

# Automatic EPS Polystyrene Foam Block Molding Machine

This automatic EPS polystyrene foam block molding machine is designed for producing styrofoam plates and decorative foam blocks. The machine integrates advanced technology for efficient and precise molding, featuring automated processes to enhance productivity and reduce manual labor.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency EPS Block Molding

This automatic EPS polystyrene foam block molding machine is engineered for high-volume production of insulation boards, decorative panels, and packaging materials. Featuring a robust, heat-treated steel frame and advanced automated control systems, it ensures consistent product quality and long-term durability. The vertical frame design optimizes floor space while providing excellent drainage to reduce block moisture content.

## Technical Construction

Frame Material	Welded rectangular tubes and steel plates
Surface Treatment	Heat-treated, Sand blasted, Anti-corrosion

## Control System

### Automation Capabilities

- Automatic material level sensing
- Foam pressure sensor cooling control
- Fully automatic molding process

PLC Control	Mitsubishi PLC
Touch Screen	Schneider

## Performance Metrics

### Steam Savings

**20 %**  
Steam Consumption Reduction

## Safety & Compliance

### Safety Standards

ISO-standard valves • Triple gauge monitoring • Pressure tested

## Design Configuration

### Design Advantages

- Reduced floor space footprint
- Improved drainage performance
- Lower moisture content in blocks

### Frame Configuration

Vertical