

DATA SHEET

CAPPER

Ref : 1177

Type : CAPPER
Brand : COUNTEC
Model : ICS-60
Serial N° :
Year : 2024
Quantity : 1
Overall dimensions : 3.20 x 1.50 x 2.10 M
Weight : 900 Kg



Description:

Operational principle:

Bottles are transferred from the conveyor by gate to the bottle positioning grippers. There are 4 bottle positioning grippers, left 2 are infeed grippers and right 2 are outfeed grippers. Infeed grippers are transferred bottle to the capping station. At the same time, cap is ready for capping. These caps are sorted and fed by vibratory feeder. Caps are aligned and fed to the chute escapement and be placed on the cap mould, it is transferred to the capping station by rotating arm. Capping station with 2 capping head is synchronized to pick up cap. At the same time, 2 set of bottle holder holds the bottle from two direction and capping head descends and effectively closing screw cap. Capped bottles are then moved by outfeed gripper to the conveyor. In addition, the bottle positioning grippers are transferred the infeed bottle and outfeed bottle together at the same time. Press caps are handled with optional change part. Fully interlocked safety guarding included.

Machine consists:

- Height adjustable cap chute
- Torque control by servo motor drive
- Capping position spring cushion
- Vibratory feeder with stainless steel bowl
- Torque can be adjusted with HMI setup
- No bottle sensor / Down stream delay sensor
- No cap / Misaligned cap detects and reject
- Capable to handle press on caps with change part
- Exchangeable spindle chuck for screw capping
- Automatic height setup for different bottle height
- Basic bottle positioning gripper and bottle gripper to handle up to 100mm diameter container
- Upto 140mm diameter containers are available with change part
- Low air / stop machine
- 3 color beacon lamp

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Description:

Container Diameter 25 to 135 mm
** This machine can handle up to bottle Ø155mm by machine modification with extra charge.
** The bottle sample checking is mandatory.
Height 40 to 200 mm
Cap Diameter 25 to 70 mm
Height 10 to 30 mm
** Any bottle / cap size out of above standard range has to be checked the samples by COUNTEC.
Speed Up to 60 bottles per minute
Construction AISI 304 stainless steel meets GMP regulations
Vibratory bowl capacity 70 Litres
Specification
Machine dimension 3 200 (L) x 1 500 (W) x 2 100 (H) mm
Weight 900 kg
Electricity supply 220V, 1 phase, 50/60 Hz
Compressed air 6 kg/cm²



Video link



<https://www.youtube.com/embed/OfL7KrxbvS4> title="YouTube video player"