

# 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