

# Carbonated Drink Rotary Filling Machine

Automatic rotary filling machine designed for carbonated soft drinks. This equipment features a stainless steel construction, multiple filling heads for high-speed production, and precise control systems to ensure consistent fill levels.



## Product Overview

### High-Efficiency 3-in-1 Carbonated Filling Solution

This automated rotary system combines bottle washing, filling, and capping into a single compact unit, significantly reducing power consumption and optimizing floor space. Designed specifically for carbonated beverages in PET bottles, the equipment offers high-speed processing with easy changeover for various container shapes. Featuring robust stainless steel construction, it ensures hygienic operation and simplified maintenance through a suspensory transmission gear design.

## Key Metrics

### Production Capacity

**3000 BPH**

Minimum Capacity

**18000 BPH**

Maximum Capacity

**5 mm**

Filling Precision

## Technical Specifications

### Technical Data Table

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

### System Pressures

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

## Compatibility

### Supported Containers

- PET Bottles
- Round bottle shape
- Square bottle shape
- Bottle Diameter:  $\varnothing 50$ - $\varnothing 110$
- Bottle Height: 150-340mm

## Design Features

### Core Advantages

- 3-in-1 integrated washing, filling, and capping
- Stainless steel contact parts for easy cleaning
- Frequency changer motor control
- Tool-free bottle size changeover
- Suspensory transmission gear for easier maintenance