

Automatic Concrete Block Production Line

This automatic concrete block production line is constructed with high-strength steel and specialized welding for durability. By changing the mold, it can produce various specifications of hollow blocks, porous bricks, pavement bricks, and slope protection bricks.



ADDITIONAL IMAGES



Overview

High-Efficiency Automated Production

This full automatic concrete block production line is designed for high-volume manufacturing of diverse construction materials, including hollow blocks, porous bricks, and pavement pavers. The system integrates advanced servo vibration and hydraulic technologies to ensure fast forming speeds, low noise, and consistent dimensional accuracy. By automating the entire process from batching to stacking, this line significantly reduces labor costs while maintaining high production efficiency.

System Components



Comprehensive system layout including mixer, finger cart, and pallet handling.

Production Line Components

- Automatic weighing system
- Twin shaft compulsory mixer
- PLC and touch screen control unit
- Hydraulic proportional relief valve system
- Heavy-duty steel structure frame
- Precision heat-treated molds

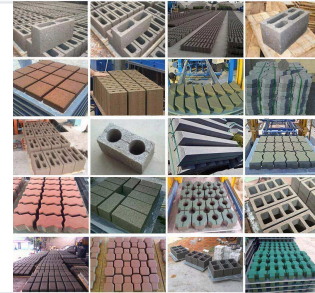
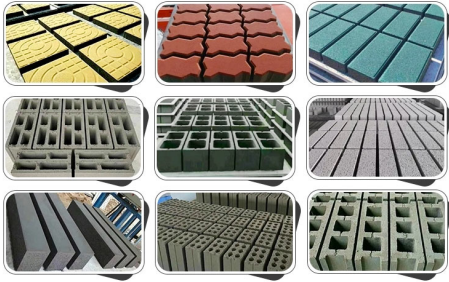
Technical Features



Robust machine construction designed for high-volume industrial output.

Control System	PLC-based automated control with touch screen interface
Vibration Mechanism	High-efficiency servo vibration with forced synchronization
Hydraulic Efficiency	Proportional relief valve for automatic flow and pressure adjustment
Energy Efficiency	10 %

Production Capabilities



Versatile production capabilities for paving stones, hollow blocks, and solid bricks. High-quality finished products demonstrating the machine's precision and consistency.

Production Process

- Raw material metering
- Batching
- Mixing
- Conveying
- Forming
- Curing
- Stacking

Compatible Products	Hollow Blocks, Porous Bricks, Pavement Bricks, Grass Planting Bricks, Slope Protection Bricks
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