

Automatic Paper Food Container Forming Machine

This automatic machine is designed for the efficient production of paper food containers. It features advanced robotic arms for automated handling and precise forming of containers.



ADDITIONAL IMAGES



Overview

High-Efficiency Automatic Forming Solution

This fully automatic machine integrates forming, drying, shaping, and edge-cutting processes into a single streamlined system. Designed for environmental sustainability, it utilizes advanced robotic arms to minimize manual labor and operational costs while maintaining high production efficiency. The machine is engineered for precision, featuring robust stainless steel components and an intelligent PLC control system for reliable, large-scale paper food container manufacturing.

Technical Specifications

Production Efficiency

19 s/die

Min Cycle Time

30 s/die

Max Cycle Time

Product Size Limits

- Max Height: <80mm
- Max Thickness: <1.5mm

Power Consumption

64 kW

Unit Details

Forming Unit Dimensions

Parameter	Value
Template Size	880 x 880 mm
Min Closing Height	120 mm
Lifting Stroke	400 mm

Drying & Hot-Press Unit

Parameter	Value
Template Size	820 x 820 mm
Max Pressure	28 T
Min Closing Height	140 mm
Lifting Stroke	450 mm

Edge Cutting Pressure

73 T

Features & Construction

Safety Systems

Light Curtain Sensors • Insulated Heating Units

Key Features

Fully Automatic, Robotic Arm Integration, Environmental Protection, Pneumatic Control, Electric Heating