

PET Bottle Blow Molding Machine

Semic-automatic blow molding machine produces PET containers. It is suitable for bottles used for wine, drinks, soybean, vinegar and pesticide (less than 10 liters).



Overview

Semiautomatic PET Blow Molding Solution

This semiautomatic blow molding machine is engineered for the efficient production of PET plastic containers, including mineral water, carbonated drink, oil, and cosmetic bottles. Featuring a robust double-crank mold adjustment system and an infrared heating oven, it ensures consistent and high-quality bottle formation. The machine is designed for operational flexibility, offering both step-by-step and semi-automatic modes, making it an ideal, low-investment solution for diverse manufacturing needs.

Performance Metrics

Theoretical Output

1600 PCS/H

Max Output

Clamping Force	45 KN
Total Power	17.5 kw

Technical Specifications

Container Specifications

Parameter	Value
Product Material	PET
Volume Capacity	0.1L - 2L
Preform Length	15mm - 350mm
Preform Inner Diameter	5mm - 38mm

Mold Dimensions	350 x 380mm (Max Plate)
Max Mould Thickness	180 mm
Mould Opening Stroke	160 mm

Features

Key Features

- Mitsubishi touch screen control system
- FESTO (Germany) and SMC (Japan) pneumatic elements
- Energy-saving and compact mechanical design
- Integrated malfunction alert and diagnostic units
- Oiling system for mechanical lubrication
- Step-by-step and semi-automatic operating modes

Certifications

CE, ISO, UL, COC