

# Automatic Positive and Negative Pressure Thermoforming Machine

This automatic thermoforming machine shapes plastic materials using positive and negative pressure. It is designed for high-volume production of plastic parts and products.



## ADDITIONAL IMAGES



## Overview

### High-Precision Thermoforming Solution

This automatic positive and negative pressure thermoforming machine is engineered for high-volume, precision production of plastic parts. Featuring an advanced PLC control system and independent servo-driven molding, punching, and stacking, it ensures consistent quality with a 99.9% yield rate. Its robust steel construction and intelligent heating systems make it a reliable choice for processing a wide range of thermoplastic materials.

## Technical Specifications

### Performance Metrics

**40 times/min**

Max Blanking Speed

**80 mm**

Max Forming Depth

**6500 kg**

Operating Weight

### Machine Dimensions

Dimension Type	Value
Installation Dimensions	6000 x 1800 x 2100 mm
Package Dimensions	5670 x 1900 x 2200 mm

### Power & Utilities

- Power Supply: 380V 50HZ (220V 60HZ), Three-phase four-wire
- Heating Power: 48KW
- Motor Power: 18KW
- Water Supply Pressure: 0.2MPa
- Water Consumption: 0.3m<sup>3</sup>/h
- Exhaust Volume: e1.0m<sup>3</sup>/min (7.5KW)

## Material Capabilities

### Material Specifications

**0.1 mm**

Min Thickness

**1.5 mm**

Max Thickness

**600 mm**

Max Width

### Compatible Materials

PP, PS, PET, PVC, PLA, PC

## Key Features

### Control & Automation

Yes

### Molding Accuracy

± 0.05mm traction accuracy; ± 0.2mm punching accuracy