

Automatic PET Bottle Water Filling Machine

This automatic PET bottle water filling machine integrates rinsing, filling, and capping into one unit. It features a rotary design with multiple filling heads, stainless steel construction, and a PLC for automated operation.



ADDITIONAL IMAGES



Overview

High-Efficiency Bottling Solution

This advanced three-in-one rotary machine integrates bottle washing, filling, and capping into a single, automated system designed for drinking water production. Utilizing gravity filling technology and bottleneck positioning, it ensures precise liquid levels and high-speed throughput while maintaining strict sanitary standards. Built with durable stainless steel components and PLC-controlled automation, this system offers reliable performance and easy maintenance for professional beverage manufacturing lines.

Technical Specifications

Washing Capacity

105 ml/s

Washing Volume per Bottle

Compliance & Standards

CE • ISO 9001 • SGS • TUV • COC

Materials & Build

Stainless Steel (SUS304), Carbon Steel Frame, Nylon Gears, Steel Gears

System Features

Automation Features

- PLC-based automatic control
- Fault on-line display (bottle block, cap shortage)
- Automatic lubrication system
- Step-less frequency conversion timing
- Automatic cap inspection and conveyor control

Safety & Protection

- Main motor overload protection
- Anti-reverse cap drive plate
- Photoelectric switch for cap detection
- Sanitary circulating pipeline