

# PET Bottle Carbonated Water Filling Line

This automatic line is designed for filling PET bottles with carbonated water. The integrated system incorporates rinsing, filling, and capping stations.



## Overview

### Integrated Beverage Filling Solution

This 3-in-1 automatic filling machine combines bottle washing, filling, and capping into a single, space-saving unit. Designed specifically for carbonated beverages in PET bottles, it features a unique suspensory transmission gear for easy maintenance and stainless steel construction for optimal hygiene. The system utilizes frequency control for the main motor and offers high flexibility, allowing for quick bottle changeovers without height adjustments.

## Performance Metrics

### Production Capacity

**3000 BPH**

Minimum Capacity

**18000 BPH**

Maximum Capacity

## Technical Specifications

### Bottle Dimensions

- Diameter: 50-110mm
- Height: 150-340mm

### Operating Pressures

Parameter	Pressure Range
Filling Pressure	0.15-0.35 Mpa
Rinsing Pressure	0.2-0.25 Mpa

### Compatible Bottle Specs

Round, Square, PET Material

### Filling Precision

$\pm 5\text{mm}$

### Cap Type

PE screw cap

## Model Comparison

### Model Specifications

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