

# Automatic Hydraulic Forming Machine for Concrete Blocks and Pavers

This automatic hydraulic forming machine is a robust solution for manufacturing concrete blocks and pavers. The machine integrates advanced hydraulic systems and automated controls to ensure high precision, consistent product quality and minimal labor requirements.



## Product Overview

### High-Efficiency Hydraulic Forming System

This fully automatic hydraulic forming machine is engineered for the high-volume production of concrete blocks and pavers. It utilizes an advanced, energy-efficient hydraulic system with a constant power variable pump that automatically adjusts output based on real-time operational demands. Designed for precision and stability, the system incorporates bidirectional pressing and servo-controlled technology to ensure high density and superior quality in every finished product.

## Technical Capabilities

### Performance Metrics

**90 degrees**

Cuber Rotation

### Forming Technology

Board-free forming, Bidirectional press, Servo proportional valve control, Closed-loop servo motor control

## Operational Features

### Key Operational Benefits

- Energy-saving hydraulic design
- Low noise operation
- Pollution-free production process
- High-density block consistency
- Cross-layer stacking for stability

### Control System Details

Component/Feature	Capability
Pressure Control	Servo proportional valve
Positioning	Linear displacement sensor
Feedback	Closed loop control
Interference	Strong anti-interference

## Design Specifications

### Production Versatility

Large-stroke demoulding • Multi-material compatibility • Modular design • Safety guarding