

Carbonated Beverage Bottling Machine

This machine is designed for filling bottles with carbonated soft drinks, minimizing CO2 loss during the process. It features advanced filling valves and a micro-pressure filling system for stable and fast operation.



ADDITIONAL IMAGES



Overview

Advanced Carbonated Beverage Bottling Solution

This high-performance bottling system is engineered specifically for carbonated soft drinks (CSD), utilizing negative pressure filling technology to minimize CO2 loss. Designed for speed, stability, and hygiene, the system features advanced electropneumatic valves and an automated cleaning function for rapid maintenance. The modular design ensures precise filling levels and reliable operation for large-scale production environments.

Technical Features

Filling System	Negative pressure filling with micro-pressure system
Filling Valve Features	Electropneumatic, High-speed hot filling compatible, Auto-cleaning function, Flexible opening/closing
Construction	Stainless steel workspace and support structure

System Components



A comprehensive view of the integrated bottling line, including automated filling and capping stations.

Included Equipment

- Water treatment system (RO, sand/carbon filters, softener)
- Ozone generator sterilizer
- Aseptic water storage tank
- Sugar melting tank and syrup filter
- Flavor blending tank and syrup cooler
- CO2 beverage mixer and filter
- Water chiller
- Automatic washing, filling, and capping unit
- Labeling machine
- Date printer
- Film packaging machine

Certifications

Compliance & Standards

ISO 9001 • TÜV Rheinland • High-Tech Enterprise Certified