

# 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

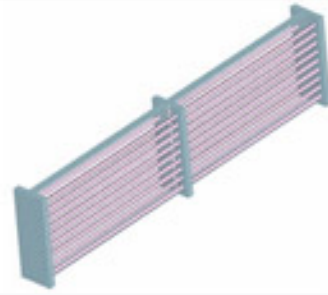
**0.3 %**

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.

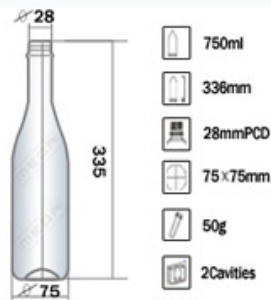
### Safety Features

- 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