

Carbonated Beverage Filling Machine

This automatic machine is designed for high-speed and precise filling of carbonated drinks into bottles. It features a stainless steel construction and a rotary filling system to maximize throughput.



Product Overview

3-in-1 Carbonated Beverage Filling Solution

This automatic 3-in-1 filling machine integrates bottle washing, filling, and capping into a single, space-saving unit. Designed specifically for carbonated beverages in plastic bottles, it utilizes a suspensory transmission gear system for easy maintenance and stainless steel construction for superior hygiene. With adjustable settings for different bottle shapes and sizes, it offers a versatile solution for high-capacity beverage production lines.

Performance Metrics

Production Capacity (500ml)

5000 BPH

DCGF18-18-6

8000 BPH

DCGF24-24-8

12000 BPH

DCGF32-32-10

16000 BPH

DCGF40-40-12

Technical Specifications

Operating Pressures

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

Machine Model Comparison

Model	Filling Volume (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, Square, PET
Bottle Dimensions	Diameter: $\text{Æ}50\text{-}\text{Æ}110$ Height: 150-340mm
Filling Precision	$\text{d}\pm 5\text{m}$

Key Features

Operational Advantages

- Combined washing, filling, and capping unit saves space and reduces air pollution
- Easy bottle shape changeover by replacing thumb wheel without height adjustment
- Suspensory transmission gear design simplifies maintenance and repair
- Stainless steel construction ensures durability and easy cleaning
- Frequency changer control with output quantity display