

PRODUCT SELECTION DOCUMENT

Rotor Pump Filling 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.

Single-Head Rotor Pump Filling Machine

Filling Range	50-5000 mL	Filling Heads	1
Speed	10-20 Bottles/Min	Accuracy	±1%
Method	Rotor pump filling	Viscosity Range	100-30000 cP
Volume Adjustment	Adjustable within the configured range	Customization	Available
Suitable Products	Paste, sauce, lotion and viscous liquids	Output	10-20 Bottles/Min
Contact Parts	SUS304 / SUS316L stainless steel	Voltage	AC 220V / 380V, 50Hz
Power	Approx. 1.5 kW	Size	800 × 1100 × 1700 mm
Customization	Yes		

Double-Head Rotor Pump Filling Machine

Filling Range	100-5000 mL	Filling Heads	2
Speed	20-40 Bottles/Min	Accuracy	±1%
Method	Rotor pump filling	Viscosity Range	100-30000 cP
Volume Adjustment	Adjustable within the configured range	Customization	Available
Suitable Products	Paste, sauce, lotion and viscous liquids	Output	20-40 Bottles/Min
Contact Parts	SUS304 / SUS316L stainless steel	Voltage	AC 220V / 380V, 50Hz
Power	2-3 kW	Size	1200 × 1100 × 1700 mm
Customization	Yes		

6-Head Tracking Rotor Pump Filling Machine

Filling Range	100-1000 mL	Filling Heads	6
Speed	60-120 Bottles/Min	Accuracy	±1%
Method	Tracking rotor pump filling	Viscosity Range	100-30000 cP
Continuous Tracking	Yes	Customization	Available
Suitable Products	Paste, sauce, lotion and viscous liquids	Capacity	100-1000 mL; customizable
Output	60-120 Bottles/Min	Contact Parts	SUS304 / SUS316L stainless steel
Voltage	AC 220V / 380V, 50Hz	Power	10-12 kW
Size	2400 × 1500 × 2200 mm	Customization	Yes

Information required for final selection

Product	Name, viscosity or flow behavior, temperature, foaming tendency and corrosiveness	Container	Bottle or jar drawings, dimensions, material, neck finish and sample quantity
Closure / label	Cap or pump sample, 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	Agreed test product, speed target, inspection points and handover documents

Factory acceptance and handover

ZXSMART can run the agreed bottle, cap, label and product samples before shipment. 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		