

Automatic Viscous Liquid Filling Line

This automatic filling line is designed for corn oil and other viscous liquids. It features a multi-head filling system, precise volume control, and integrated capping and labeling modules.



Overview

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This automatic filling line is engineered for high-efficiency, quantitative filling of various bottled liquids, including lubricating and cooking oils. It features a robust multi-head system capable of handling both viscous and non-viscous fluids with high precision. Designed for medium to large-scale operations, the system integrates PLC control and touch-screen interfaces to streamline production, improve filling accuracy, and ensure hygienic, reliable performance.

Technical Specifications

Filling Speed

1200 b/h

Minimum Speed

2400 b/h

Maximum Speed

Filling Head Count	12
Filling Accuracy	$\pm d 0.3\%FS$
Power Supply	220/380V
Operating Pressure	1 Mpa
Model Number	ZLDG-12

Features

System Capabilities

- PLC program control with inverter speed adjustment
- High-precision positive displacement flowmeters
- Double anti-drip mechanism (mechanical seals plus vacuum suck back)
- Touch-screen man-machine interface
- Auto-sensing sealer
- 11-meter frequency belt

Suitable Applications	Lubricating Oil, Cooking Oil, Viscous Liquids, Non-viscous Liquids, Bottled Liquids (1-6L)
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