

Automatic Carbonated Beverage Bottling Line

This automatic bottling line is designed for high-speed and efficient bottling of carbonated beverages. It integrates rinsing, filling, and capping functions into a single machine, ensuring hygienic and precise operation.



Overview

High-Efficiency Carbonated Beverage Bottling

This 3-in-1 automatic bottling line integrates bottle washing, filling, and capping into a single compact unit, significantly reducing space requirements and environmental contamination. Designed for carbonated drinks in plastic bottles, the system features a durable stainless steel construction that ensures hygienic operation and easy maintenance. With advanced frequency control for the main motor and adjustable output monitoring, this solution offers a versatile and reliable choice for high-speed beverage production.

Performance Metrics

Production Capacity

5000 BPH

DCGF18-18-6 Capacity

8000 BPH

DCGF24-24-8 Capacity

12000 BPH

DCGF32-32-10 Capacity

16000 BPH

DCGF40-40-12 Capacity

Technical Specifications

Model Comparison Table

Model	Filling Vol (L)	Weight (kg)
DCGF18-18-6	3.5	3500
DCGF24-24-8	4	4500
DCGF32-32-10	6	5500
DCGF40-40-12	8	6500

Bottle Compatibility Round Bottles, Square Bottles, PET Material

Bottle Size Range Diameter: 50-110mm, Height: 150-340mm

Operational Details

System Pressures

- Filling Pressure: 0.15-0.35 Mpa
- Rinsing Pressure: 0.2-0.25 Mpa

Filling Precision $\pm 5\text{mm}$

Compatible Caps PE screw cap