



AUTOMATION MACHINERY MANUFACTURER

# AUTOMATIC ROTARY MULTIHEAD CAPPING MACHINE

## CAPLINE ROT



**Capline ROT multihead capping machine is continuous 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
- Infeed screw for bottle positioning
- Infeed and outfeed starwheel for transferring bottles to and from the capping position
- Sensor for the detection of the container presence in the starwheel
- Rotary Pick and Place device
- Caps chute with sensor for cap presence detection
- Rotary capping heads with adjustable torque (number of heads determines the machine speed)
- Sensor to detect that downstream conveyor is full
- Control panel with touch screen
- CE safety guards
- Motorized capping height adjustment

## Other options

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

## Process description

- The containers are transferred to the infeed star wheel by means of the infeed screw. The star wheel (continuous type) takes the containers and carries them to the closing area. The caps are transferred from the caps hopper by the 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 caps chute the sensor starts the orientator. The caps are transferred from the chute to the capping heads by rotary Pick and Place device. The capping head puts the cap on the neck of the bottle while moving and tighten it on requested capping torque. Closed bottles are transferred to the outfeed starwheel and leave the machine on downstream conveyor.



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