

QT6-15 Medium Large Scale Cement Brick Machine

Hydraulic automatic press moulding six hollow blocks per cycle at 40.5 kW, for plants moving into medium large scale output.

QT6-15
BLOCK MACHINE



Overview

The QT6-15 is the middle of the fully automatic range. Hydraulic pressure moulding keeps the press stable and efficient, so blocks come out denser and stronger than a mechanical press can manage, and the 900 x 700 mm pallet carries six hollow blocks per cycle - 1440 pieces per hour, 11520 per 8 hour shift. Moulds are wire cut and carburised to hold block dimensions over a long production life.

Key Benefits

- 1440 hollow blocks per hour, 11520 per 8 hour shift
- 5520 standard bricks per hour at 230 x 110 x 70 mm
- Hydraulic pressure moulding for higher block density and strength
- Precise wire cut and carburised moulds that hold dimensional accuracy
- 900 x 700 mm pallet, six blocks per cycle, 15 to 20 second cycle

Technical Parameters

Machine overall size	7100 x 1600 x 2610 mm
Power	40.5 KW
Vibration force	50-70 KN
Moulding cycle	15-20 s
Vibration frequency	4600 times/min
Pallet size	900 x 700 mm
Moulding system	Hydraulic pressure moulding

Production Capacity

Block size (mm)	Pcs per mould	Pcs per hour	Pcs per 8 hours
400 x 200 x 200	6	1440	11520
230 x 110 x 70	23	5520	44160

Block size (mm)	Pcs per mould	Pcs per hour	Pcs per 8 hours
200 x 100 x 60	15	2700	21600

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

Who It Is For

- Producers who have outgrown a 5000 block shift
- Plants where two smaller machines cost more in labour than one automatic line
- Buyers who need curbstone and paver capability on the same machine

Use Guide

- Lay the plant out so the wheel loader can feed the batching system without crossing the pallet route
- Keep mould changeover to a planned slot rather than mid-shift
- Record vibration settings for each mould so the same block is repeatable
- Inspect the mould faces for carburised surface wear at regular intervals

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<https://www.chinabrickmate.com/products/qt6-15-medium-large-scale-cement-brick-machine.html>