

# Carbonated Beverage Bottling Line

This automatic soft drink filling plant integrates bottle washing, filling, and capping into a single automated system. Its advanced technology ensures accurate filling levels and minimizes product waste, making it ideal for beverage manufacturers seeking to optimize their production line.



## Overview

### Integrated Beverage Bottling Solution

This 3-in-1 automatic bottling line streamlines carbonated beverage production by combining bottle washing, filling, and capping into a single, compact system. Designed for efficiency, it reduces space requirements and minimizes contamination risks between process stages. The equipment features durable stainless steel construction for hygiene and easy maintenance, while offering flexible production capabilities for various bottle sizes.

## Key Features

### System Highlights

- 3-in-1 integrated design (washing, filling, capping)
- Stainless steel construction for hygiene and durability
- Frequency changer motor control with output monitoring
- Easy bottle format changeover without height adjustment
- Suspensory transmission gear for simplified maintenance

## Performance Metrics

### Production Capacity

**3000 BPH**  
Minimum Capacity

**18000 BPH**  
Maximum Capacity

## Compatibility

### Bottle Compatibility

Round bottles, Square bottles, PET material

### Bottle Dimensions

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

## Technical Specifications

### Technical Parameters by Model

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

### Operating Pressures

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

### Filling Precision

d±5mm