LSA2-2 (up to 2.400 u/h) or 50SIA1000LSA1-1 (up to 1.200 u/h).

CHARACTERISTICS

- Insertion Unit:

- Bottle supply to insertion by plastic hinge conveyor, lateral conveyor (for pressure relief) worm gear and inlet/outlet star.
- Kit of 16 headstocks positioned over central star.
- Positioning of insertion headstocks by central star.
- Automatic synchronization with bottling line.
- Speed controlled by electronic regulator with start/stop ramp.
- Refusal units for bottles without handles and free roller conveyor.
- Control board (built in stainless steel) based on a PLC with keyboard touch display for parameters modification, data displaying (production), indicating reasons of stops (lack of bottles, handles, etc...). Warning lights to indicate the state of line at distance.
- Built in stainless steel with protective gates in PET, shock resistant and with safety elements according to norms.

- Handle supply unit:

- 2 reception hoppers and handle supply to vibrator.
- 2 vibration units to position handles.
- 2 handle conveyors to insertion unit with turning over device and handle orientation with artificial vision system.
- Built with 16 headstocks.

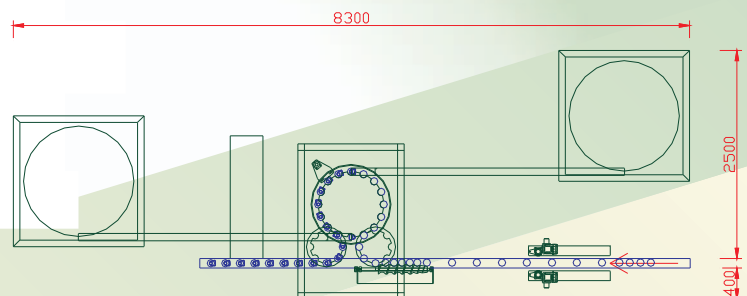
SPECIFICACIONES

- **Operation Voltage:** 220 Vac, 50/60 Hz.
- **Installed power:** 6 Kw..
- **Air consumption:** 2.000 NL/minute.



- **Pneumatic supply:** Filtered Air (6-8 Kg/cm²).
- **Dimensions:** Vid. La-out.
- **Weight:** 2.350 Kg.

LAY-OUT



OTHER EQUIPMENTS

- **Lineal, rotary etc leakage testers.**
- **Automatic packagers with thermosealing.**
- **Palletisers/depalletisers for empty bottles.**
- **Special bottle conveyors.**
- **End solutions for bottling lines.**
- **Weight-in-a-box testers.**

 **AND & OR**® S.A.   

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