

Concrete Block Manufacturing Machine

This automatic block machine is designed for efficient and precise production of concrete blocks. The robust machine features a hydraulic system for powerful pressing and molding, ensuring consistent block density and dimensional accuracy.



ADDITIONAL IMAGES



Overview

High-Efficiency Hydraulic Block Production

The XD10-15 is a fully automatic hydraulic brick making machine designed for high-yield industrial production. Controlled by an advanced PLC system with a touch-screen interface, it automates feeding, distribution, and pallet conveying to ensure consistent quality and high output. Its robust construction and integrated fault diagnosis system make it an ideal investment for large-scale brick factories seeking reliable performance and significant profit margins.

Key Performance Metrics

Performance Highlights

20 Mpa

Nominal Pressure

35 KW

Gross Power

12 sec

Min Cycle Time

10500 Kg

Overall Weight

Technical Specifications

External Dimensions	3000 x 1980 x 2730 mm
Vibration Frequency	50~70 HZ
Vibration Force	60-80 Kn
Pallet Size	1100 x 880 x 25-30 mm
Molding Area	1080 x 800 mm

Control & Automation

Control System

- Programmable Logic Controller (PLC)
- Touch screen text display
- Remote controlling system for diagnosis
- Automatic fault diagnosis and warning signals
- Sensor-based auto motion system

Production Capacity

Output by Brick Type

Brick Type	Size (mm)	Pcs/Mould	Pcs/8 Hours
Hollow Block	390x190x190	10	19200
Solid Brick	240x115x53	51	97920
Holland Brick	200x100x60	35	50400
Porous Block	240x115x90	24	46080
Paving Block	225x112.5x60	24	34562

Construction & Features

Build Quality

- Main frame constructed from thick-walled square tubes
- Solid steel plate base with machined surface
- Special anti-wet electrode welding for durability
- Impact-type flexible vibration system
- Rolling forced cloth distribution system

Operational Requirements

Required Workshop Area	300 M2
Water Consumption	6 Ton