

PET and PP Stretch Blow Moulding Machine

This two-stage automatic stretch blow moulding machine is designed for producing PET and PP bottles. It features optimized layouts and a patented preform heating system for efficient operation.



Overview



The MG-E series economical blow moulding machine designed for high-efficiency production.

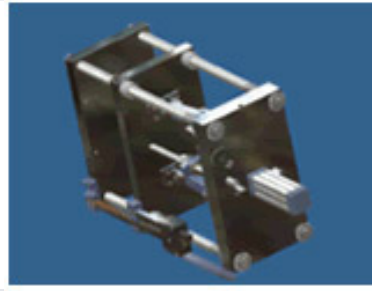
Economical Stretch Blow Moulding Solution

The MG-E series is an advanced two-stage automatic stretch blow moulding machine engineered for the efficient production of PET and PP bottles. Optimized for energy savings, it features a patented heating system and modular oven design that significantly reduces power consumption. With a robust control system capable of storing 30 operating recipes and optional air recovery technology, this machine is designed to maximize profitability in competitive bottle manufacturing markets.

Technical Specifications



Small pitch preform design ensures optimal heating efficiency and spacing.



Robust clamping and blowing station components engineered for precision and durability.



Airflow schematic illustrating the high-pressure blowing process for consistent bottle wall thickness.

Key Performance Metrics

40 Bar

Max Blowing Pressure

2.5 L

Max Mold Capacity

30 sets

Recipe Storage

30 %

Air Recovery Efficiency

Core Features

- Modular oven with 9 heating lamp layers
- Automatic preform feeding with neck-up orientation
- Microprocessor-based error detection and diagnosis
- Quick mold change system
- PID-controlled heating zone with infrared monitoring

Machine Capabilities

Two-stage automatic, PET processing, PP processing, Hot fill capable

Bottle Sample Data

Typical Bottle Specifications

Type	Capacity	Weight
CSD Bottle	2000ml	42g
Jar	750ml	35g
Detergent Bottle	750ml	28g
Hot-fill Bottle	500ml	18g
Water Bottle	300ml	13g
Pharmaceutical Bottle	135ml	12g