

Automatic EPS Shape Moulding Machine

The automatic EPS shape moulding machine employs vacuum technology for the efficient production of EPS packaging materials. It ensures uniform density and precise shaping of molded EPS products through an automated process.



ADDITIONAL IMAGES



Overview

High-Efficiency EPS Shape Moulding

This automatic EPS shape moulding machine is engineered for high-strength production and operational efficiency. It features a robust, zinc-sprayed frame for longevity and an advanced hydraulic system that reduces cycle times by 6 seconds. With precise PID steam control and an integrated vertical vacuum system, it optimizes energy consumption while ensuring product moisture content is kept at 10% or less.

Technical Performance

Energy Savings

30 %

Steam Consumption Reduction

Frame Movement Speed 250 mm/s

Product Water Percentage d 10%

System Features

Control Capabilities

- Remote pressure adjustment
- Touch screen parameter control
- Self-protection and alarm systems
- Synchronized de-molding and ejection

Steam Pressure Tolerance +/- 0.1 Mpa

Vacuum System Vertical vacuum system with large drain pipeline

Construction & Design

Construction Details

High-strength integrated frame, Zinc-sprayed treatment, Stainless steel mold plates, Self-lubricating copper tubes