

Semi-Automatic PET Blow Molding Machine

The SA series blow molding machine is a high output semi-automatic PET solution. It features automatic bottle discharging, a patented heating system, and automatic preform loading.



Overview

High-Efficiency Semi-Automatic PET Blow Molding

This series of semi-automatic PET blow molding machines is engineered for high-output production with reduced operator intervention. Featuring a patented heating system and automatic preform loading and bottle discharging units, these machines significantly lower labor requirements while maintaining high productivity. With configuration options supporting up to 6 cavities, they are capable of reaching outputs of up to 2800 bottles per hour, representing a substantial improvement over traditional manual molding processes.

Performance Metrics

Key Performance Metrics

2800 BPH

Max Output

300 KN

Clamping Force

6 units

Max Cavities

Technical Specifications

Model Comparison

Feature	MG-SA4	MG-SA6	MG-SA4 C
Cavities	4	6	4
Output (BPH)	2000	2800	1800
Clamping Stroke	350mm	250mm	350mm
Mould Thickness	190mm	190mm	300mm

Container Capabilities



Examples of PET containers produced using the high-output blow molding process.

Container Specifications

- Material: PET
- Neck Diameter: 15-45mm
- Max Container Diameter: 70-110mm
- Max Container Height: 250-400mm

Electrical System

Power Requirements

380V / 3PH / 50Hz