

PRODUCT SELECTION DOCUMENT

Star Wheel Round Bottle Labeling Machine 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.

Star Wheel Round Bottle Labeling Machine

Bottle Diameter	28-130 mm	Bottle Height	50-300 mm
Speed	40-100 bottles/min	Accuracy	+/- 1 mm
Suitable Containers	Round plastic, glass or metal bottles	Label Length	15-300 mm, customizable
Label Width	20-150 mm, customizable	Labeling Method	Full-wrap, half-wrap or positioning labeling
Star Wheel Stations	8-12, depending on configuration	Label Material	Self-adhesive paper, PVC or PET
Roll Core Inner Diameter	76 mm (3 in)	Maximum Roll Outer Diameter	300-380 mm
Power Supply	AC 220 V, 50 Hz or AC 380 V, 50 Hz	Machine Power	1.5-2.5 kW
Air Pressure	0.6-0.8 MPa	Dimensions	Approx. 2000 x 1300 x 1700 mm
Weight	Approx. 350 kg	Customization	Star wheel and bottle range can be customized

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

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
Common spare parts	Normally dispatched within 7 days	Documentation	English manual, electrical diagram and pneumatic diagram provided
PLC backup	Provided	Training	Operation training provided
Lifecycle parts	Continued supply available		