



AI-generated conceptual image; final configuration is project-specific.

AUTOMATIC CONTAINER CLOSURE SYSTEM

Single Head ROPP Capping Machine

For approved bottles with compatible aluminum ROPP caps and neck finish, with conveyor infeed with bottle support and cap placement.

Suitable for: Approved bottles with compatible aluminum ROPP caps and neck finish

Machinery supply within India only. Technical review, delivery and support are coordinated from Ahmedabad.

Operating Principle and Selection Basis

The cap is placed squarely on the bottle, supported below the head and rolled against the neck finish under controlled top pressure.

Control System: Bottle detection, cap presence, head lift and drive controls

Optional Scope: Cap feeder, neck support, head design, cap-size formats and rejection are engineered from samples.

Project basis: Final specifications are governed by the approved quotation, machine datasheet, GA drawing and project URS. Published references and configuration/order qualifiers are retained. Illustrated equipment is not a guarantee of the supplied configuration.

Published Technical Specifications

Source: the product page included in this release. Published references are selection aids; the approved quotation and machine datasheet govern the supplied configuration.

Machine, Process and Integration Data

PARAMETER	PUBLISHED / PROJECT DATA
Suitable For	Approved bottles with compatible aluminum ROPP caps and neck finish
Working Principle	The cap is placed squarely on the bottle, supported below the head and rolled against the neck finish under controlled top pressure.
Infeed / Handling	Conveyor infeed with bottle support and cap placement
Outfeed / Transfer	Sealed containers discharge for inspection and labeling
Machine Construction	GMP-oriented stainless-steel construction as defined in the approved scope
Contact Materials	Closure-contact components, guides, star wheels and guarding are configured from approved bottle and cap samples.
Control System	Bottle detection, cap presence, head lift and drive controls
Changeover	Settings, guides and format parts matched to approved samples or drawings
Optional Scope	Cap feeder, neck support, head design, cap-size formats and rejection are engineered from samples.
Line Integration	Standalone supply or integration with approved upstream and downstream machines

Core Technical and Commercial Data

PARAMETER	PUBLISHED / PROJECT DATA
Model / Series	Configuration-specific. The model code is assigned in the approved quotation after the product, pack, process and automation scope are fixed.
Output / Throughput	Configuration-specific. The rated output in containers per minute is confirmed from the approved bottle, closure and cap-feeding method.
Accuracy / Acceptance Criterion	Configuration-specific. Torque, seal or closure acceptance criteria and the FAT method are defined after approved bottle-and-cap trials.
Electrical Power	Configuration-specific. Voltage, phase, frequency and maximum connected load are stated in the approved electrical load list.
Utilities	Configuration-specific. Electrical supply, compressed air, cap feeder and line-handshake requirements are listed for the selected configuration.
Overall Dimensions (L × W × H)	Overall dimensions are model- and configuration-specific. Final L × W × H is confirmed in the customer-approved GA drawing based on capacity, output, process requirements and site layout before order execution.
Net / Shipping Weight	Configuration-specific. Net and packed shipping weights are stated in the approved datasheet or packing list.
Capacity / Format Range	Configuration-specific. Bottle, neck and closure type, diameter and height ranges are confirmed from approved samples.
Warranty	Order-specific. Duration, commencement date, covered parts, exclusions and claim terms are stated in the approved quotation or order.
Installation / Commissioning Scope	Order-specific. The quotation states whether installation, commissioning, SAT and operator training are included, together with unloading, positioning, utilities, civil work, trial materials, travel and site responsibilities.