

Paper Bowl Forming Machine

The paper bowl forming machine is designed for the automatic production of paper bowls. It features a robust mechanical construction with a precision manufacturing process to ensure high efficiency and durability.



ADDITIONAL IMAGES



Overview

High-Efficiency Paper Bowl Production

This automated paper bowl forming machine is engineered for high-volume, unmanned production environments. By integrating PLC controls, pneumatic cylinders, and robotic arm feeding, it streamlines the entire process from material intake to bowl collection. Designed with dual molds, it significantly boosts output efficiency while minimizing labor costs.

Performance Metrics

Production Speed

15 times/min
Min Cycles

25 times/min
Max Cycles

Mold Configuration

2 sets

Technical Specifications

Total Power	3.5 kW
Compressed Air Pressure	0.56 - 0.8 MPa
Gas Flow Rate	1 m ³ /min

Material & Process

Compatible Paper Weight	350 - 500 g/m ²
Forming Temperature	120 - 250 °C

Automation Features

Key Automation Capabilities

- Automatic material feeding
- Automated bowl collection
- Automatic counting
- PLC-controlled pneumatic system
- Touch screen interface