

# PET Bottle Carbonated Beverage Filling Machine

This automatic filling equipment is designed for filling carbonated beverages into PET bottles. The machinery features stainless steel construction, enclosed filling stations with transparent panels for visibility, and integrated conveyor systems for bottle handling.



## Overview

### High-Efficiency Carbonated Beverage Filling Solution

This 3-in-1 automatic filling machine integrates bottle washing, filling, and capping into a single, compact unit to optimize space and minimize air pollution. Designed for carbonated drinks in PET bottles, it features stainless steel construction for durability and hygiene, with easy maintenance via a suspensory transmission gear system. The machine offers flexible production capabilities with capacities ranging from 3,000 to 18,000 BPH and allows for quick bottle shape changes without height adjustments.

## Technical Specifications

### Bottle Dimensions

- Diameter:  $\varnothing 50\text{-}\varnothing 110$
- Height: 150-340mm

Filling Precision	$d \pm 5\text{m}$
Filling Pressure	0.15-0.35 Mpa
Rinsing Pressure	0.2-0.25 Mpa
Compatible Caps	PE screw cap
Bottle Compatibility	Round, Square, PET

## Performance Models

### Model Comparison Table

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

### Maximum Production Capacity

**18000 BPH**

Max Capacity