

QT8-15 Automatic Hollow Block Making Machine

90 kN hydraulic automatic machine moulding eight hollow blocks per cycle, 15360 blocks per 8 hour shift.



Overview

The QT8-15 is the first machine in the range at 90 kN vibration force. Eight hollow blocks are moulded per cycle on a 960 x 870 mm pallet, giving 1920 pieces per hour and 15360 per 8 hour shift. Hydraulic pressure moulding keeps the press stable at that rate, and the electrical package is specified around Omron or Schneider switches with Siemens or ABB motors so the line runs with a low failure rate on continuous shifts.

Key Benefits

- 1920 hollow blocks per hour, 15360 per 8 hour shift
- 7200 standard bricks per hour at 230 x 110 x 70 mm
- 90 kN vibration force at 2500 to 4000 times per minute
- Omron or Schneider switches with Siemens or ABB motors
- 960 x 870 mm pallet carrying eight blocks per cycle

Technical Parameters

Machine overall size	9400 x 2660 x 2880 mm
Power	40.5 KW
Vibration force	90 KN
Moulding cycle	15-20 s
Vibration frequency	2500-4000 times/min
Pallet size	960 x 870 mm
Control switches	Omron or Schneider
Main motor	Siemens or ABB

Production Capacity

Block size (mm)	Pcs per mould	Pcs per hour	Pcs per 8 hours
400 x 200 x 200	8	1920	15360
230 x 110 x 70	30	7200	57600
200 x 100 x 60	28	5040	40320

Capacity is indicative. Actual output varies with operator efficiency, mould and raw material quality.

Who It Is For

- Plants whose order book already exceeds 12000 blocks a shift
- Producers supplying both walling and paving in volume
- Buyers who want branded electrical components for uptime rather than list price

Use Guide

- Size the batching plant to keep a 15 to 20 second cycle fed without waiting
- Plan pallet stock around eight blocks per cycle and the curing time of your mix
- Keep spare vibration box bearings and hydraulic valves on site for a continuous line
- Log cycle times daily: a creeping cycle is the first sign of a hydraulic problem

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<https://www.chinabrickmate.com/products/qt8-15-automatic-hollow-block-making-machine.html>