

PET Bottle Carbonated Water Filling Line

This automatic line is designed for filling PET bottles with carbonated water. The integrated system incorporates rinsing, filling, and capping stations.



Overview

Integrated Beverage Filling Solution

This 3-in-1 automatic filling machine combines bottle washing, filling, and capping into a single, space-saving unit. Designed specifically for carbonated beverages in PET bottles, it features a unique suspensory transmission gear for easy maintenance and stainless steel construction for optimal hygiene. The system utilizes frequency control for the main motor and offers high flexibility, allowing for quick bottle changeovers without height adjustments.

Performance Metrics

Production Capacity

3000 BPH

Minimum Capacity

18000 BPH

Maximum Capacity

Technical Specifications

Bottle Dimensions

- Diameter: 50-110mm
- Height: 150-340mm

Operating Pressures

Parameter	Pressure Range
Filling Pressure	0.15-0.35 Mpa
Rinsing Pressure	0.2-0.25 Mpa

Compatible Bottle Specs

Round, Square, PET Material

Filling Precision

$\pm 5\text{mm}$

Cap Type

PE screw cap

Model Comparison

Model Specifications

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