

Automated Can Production Line

This automated line integrates can forming, filling, seaming, and labeling processes. Precision seaming ensures airtight closure, maintaining product integrity.



Overview

Automated Can and Bottle Production Line

This comprehensive automated production line is engineered for high-efficiency filling and packaging of carbonated beverages and liquids. The system integrates rotary bottle rinsing, isobaric filling, and advanced nitrogen dosing technology to ensure product integrity and precise filling levels. Designed for versatility, the line supports production speeds ranging from 2,000 up to 36,000 bottles per hour, making it an ideal solution for scalable beverage manufacturing.

System Capacity

Production Capacity (PET)

2000 bph

Minimum Throughput

36000 bph

Maximum Throughput

Can Filling Capacity

600 cans/min

Standard Capacity

2000 cans/min

Max with Nitrogen System

Nitrogen Filling System

Control Features

- PLC automatic control
- 20 programmable product profiles
- Automatic filling volume compensation
- Speed and position tracking
- Real-time fault display

Operating Pressures

Parameter	Range
Liquid Nitrogen Inlet	1.5 - 7.0 Bar
Gaseous Nitrogen	3.0 - 7.0 Bar
Float Ball Limit	< 1.5 Bar

Technical Specifications

Construction

Stainless Steel • Vacuum Insulation

Power Supply

220V / 50Hz

Bottle Rinsing Rate

105 ml/s

Interface Languages

English, Chinese