

5-Gallon Barrel Liquid Filling Machine

This machine efficiently fills 5-gallon barrels with liquids. It features automated barrel loading/unloading, a multi-stage cleaning and filling process, and a programmable logic controller (PLC) for operation.



ADDITIONAL IMAGES



Product Overview

Integrated Filling Solution

This automated filling line is specifically engineered for 5-gallon barreled drinking water production. It seamlessly integrates bottle washing, filling, and sealing into a single, cohesive unit. By combining mechanical, electrical, and pneumatic technologies, the system ensures a fully automated workflow from barrel feeding to final discharge, maintaining high standards of hygiene and efficiency.

Performance & Capacity

Available Throughput Models

- 100
- 200
- 300
- 450
- 600
- 900
- 1200

Throughput Unit

barrels/hour

Technical Features

Key Technologies

Mechanical • Electrical • Pneumatic

Automated Functions

Barrel Feeding, Washing, Sterilizing, Filling, Capping, Counting, Discharging

Hygiene & Safety

Sterilization Features

- Multi-stage liquid washing
- Bleaching agent integration
- Recirculating washing solution
- Water spraying device for cap sterilization

Construction Material	Stainless Steel
Safety Equipment	Emergency Stop, Protective Enclosures

Operational Details

Control System	Programmable Logic Controller (PLC)
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