

AUTOMATIC CONTAINER CLOSURE SYSTEM

Multi Head ROPP Capping Machine

Rotary multi-head ROPP sealing for approved bottles with compatible aluminium ROPP caps and neck finish.



AI-generated conceptual image. Final construction, guarding and configuration follow the approved project scope.

Application

Approved bottle, neck and aluminium ROPP cap.

Handling

Infeed worm and star wheel with positive bottle support.

Controls

Turret, cap feed, head lift, bottle sensing and cap sensing.

Documented operating sequence

01**Bottle pitching**

The infeed worm spaces bottles and transfers them into star-wheel pockets.

02**Cap presentation**

An oriented aluminium cap is placed on the positively supported bottle.

03**Roll-on sealing**

Rotating heads apply top pressure and forming rollers to the approved neck finish.

04**Discharge**

The outfeed star wheel returns sealed bottles to the conveyor for the next operation.

Engineering and integration

Head count, forming-roller profile, cap feeder, inspection and reject integration are engineered from approved samples. Guides, star wheels, cap-handling parts and tooling are matched to the bottle and cap.

Supply within India. Engineering, delivery and support are coordinated from Ahmedabad. Final machine specifications follow the approved quotation, datasheet, general-arrangement drawing and project URS.

BOTTLE ROPP CONFIGURATION

Technical and supply scope

This sheet describes the bottle ROPP application. Model-specific numerical ratings are confirmed for the selected configuration; no universal numerical rating is stated here.

PARAMETER	PUBLISHED OR PROJECT DATA
Model and heads	The bottle ROPP model, head count and tooling are confirmed in the approved quotation.
Output	Bottle output is confirmed for the approved bottle, neck finish, cap, feeding method and operating conditions.
Closure acceptance	Torque, seal or closure acceptance criteria and the FAT method are defined after approved bottle-and-cap trials.
Electrical power	Voltage, phase, frequency and connected load are confirmed in the approved electrical load list.
Utilities	Electrical supply, compressed air, cap feeder and line-handshake requirements are listed for the selected configuration.
Dimensions and weight	Final L x W x H and conveyor height follow the approved GA drawing. Net and packed shipping weights follow the datasheet or packing list.
Approved formats	Bottle, neck and aluminium ROPP cap dimensions and the forming-roller arrangement require a bottle-specific configuration review.
Construction	GMP-oriented stainless-steel construction as defined in the approved scope. Closure-contact components, guides, star wheels and guarding are configured from approved samples.
Changeover and options	Settings, guides and format parts are matched to approved samples or drawings. Head count, roller profile, cap feeder, inspection and reject integration follow the selected scope.
Line integration	Standalone supply or integration with approved upstream and downstream machines.
Warranty	Order-specific. Duration, commencement, covered parts, exclusions and claim terms are stated in the approved quotation or order.
Installation and training	Order-specific. The quotation defines installation, commissioning, SAT and operator training, plus unloading, positioning, utilities, civil work, trial materials, travel and site responsibilities.

Machine details: hmparmamachines.com/products/multi-head-ropp-capping-machine.html