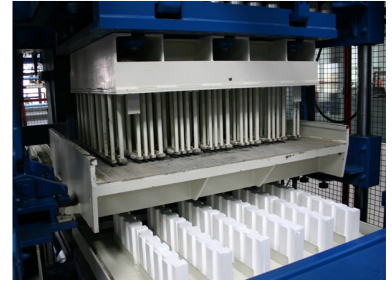


Concrete Block Production Line

This production line utilizes materials like fly-ash cinder, slag, and tailings to produce construction materials, including standard bricks and pavers. The machine integrates advanced design concepts and hydraulic controls to ensure stable operation and durable equipment.



ADDITIONAL IMAGES



Overview

High-Efficiency Concrete Block Production Line

This fully automatic production line is engineered for the high-volume manufacturing of consistent, high-quality concrete blocks. By integrating material feeding, precision mixing, hydraulic molding, curing, and robotic stacking into a synchronized system, it significantly reduces manual labor while maximizing output. The modular design, controlled by an advanced PLC system, offers flexibility for various block sizes and configurations, making it an ideal solution for demanding industrial construction environments.

Technical Specifications

Control System	Programmable Logic Controller (PLC) with real-time monitoring
Molding Mechanism	Hydraulic press with multiple cylindrical molds
Safety Features	Emergency Stop, Safety Guards, Overload Protection
Construction	Heavy-duty steel framing

Production Capabilities

Integrated Production Stages

- Material batching and feeding
- High-efficiency mixing
- Automated molding (vibration & pressing)
- Controlled curing
- Robotic stacking

Operational Flexibility

Adjustable block density • Variable production speed • Modular configuration • Multiple block sizes