

# 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.

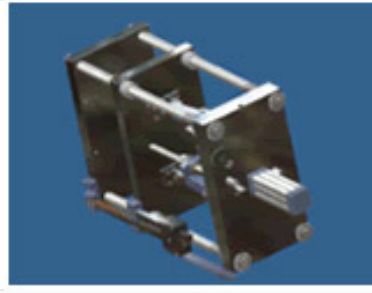
### Economical Stretch Blow Moulding Solution

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