

Automatic Block, Brick and Paver Making Machine

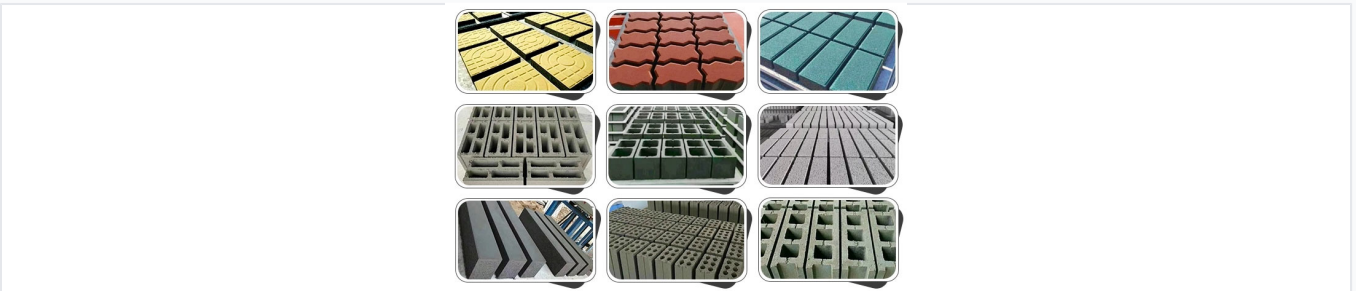
This automatic machine is designed for efficient production of various concrete products. It is capable of producing paving stones, interlocking bricks, and standard cement blocks.



ADDITIONAL IMAGES



Overview



High-Capacity Automatic Block Production

The QT10-15 is a high-performance automatic cement block forming machine engineered for large-scale production of pavers, interlocking bricks, and hollow blocks. It features advanced German frequency conversion technology and a robust hydraulic system to ensure high product density and energy efficiency. Designed for versatility, this machine allows for rapid mold changes to meet diverse construction requirements with precision and reliability.

Technical Performance

Performance Highlights

105 KN Vibration Force	31.5 MPa Rated Pressure	12 s Min Cycle Time	16 T Total Weight
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Vibration Type
Hydraulic Vibration

Vibration Frequency 3800-4500 r/min

Production Capabilities



Supported Block Types

Hollow Blocks, Porous Bricks, Pavement Bricks, Grass Planting Bricks, Slope Protection Bricks, Interlocking Pavers, Color Surface Tiles

Forming Cycle

12-20 seconds

Machine Specifications



Power Requirements

Component	Power Rating
Total Power	48.9 kW
Stacking Machine	3.0 kW

Machine Size

11500 x 4050 x 2800 mm

Pallet Dimensions

1100 x 880 x 25 mm

System Features



Control & Electrical

- PLC controlled electrical system
- Data input and output device integrated
- Safety logic control and fault diagnosis
- German frequency conversion technology
- Adjustable motor running speeds

Hydraulic & Mechanical Features

- Large capacity automatic pressure regulating system
- Integrated cooling system for oil temperature stability
- Advanced oil filtration for component longevity
- High dynamic performance proportional valves
- Vibration-resistant welded main engine frame
- Wear-resistant composite metal molds

Uniform Feeding Technology

The distribution device utilizes a multi-shaft directional feeding mechanism or reciprocating arch-breaking rake to ensure rapid and uniform material spread. Pre-vibration of the cloth shortens the forming cycle while improving block strength and dimensional accuracy.