

Automatic Plastic Cup Thermoforming Machine with Tilting Mold

This high-speed, automatic thermoforming machine is designed for efficient plastic cup and container production. It features a conjugated cams driven system and tilting mold for precise forming, achieving speeds up to 33 molds per minute and a maximum forming depth of 170mm.



Overview

High-Efficiency Thermoforming Solution

This automatic plastic cup thermoforming machine features an advanced tilting mold mechanism designed for high-speed, precision production. Engineered for versatility, it supports a wide range of thermoplastic materials including PP, PS, PE, PET, and PVC. With a maximum forming depth of 170mm and a production speed of up to 33 molds per minute, it is an ideal solution for high-volume manufacturing environments requiring consistent quality and energy efficiency.

Technical Specifications

Key Performance Metrics

33 molds/min

Max Speed

170 mm

Max Forming Depth

115 Kws/h

Power Consumption

Forming Dimensions

Parameter	Value
Sheet Width	540-710mm
Sheet Thickness	0.3-2.0mm
Max Forming Area	680x280mm

Compatible Materials

PP, PS, PE, PET, PVC, Thermoplastic

Machine Features

Control & Drive Systems

- 15KW Servo motor for high-precision driving
- PLC-controlled system with touch screen interface
- Conjugated Cam driving system for stable, quiet operation
- PID-controlled far-infrared heating system

Certifications

CE Certified • ISO 9001:2000