

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: 0.3m³/h
- Exhaust Volume: e1.0m³/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