

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