

Automated Paper Plate Forming Machine

This machine is designed for the automated, high-volume production of disposable paper plates. Its robust mechanical design incorporates pneumatic controls and a user-friendly panel for parameter adjustments.



ADDITIONAL IMAGES



Overview

High-Efficiency Paper Plate Forming

This automated paper plate forming machine is engineered for high-volume, industrial-scale production. Utilizing advanced PLC control systems and high-precision pneumatic components, it ensures consistent performance and reliable operation. The machine is designed for versatility, allowing operators to adjust production parameters such as plate size, forming pressure, and output speed to meet varying manufacturing requirements.

Performance Metrics

Rated Production Rate

10 pcs/min
Min Production

25 pcs/min
Max Production

Mold Cycle Frequency

25 cycles/min

Technical Specifications

Key Components

- Mitsubishi PLC
- Omron Electronic Components
- AirTAC Pneumatic Components

Control System

PLC Control, HMI Interface

Pneumatic Components

Air-liquid booster cylinder with pneumatic control system

Operational Details

Sheet Capacity per Cycle	1-10 sheets (adjustable based on paper thickness)
Mold Configuration	2 sets