



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

AUTOMATIC LINEAR SCREW CAPPING SYSTEM

Automatic Linear Single Head Servo Torque Capping Machine

This automatic single-head machine handles approved 500 mL-5 L bottles and 22-50 mm screw caps and uses a 750 W Delta servo motor in torque mode with HMI torque adjustment.

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

Operating Principle and Selection Basis

The left-to-right conveyor carries approved bottles through a four-stage automatic screw-capping cycle. Approved bottles enter on the 150 mm wide conveyor. The approved screw cap is automatically picked up and placed on the bottle. The single Delta servo-driven head tightens the cap to the HMI-adjusted torque setting. The capped bottle leaves the capping station on the left-to-right conveyor.

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.

Core Technical and Commercial Data

PARAMETER	PUBLISHED / PROJECT DATA
Model / Series	Configuration-specific. Automatic linear single-head servo-torque configuration; the order-specific model code is stated in the approved quotation.
Output / Throughput	Published reference. Up to 24 bottles per minute, depending on the approved bottle and cap.
Accuracy / Acceptance Criterion	Configuration-specific. Torque setpoint is recipe/HMI controlled; guaranteed torque tolerance and closure acceptance are confirmed after approved bottle-and-cap trials.
Electrical Power	Published reference. 440 V AC, three-phase, 50 Hz; approximately 4 kW connected load.
Utilities	Published reference. Compressed air: 8 CFM at 6 bar; cap-feeding and line-handshake requirements are configuration-specific.
Overall Dimensions (L × W × H)	Published reference. Approximately 3648 × 800 × 2000 mm (L × W × H).
Net / Shipping Weight	Published reference. Approximately 300 kg net / 500 kg gross.
Capacity / Format Range	Published reference. Approved 500 mL-5 L bottles and 22-50 mm caps.
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.