

Semi-Automatic 5L PET Bottle Blow Molding Machine

This semi-automatic blow molding machine produces PET bottles up to 5L in size. It is suitable for manufacturing water bottles, oil bottles, and other similar containers.



Product Overview

High-Efficiency Semi-Automatic PET Production

This semi-automatic blow molding machine is engineered for versatile PET bottle manufacturing, supporting volumes up to 5L. Designed for ease of use, it requires only a single operator without specialized training, making it perfect for small to medium-scale production lines. The integration of advanced PLC controls and independent heating lamp systems ensures consistent, high-quality container production with a waste rate of less than 0.2%.

Performance Metrics

Capacity and Output

5 L

Maximum Product Volume

800 BPH

Max Theoretical Output (2-blower)

0.2 %

Waste Rate

Technical Specifications

Technical Parameters

Parameter	Value
Max Container Diameter	200 mm
Max Container Height	330 mm
Neck Diameter Range	50-150 mm

Certifications

Compliance and Standards

CE, ISO, COC

Operational Features

Advanced Features

- Infrared preform heater with adjustable direction
- Independent temperature control for each lamp
- Advanced PLC control with 0.01s time-control precision
- Integrated air storage unit
- Simple installation and user-friendly interface