

PET Bottle Carbonated Beverage Filling Line

This monobloc equipment integrates rinsing, filling, and capping stations. It handles PET, glass, and metal bottles ranging from 150ml to 2.5L, with production capacities from 50 to 22,000 bottles per hour.



Overview

High-Efficiency Carbonated Beverage Filling Line

This automatic three-in-one machine integrates washing, filling, and capping processes specifically designed for PET bottles ranging from 500ml to 1.5 liters. Built with high-quality stainless steel and food-grade components, it ensures hygiene and durability for carbonated beverage production. The system features advanced PLC control, precise temperature management, and automatic safety mechanisms to prevent downtime during operation.

Technical Specifications

Automation Features

- Automatic trouble protection
- Bottle neck holding transmission
- Reverse-flow system
- Automatic cleaning system
- Human-machine interface touch-screen

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|--------------------------------|--|
| Machine Type | Automatic 3-in-1 (Washing, Filling, Capping) |
| Compatible Bottle Sizes | 500ml to 1.5 Liter |
| Main Material | Stainless Steel 304, Food-grade Rubber |

Production Capacity

Model Specifications

| Model | Rinsing/Filling Heads | Capping Heads | Capacity (500ml) |
|--------------|-----------------------|---------------|------------------|
| DCGF8-8-3 | 8 | 3 | 2000BPH |
| DCGF12-12-5 | 12 | 5 | 3000BPH |
| DCGF18-18-6 | 18 | 6 | 4000BPH |
| DCGF24-24-8 | 24 | 8 | 8000BPH |
| DCGF32-32-10 | 32 | 10 | 10000BPH |
| DCGF40-40-12 | 40 | 12 | 15000BPH |
| DCGF50-50-15 | 50 | 15 | 18000BPH |

Certifications & Standards

Compliance

CE • ISO • BUREAU • COC