

Automatic Block Making Machine

This automatic block making machine utilizes a PLC controller for fully automatic operation. The machine creates various concrete blocks, such as hollow, paver, and solid blocks, by changing the mold.



ADDITIONAL IMAGES



Overview

High-Efficiency Pallet-Free Block Production

The MT8-25 is a fully automatic block making machine designed to eliminate the need for pallets, significantly reducing operational costs and loading time. Controlled by a high-precision PLC system, it offers rapid pressurization and a high degree of automation for consistent product density. This versatile machine can produce a wide range of building materials, including hollow blocks, solid bricks, pavers, and interlocking stones, by simply changing the molds.

Technical Performance

Key Performance Metrics

63.5 kW
Host Power

21.8 T
Overall Weight

16 s
Min Cycle Time

Forming Area	780 x 780 mm
Exciting Force	55-120 KN
Installed Capacity	100 kVA

Control & Systems

Control System	PLC / Hydraulic Control
Hydraulic System	Encoder servo hydraulic control
Vibration Table	Variable frequency motor vibration

Production Capabilities



Production Output Capacity

Block Type	Dimensions (mm)	Pcs/Mould	8hr Output (Pcs)
Solid Brick	240x115x53	36	46,272 - 51,840
Hollow Block	390x190x190	8	9,216 - 11,520
Perforated Brick	240x115x90	18	20,736 - 25,920
Dutch Brick	200x100x60	18	18,512 - 20,736

Supported Block Types

Hollow Blocks, Pavers, Solid Bricks, Interlocking Blocks, Color Face Bricks

Key Features

Advanced Features

- Pallet-free design saves operational costs and labor
- Double speed reduction motor in hopper for uniform cloth distribution
- Synchronous air bag drive for flexible product clamping
- Servo motor driven mold movement and lifting table
- Higher product compactness and uniformity
- Integrated special brick receiving line for automated stacking

Installation Requirements

Required Plant Area	800 m ²
Host Machine Dimensions	4680 × 3860 × 3090 mm