

Automatic PET Bottle Blow Molding Machine

This machine is mainly used in beverage filling operations. It integrates washing, filling, and capping functions into a single automated process suitable for PET and plastic bottles containing juices, mineral water, and purified water.



Product Overview

High-Efficiency Automatic PET Bottle Production

This automatic blow molding machine is engineered for high-volume production of plastic containers, featuring a robust construction with transparent safety panels. It utilizes micro-pressure filling technology to achieve faster and more stable yields compared to standard specifications. Controlled by an advanced PLC system, the machine ensures reliable bottle feeding and high automation for professional beverage manufacturing.

Control System

Control Unit

OMRON PLC • Programmed Controller

Automation Components

- Photoelectric detector for component monitoring
- Bottle feeding chain transducer
- Host inverter synchronization
- Automatic operation cycle

Filling & Molding Performance

Performance Advantages

- Higher yields compared to standard machines
- Greater operational efficiency
- Enhanced bottle stability during transit
- Quick and easy handle rotation adjustments

Filling Method

Micro pressure filling (Z type low vacuum option available)

Application & Compatibility

Container Types

- PET Bottles
- Glass Bottles
- Jars
- Hollow Plastic Products

Suitable Materials

Alcohol, Soy Sauce, Beverages

Sealing Methods

Aluminum Theft-Proof Cap, Plastic Cap

Design & Safety

Machine Build

- Grey base with orange frame
- Enclosed transparent safety panels
- Robust industrial construction