

5-Gallon Water Bottle Filling Machine

This machine automatically washes, fills, and caps standard 5-gallon water bottles. Its automated system ensures efficient and hygienic filling for large-scale water production.



ADDITIONAL IMAGES



Overview



High-Efficiency 5-Gallon Water Bottling Solution

The QGF series is a fully integrated automatic production line designed specifically for washing, filling, and capping 5-gallon water barrels. It is an ideal solution for producing mineral, distilled, and purified water, featuring a compact structure and high automation technology. Constructed from premium stainless steel, the system ensures excellent corrosion resistance and easy maintenance for long-term industrial use.

Key Performance Metrics

Motor Power Specifications

0.75 kw

Brush Speed Motor

0.75 kw

Dial Wheel Motor

0.37 kw

Washing Pump

Technical Features



System Components

- Pneumatic air move parts
- AC electrical control products
- Programmable Logic Control (PLC) system
- Waterproof frame in rotor axe
- Special technology inner and outer shower nozzles

Material & Construction



Construction Material

Stainless Steel 304, Stainless Steel 316, Corrosion Resistant

Conveyor Type

Stainless steel 304/316 chain conveyor

Operational Process



Washing Cycle

Thumb wheel driven revolution with synchronized water and cleaning lotion spraying

Water Usage

Integrated collection system for circle return usage

Safety & Compliance

Safety Systems

Emergency Stop • Enclosed Filling Area • Hygienic Design