

# 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