

Automated Paper Plate Forming Machine

This machine is designed for the efficient and automated production of paper plates. It utilizes a pneumatic system for pressing and forming plates, ensuring high-quality output.



ADDITIONAL IMAGES



Overview

Intelligent Automated Paper Plate Forming

This automated paper plate forming machine is engineered for high-efficiency, consistent production, utilizing advanced pneumatic and PLC control systems for reliable performance. Designed for industrial environments, it features precise control over molding cycles and sheet thickness, allowing for versatile output. The system is optimized for high-volume manufacturing, ensuring stable operation and quality plate formation.

Technical Specifications

Rated Production Rate

10 pcs/min
Min Output

25 pcs/min
Max Output

Mold Cycle Frequency: 25 cycles/min

Sheets per Cycle: 1-10 sheets

System Components

Key Component Categories

- PLC Control Unit
- Pneumatic Pressing Cylinders
- Electronic Control Components
- Pneumatic Control System

Control System: PLC Controller, HMI Interface, Pneumatic Cylinder Control

Design Features

Mold Setup: Dual mold configuration