

# 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 <sup>3</sup> /min

## Material & Process

Compatible Paper Weight	350 - 500 g/m <sup>2</sup>
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