

Automatic 3-10L Bottle Washing Filling Capping Machine

This machine integrates washing, filling, and capping into one process for non-carbonated drinks like mineral and purified water. It is suitable for bottles ranging from 3L to 10L, with filling speeds from 100 to 4000 bottles per hour.



ADDITIONAL IMAGES



Overview

High-Efficiency 3-10L Bottling Solution

This automated system integrates washing, filling, and capping processes into a single streamlined machine, specifically designed for large-format bottles ranging from 3L to 10L. It is an ideal solution for the production of non-carbonated beverages such as mineral and purified water. With a flexible output range and advanced gravity filling technology, it ensures steady and accurate performance for high-volume beverage manufacturers.

Performance Metrics

Key Performance Metrics

4000 BPH

Max Output

10 L

Max Bottle Size

0.6 Mpa

Gas Pressure

Technical Specifications

Production Output	100 BPH - 4000 BPH
Applicable Bottle Volume	3L to 10L
Power Supply	AC220V/380V±5% 50HZ/60HZ
Operating Gas Pressure	0.5–0.6 Mpa

Key Features

Core Functionalities

- Integrated washing, filling, and capping stations
- Suspending bottle-neck clamping for high-speed stability
- Advanced gravity filling technology for accuracy
- Magnetic torque screw capping with stepless adjustment
- PLC program control with touch-screen HMI
- Stainless steel bottle grabs with interior wash nozzles

Material & Build

Material Quality

High quality stainless steel for all water-contact parts

Electrical Components

Mitsubishi, Omron, PLC Controlled, Touch-Screen HMI

Available Models

Series Models

Model Series

JND 1-1-1

JND 2-2-1

JND 3-3-1

JND 4-4-1

JND 5-5-1

JND 9-9-4

JND 12-12-4

JND 16-16-5

JND 20-20-5