



Published product image; final configuration is project-specific.

AUTOMATIC CONTAINER CLOSURE SYSTEM

Single Head Screw Capping Machine

For approved bottles or jars with compatible pre-threaded screw caps, with conveyor infeed with bottle spacing and cap presentation.

Suitable for: Approved bottles or jars with compatible pre-threaded screw caps

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

Operating Principle and Selection Basis

A cap is presented on the bottle, the container is held stable and a single chuck or tightening head rotates the cap to the approved setting.

Control System: Bottle sensing, cap presence, head motion and torque or clutch setting according to configuration

Optional Scope: Cap elevator or bowl, pick-and-place arrangement, torque control and reject inspection are optional.

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 or jars with compatible pre-threaded screw caps
Working Principle	A cap is presented on the bottle, the container is held stable and a single chuck or tightening head rotates the cap to the approved setting.
Infeed / Handling	Conveyor infeed with bottle spacing and cap presentation
Outfeed / Transfer	Capped containers release to labeling or inspection
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 sensing, cap presence, head motion and torque or clutch setting according to configuration
Changeover	Settings, guides and format parts matched to approved samples or drawings
Optional Scope	Cap elevator or bowl, pick-and-place arrangement, torque control and reject inspection are optional.
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	Published reference. Up to 50 bottles per minute.
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	Published reference. 230 V, single-phase, 50 Hz.
Utilities	Configuration-specific. Electrical supply, compressed air, cap feeder and line-handshake requirements are listed for the selected configuration.
Overall Dimensions (L × W × H)	Published reference. 1200 × 800 × 2000 mm (L × W × H); conveyor height adjustable from 800 to 900 mm.
Net / Shipping Weight	Published reference. Approximately 300 kg net / 500 kg gross.
Capacity / Format Range	Published reference. Screw caps 22-52 mm diameter; bottles 22-80 mm diameter and 55-200 mm height.
Warranty	Published reference. Manufacturing defects in stainless-steel components are covered; normal wear-and-tear parts, consumables and electrical components are excluded. The quotation does not state a warranty duration.
Installation / Commissioning Scope	Published reference. Pre-dispatch operational and maintenance training plus installation at buyer works; buyer arranges food and local transportation for the H M Pharma Machines engineer.