

# Blow Molding Machine with In-Mold Labeling

This blow molding machine supports double-layer production with a view stripe. It features in-mold labeling, thickness control, and an automatic deflasher.



## ADDITIONAL IMAGES



## Overview

### High-Performance Blow Molding Solution

This advanced blow molding machine is engineered for the efficient production of hollow plastic products under 10L, featuring specialized capabilities for double-layer and view-stripe production. Equipped with a Siemens Intelligent Control System, it offers precise, multi-language operation and energy-saving frequency inverter controls. The robust design includes high-wear-resistant screw barrels, advanced die head technology, and a high-rigidity clamping system to ensure uniform wall thickness and consistent quality.

## Technical Capabilities

### Production Capacity

**10 L**

Max Product Volume

### Die Head Features

- High-degree isolation design for double-layer and view stripe lines
- Uniform axial thickness
- Deep crystal surface treatment
- Curve runner design with no dead ends
- Easy to refuel and change color
- Optional divergent, spiral, or plastic extrusion die

### Extrusion System

- Frequency inverter speed control for energy saving
- Strengthened and hardened screw with cold treatment
- High wear-resistant screw barrel
- Lifting type extruder (adjustable up and down)

## Control & Automation

Control System	Siemens Automatic Intelligent Control System with multi-language user interface
Automation Features	Automatic Lubrication, Inverter Speed Control, 100-Point Parison Control, Auto Die Head Cleaning, Telemaintenance

## Mechanical Design

### Motion System

- Super harden guide column
- Front linear guide rail
- Double proportional valve for oil flow and pressure control

### Clamping System

Stress-designed template with ductile cast iron station and clamping plate

## Safety & Compliance

### Safety Features

- Safety door (machine stops when opened)
- Low-temperature startup protection

## Optional Equipment

### Optional Functions

- Automatic hydraulic filter device
- Down blow pin
- Parison thickness controller
- Scraper and deflasher