

Semi-Automatic PET Stretch Blow Molding Machine

This semi-automatic machine utilizes a two-step process involving preform heating and subsequent blowing within a mold. It is designed to produce PET bottles for various applications.



Overview



The machine features a robust design and a user-friendly interface for consistent production.

High-Efficiency PET Blow Molding

This semi-automatic stretch blow molding machine is engineered for precision and reliability in PET bottle production. Designed to meet CE standards, it features a microcomputer-controlled system that ensures accurate technical parameters and consistent bottle quality. The machine is optimized for a wide range of applications, including carbonated beverages, mineral water, cosmetics, and oil bottles, offering a waste rate of less than 0.3%.

Key Features

CE Standard, Microcomputer Control, Single Operator, Infrared Heating, Low Waste Rate

Performance Metrics

Production Capabilities

6 L

Max Bottle Volume

850 pcs/h

Max Output Capacity

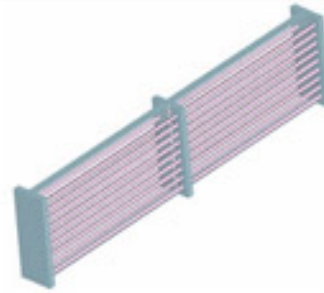
0.3 %

Waste Rate

Technical Specifications



Microcomputer control system allows for precise adjustments with 0.01s time control accuracy.



Infrared heating unit with independent temperature control for uniform heat distribution.

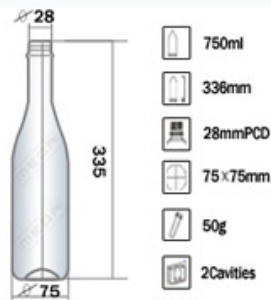
Safety Features

- Twin startup switches
- Emergency stop button
- Stable air pressure storage
- Independent temperature control

Blowing Pressure 35 bar

PLC Time Control Precision 0.01 s

Container Samples



Example of a bottle produced by the machine, showing dimensional precision.

Typical Container Specifications

Type	Capacity	Weight	Cavities
Wine Bottle	750ml	50g	2
Plastic Container	5000ml	105g	1
Small Bottle	100ml	12g	2
PET Bottle	500ml	28g	2
Large Bottle	1000ml	30g	2
Plastic Bottle	1500ml	42g	2