

Carbonated Beverage Bottling Line

This automatic soft drink filling plant integrates bottle washing, filling, and capping into a single automated system. Its advanced technology ensures accurate filling levels and minimizes product waste, making it ideal for beverage manufacturers seeking to optimize their production line.



Overview

Integrated Beverage Bottling Solution

This 3-in-1 automatic bottling line streamlines carbonated beverage production by combining bottle washing, filling, and capping into a single, compact system. Designed for efficiency, it reduces space requirements and minimizes contamination risks between process stages. The equipment features durable stainless steel construction for hygiene and easy maintenance, while offering flexible production capabilities for various bottle sizes.

Key Features

System Highlights

- 3-in-1 integrated design (washing, filling, capping)
- Stainless steel construction for hygiene and durability
- Frequency changer motor control with output monitoring
- Easy bottle format changeover without height adjustment
- Suspensory transmission gear for simplified maintenance

Performance Metrics

Production Capacity

3000 BPH
Minimum Capacity

18000 BPH
Maximum Capacity

Compatibility

Bottle Compatibility	Round bottles, Square bottles, PET material
Bottle Dimensions	Diameter: $\text{AE}50\text{-AE}110$ Height: 150-340mm

Technical Specifications

Technical Parameters by Model

Model	Capacity (500ml)	Filling Volume (L)	Weight (kg)
DCGF18-18-6	5000	3.5	3500
DCGF24-24-8	8000	4	4500
DCGF32-32-10	12000	6	5500
DCGF40-40-12	16000	8	6500

Operating Pressures

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

Filling Precision

d±5mm