



AUTOMATION MACHINERY MANUFACTURER

AUTOMATIC ROTARY SINGLE HEAD CAPPING MACHINE

CAPLINE ROT



Single head capping machine Capline ROT is rotary indexing capping machine that has been designed for **closing of various container types** (made of plastic, glass and metal) with **screw, press-on and pilfer proof caps**. The cap is automatically oriented and applied on the bottle neck.

Basic configuration

- Machine frame with height adjustable legs
- Stainless steel conveyor with adjustable guide rails and with delrin or stainless steel top slat band.
- Starwheel for transferring of the bottles to the capping position
- Sensor for the detection of the container presence in the starwheel
- Rotary cap orientator
- Caps chute with sensor for cap presence detection
- Pick and Place device
- Capping head with adjustable torque
- Sensor to detect that downstream conveyor is full
- Control panel with touch screen
- CE safety guards

Other options

- Caps elevator with hopper
- Format parts for second bottle or cap
- Sensor for detecting of caps presence on the bottle with or without rejector
- Automatic height adjustment of the capping head
- ATEX configuration
- Corrosive proof execution
- Remote access

Process description

- The containers are transferred to the star wheel by means of the infeed conveyor. The star wheel (indexing type) takes the containers and carries them to the closing area. The caps are transferred from the caps hopper by a belt elevator to the rotary orientator on the top of capping machine. Oriented caps pass through the cap chute to the Pick and Place device.
- The cap chute is equipped with sensor that detects the cap presence. When there is low level of caps in the caps chute the sensor starts the orientator. The cap is transferred from the chute to the capping head by Pick and Place device. The head puts the cap on the neck of the bottle and tightens it on requested capping torque. Closed bottles leave the machine on downstream conveyor.



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