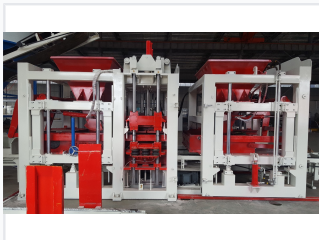


# Concrete Block, Brick, and Paver Machine

This multifunctional block machine produces various types of blocks, bricks, pavers, and curbstones by changing the molds. Its particular storage and description material system ensures feeding accuracy and avoids the effect of exterior material.



## ADDITIONAL IMAGES



## Overview

### Multifunctional Concrete Block Production

This high-end automated machine is designed for the versatile production of concrete blocks, bricks, pavers, and curbstones by simply changing the molds. It features a particular storage and material description system that ensures feeding accuracy and high product density. Utilizing synchronization vibration technology, the system achieves optimal compaction for various materials through adjustable frequency controls.

## Technical Capabilities

### Performance Metrics

**21 MPa**

Rated Pressure

Rated Pressure

21 MPa

Overall Dimensions

7500 × 2500 × 3020 mm

## Control System

### Control System Features

- PLC intelligent control with man-machine interface
- Complete logic control and production programming
- Integrated malfunction diagnosis system
- Remote control functionality for scrutiny and diagnosis
- Warning signals for fault elimination
- Simple operator training requirements

## Production Scope

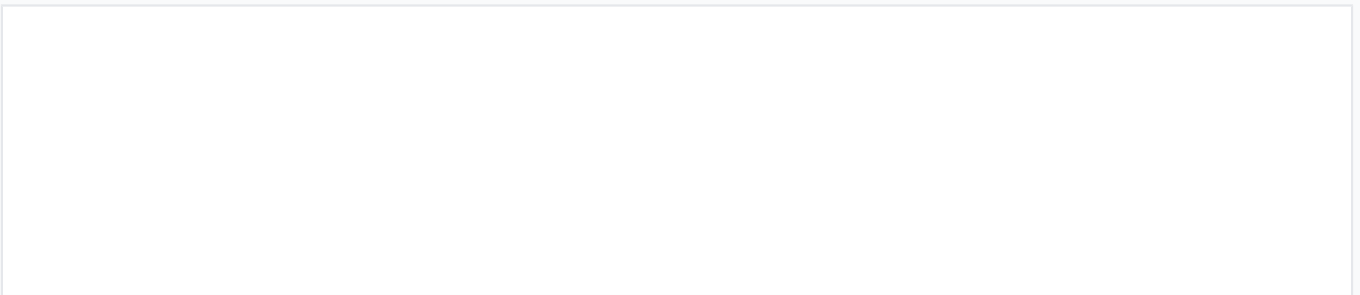


Robust steel mold sections engineered for high-volume production and consistent block dimensions.

### Supported Block Types

Color-face bricks, Through-body tiles, Lock linkage blocks, Road curb bricks, Hydraulic blocks, Hollow blocks, Perforated bricks, Standard bricks

## Mechanical Engineering



Heavy-duty metal frame and mechanical linkage system designed for synchronized, high-durability operation.

### Advanced Mechanical Systems

- High-strength twin crank arm for material feeder
- High-speed swing-type material feeding system
- Automatic hydraulic pallet feeding system
- Twin hydraulic cylinder balanced propulsion
- Four posts sliding positioning system
- Airbag shocking mitigation system
- High-strength split-type vibration platform
- Siemens variable frequency motor
- Block conveyor with automatic extra materials cleaning

### Vibration Technology

Synchronization vibration with frequency adjustment (Low frequency for feeding, high frequency for optimal compaction).