

PRODUCT SELECTION DOCUMENT

Pick-and-Place Capping Machine Family Engineering Datasheet

For overseas buyers, plant engineers and project teams evaluating a standalone machine or an integrated filling, capping and labeling line.

Manufacturer	Guangdong New Zhen Xiang Smart Equipment Co., Ltd. (ZXSMART)	Founded	1998
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Configuration range

Published values are configuration references from ZXSMART product parameter records. Final values depend on the actual product, container, closure, label, target output and factory utilities.

Single-Head Pick-and-Place Capping Machine

Capping Heads	1 servo tightening head	Typical Speed	20-25 bottles/min
Torque Range	0.5-8 N·m	Bottle Size	25-200 mm / H50-250 mm
Cap Size	20-100 mm / H8-35 mm	Cap Types	Threaded plastic and tamper-evident caps
Cap Feeding	Elevator sorter or vibratory bowl by sample	Utilities	220 V / 1.2 kW / 0.6-0.8 MPa

Four-Head Pick-and-Place Capping Machine

Capping Heads	4 pneumatic heads	Typical Speed	50-60 bottles/min
Bottle Size	30-200 mm / H100-300 mm	Cap Diameter	22-110 mm
Cap Type	Suitable flat round caps	Cap Separation	Servo-driven cap hooking and separation
Cap Feeding	Elevator sorter; cap loader optional	Utilities	380 V / 3.5 kW / 0.6-0.8 MPa

Information required for final selection

Product	Name, viscosity or flow behavior, temperature, foaming tendency and corrosiveness	Container	Bottle or jar photos or drawings, dimensions, material and neck finish
Closure / label	Cap or pump details, torque requirement, label drawing, roll direction and coding content	Output	Target bottles per minute, filling volume range, shift pattern and upstream/downstream equipment

Factory	Power supply, compressed-air conditions, available footprint and preferred line direction	Acceptance	Physical test items if required, speed target, inspection points and handover documents
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Factory acceptance and handover

ZXSMART can run the agreed physical test items before shipment when required. The acceptance scope should record the test material, operating settings, speed basis, changeover method, cleaning method and agreed inspection points. Remote review is available before dispatch.

Confirmed service support

Warranty	1 year	Online response	Within 2 hours
Remote commissioning	Available	Overseas installation	Available; engineer visa and travel are covered by ZXSMART
Project spare-parts list	Prepared for the approved configuration; recommended quantities confirmed before shipment	Documentation package	English manual and applicable electrical / pneumatic documents prepared for the approved configuration
PLC backup	Provided	Training	Operation training provided
Lifecycle parts	Continued supply available		