

Automatic Soda Filling Machine (0.3-2.5L)

This automatic soda filling machine is designed for filling bottles ranging from 0.3 to 2.5 liters. The machine automates the process of filling bottles with soda, ensuring consistent fill levels and high production rates.



Overview

3-in-1 Automatic Beverage Filling System

This high-efficiency filling system integrates bottle washing, filling, and capping into a single, compact unit to optimize space and minimize air pollution. Designed for carbonated beverages, it supports plastic bottles ranging from 0.3L to 2.5L and offers flexible production capacities. The system features stainless steel construction for hygiene and easy maintenance, with intuitive frequency control for precise output management.

Performance Metrics

Production Capacity

5000 BPH

Min Capacity

16000 BPH

Max Capacity

Technical Specifications

Bottle Compatibility

- Round or square PET bottles
- Diameter: 50-110mm
- Height: 150-340mm
- Cap type: PE screw cap

Operating Pressures

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

Model Comparison

| Model | Capacity (500ml) | 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 |

Available Models

DCGF18-18-6, DCGF24-24-8, DCGF32-32-10, DCGF40-40-12

Filling Precision

$d \pm 5\text{mm}$

Design Features

Materials

Stainless Steel • Food-Grade Contact Parts

Key Features

- 3-in-1 integrated washing, filling, and capping
- Frequency changer motor control
- Output number indication
- Suspensory transmission gear for easy maintenance
- Tool-free bottle shape adjustment