

Carbonated Beverage Bottling Line

This 3-in-1 machine integrates rinsing, filling, and capping for carbonated beverages in PET bottles. It ensures efficient, hygienic production with precise filling and secure sealing.



Overview

Integrated Beverage Bottling Solution

This 3-in-1 automatic filling machine integrates bottle washing, filling, and capping into a single, compact unit. Designed specifically for carbonated beverages, this system significantly reduces space requirements and minimizes air pollution between processing stages. It features a user-friendly design that allows for quick bottle size changes without height adjustments, ensuring high operational efficiency for beverage production lines.

Performance

Capacity Range

3000 BPH
Minimum Capacity

18000 BPH
Maximum Capacity

Filling Precision	$d \pm 0.1\text{mm}$
Filling Pressure	0.15-0.35 Mpa

Technical Specifications

Bottle Compatibility

Specification	Value
Material	PET
Shape	Round or Square
Diameter	Æ50-Æ110
Height	150-340mm

Supported Caps	PE screw cap
----------------	--------------

Construction & Design

Material

Stainless Steel

Design Features

- Integrated rinsing, filling, and capping
- Suspensory transmission gear for easy maintenance
- Frequency changer motor control
- Output number indication function
- Tool-free bottle shape changeover