

Carbonated Soft Drink Filling Machine

This machine integrates rinsing, filling, and capping functions for PET bottles containing carbonated soft drinks. It utilizes counter pressure filling and neck-holding grippers for a fast and stable process.



Overview

High-Efficiency 3-in-1 Filling Solution

This automated monoblock system integrates rinsing, filling, and capping into a single, compact unit designed for PET bottled carbonated soft drinks. Utilizing advanced counter-pressure isobaric filling technology, it ensures rapid, stable, and precise carbonation control. The machine features sanitary stainless steel construction and PLC-controlled operation, making it a reliable choice for high-volume beverage production lines.

Performance

Production Capacity

6000 bottles/hour
Minimum Capacity

24000 bottles/hour
Maximum Capacity

Technical Details

Process Functions

- Rinsing
- Filling
- Capping

Automation Features

PLC Control • No bottle no rinse • Neck handling grippers • Automatic operation

Construction Materials

High-quality stainless steel, Sanitary polished pipe

Filling Technology

Filling Specifications

Feature	Specification
Filling Principle	Counter pressure isobaric
Container Type	PET Bottles
Cap Type	Plastic
Bottle Handling	Neck Grippers