

# Automatic Plastic Thermoforming Machine

This high-speed automatic thermoforming machine is designed for efficient plastic packaging and container production. The machine integrates sheet feeding, heating, forming, cutting, and stacking processes with a user-friendly interface and precise control.



## Overview

### High-Performance Thermoforming Solution

The PPBG-600 is a high-speed automatic thermoforming machine engineered for the efficient production of disposable plastic packaging, including lids, clamshell boxes, plates, and trays. Designed for versatility, it supports a wide range of materials such as PP, PS, PET, PVC, and PLA. This integrated system combines sheet feeding, heating, forming, cutting, and stacking to ensure precise output with minimal waste.

## Performance Metrics

### Key Performance Indicators

**40 Cycles/min**

Max Cutting Speed

**80 mm**

Max Forming Depth

**68 KW**

Total Power

## Technical Specifications

### Forming Capabilities

Parameter	Value
Max Material Width	580mm
Max Forming Width	550mm
Max Forming Length	400mm
Material Thickness	0.1mm - 1.5mm

### Compatible Materials

PP, PS, PET, PVC, PLA

## Infrastructure Requirements

### Power Requirements

- Heating Power: 48KW
- Motor Power: 18KW
- Total Machine Power: 68KW
- Voltage: 380V / 50HZ (Three-phase and four-wire)

### Utility Requirements

- Water Pressure: 0.2MPa
- Water Consumption: 0.3m<sup>3</sup>/h (Circulating cooling water)
- Air Exhaust Volume: e1m<sup>3</sup>/min
- Air Pressure: 0.6-0.8MPa

## Physical Dimensions

### Dimensions & Weight

- Install Size: 6000 x 1800 x 2100mm
- Packing Size: 5670 x 1900 x 2200mm
- Total Weight: 6500KG