

Automatic Carbonated Soft Drink Bottling Machine

This machine is designed for filling carbonated drinks into plastic, glass, or aluminum containers. The bottling process includes syrup melting, flavored mixing, filtration, and carbon dioxide mixing before filling and packing.



ADDITIONAL IMAGES



Overview

High-Efficiency Carbonated Beverage Bottling

This automatic bottling system provides a complete solution for filling carbonated soft drinks into PET bottles, glass bottles, and aluminum cans. The integrated design combines rinsing, filling, and capping into a seamless automated process, ensuring high-speed production and consistent product quality. Engineered with stainless steel for hygiene and durability, it is an ideal choice for large-scale beverage manufacturers looking to optimize their production lines.

Technical Performance

Key Performance Metrics

12000 BPH
Max Capacity

12 pcs
Filling Stations

Production Capacity	10,000 - 12,000 bottles per hour (based on 500ml bottles)
Filling Method	Balanced pressure filling
Model	DCGF 12-12-4

Application & Compatibility

Supported PET Bottle Sizes

- 250ml
- 500ml
- 750ml
- 1000ml
- 1500ml

Compatible Liquids

Carbonated Drink, Soft Drink, Soda, Flavored Juice with CO2

Cap Compatibility

Normal plastic screw caps

System Components

Complete Solution Modules

- Water treatment system
- Soft drink processing machine (Syrup melting, mixing, filtration)
- Carbon dioxide mixer
- Soft drink filling machine
- Bottled soft drink packing machine
- PET bottle blow molding machine
- Bottle unscrambler

Processing Stages

Syrup melting - Flavored mixing - Filtration - CO2 mixing - Filling - Packing - Bottle making

Construction & Design

Material

High-Grade Stainless Steel

Key Design Features

- Automated filling and capping mechanisms
- Conveyor system for efficient handling
- Integrated rinsing station
- Advanced control systems for volume accuracy
- Customizable filling valves and nozzles