

Carbonated Drink Filling Machine for PET Bottles

This soft drink filling machine is designed for high-speed filling of carbonated beverages in PET bottles. It utilizes balanced pressure filling technology for consistent and efficient operation.



ADDITIONAL IMAGES



Overview

High-Efficiency Carbonated Beverage Solution

This industrial filling machine is engineered for high-speed, reliable production of carbonated soft drinks in PET bottles. It integrates washing, filling, and capping processes into a single, automated system utilizing balanced pressure filling technology for superior precision. Designed for ease of operation and maintenance, the system features PLC control and advanced magnetic torque capping to ensure consistent quality and output across various bottle sizes.

Technical Specifications

Filling Precision	5 mm
Filling Pressure	0.4 MPa
Washing Water Pressure	0.18-0.25 MPa
Compatible Bottle Types	PET Bottles, Plastic Screw Cap

Performance Metrics

Capacity by Model

Model	Capacity (BPH)
DGCF8-8-3	3000
DGCF12-12-4	2000-4000
DGCF18-18-6	4000-6000
DGCF24-24-8	6000-8000
DGCF32-32-10	8000-12000

Key Features

Automation & Control

- Integrated washing, filling, and capping
- PLC control with touch-screen interface
- Automatic stop on bottle absence/damage
- Magnetic torque capping with adjustable power
- Automatic cap sorting and feeding with alarm