

5-Gallon PET Stretch Blow Molding Machine

This stretch blow molding machine is designed for producing 5-gallon bottles and 25L wide-mouth jars. The infrared heater evenly heats preforms to ensure high shaping quality.



Product Overview

High-Efficiency PET Blow Molding

This 5-Gallon PET stretch blow molding machine is engineered for the precise and efficient production of large-format water bottles. Featuring advanced PLC controls and world-class pneumatic components, it ensures stable performance, high safety standards, and consistent bottle quality. Designed for reliability, the system minimizes waste with a low rejection rate of less than 0.2 percent.

Key Components

Pneumatic Valves

Component	Brand/Origin
Action Valve	SMC (Korea)
Blowing Valve	Festo (Germany)
Stretch & Clamping Cylinder	Festo (Germany)

PLC Control System	Siemens (Germany)
--------------------	-------------------

Preform Transfer Controller	Servo Motor (National, Japan)
-----------------------------	-------------------------------

Performance Metrics

Rejection Rate

0.2 %

Rejection Rate

Operational Features

- Automatic preform conveyor system
- Preform self-rotation for even heat distribution
- Infrared preheater with adjustable voltage control
- Double crank link clamping mechanism
- Integrated cooling system for flaw-free bottles

Certifications & Standards

Quality Certifications	CE, ISO 9001, CQC
------------------------	-------------------