

DATA SHEET

BOTTLE UNSCRAMBLER

Ref : 9489

Type : BOTTLE UNSCRAMBLER
Brand : COUNTEC
Model : UA-100
Serial N° :
Year : 2025
Quantity : 1
Overall dimensions : 3.20 x 1.20 x 1.90 M
Weight : 900 Kg



+ AIR CLEANER

Description:

Operational principle :

- Designed to arrange random containers in an upright position on outfeed conveyor after cleaned by ionized air with vacuum.
- Containers loaded in bulk hopper are supplied to the sorter via an elevator.
- Containers are aligned around the sorter outer disc and exit horizontally onto a linear conveyor.
- While a conveyor transfers the containers from the sorter to the aligning unit, containers are inverted and cleaned by ionized air with vacuum.
- And they are turned into an upright position for discharge.

- Fully adjustable orienting mechanism to handle a wide range of containers
- Capable of unscrambling plastic round, oval and rectangular bottles
- Omron PLC with Pro-Face touch screen control
- Dial gauges allow for ease and repeatability of changeovers
- Hopper level control with alarm and visual lamp
- Stainless steel/polycarbonates covers and guards
- Change part per container is not required
- Features 0.2 microns filter from compressed air supply
- Eliminate static that can cause dirt and debris to cling to containers
- Maintenance free vacuum generator
- Washable dust filter
- Complete with safety guards and door interlock.
- Mechanical rotary sorter with motorized paddle wheel at exit
- Stainless steel access/cleanout door on supply hopper
- No bottle/back up control sensor, stop machine and auto restart

Container :

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Description:

- Diameter : 25 to 100 mm
- Height : 40 to 180 mm

Speed : Up to 100 bottles per minute

Construction: AISI 304 stainless steel meets GMP regulations

Bulk hopper capacity : Approx. 200 Litres

Disc sorter diameter : 800 mm

Specifications :

- Machine dimension : 2 700 (L) x 1 340 (W) x 1 900 (H) mm
 - Electricity supply 220V, 1 phase, 50/60 Hz
 - Compressed air 6 kg/cm²
 - Air consumption 600 litres per minute
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+ AIR CLEANER



Video link

<https://www.youtube.com/embed/I8UEQuWLpUM>

