

QT40-2 Manual Cement Block Machine

Entry level manual block machine that presses hollow blocks, solid bricks and pavers with three workers and no site installation.



Overview

The QT40-2 is the smallest press in the BRICKMATE range and the usual starting point for a new block yard. It ships as a complete set with a JD350 pan mixer, one block trolley and 600 pallets, so the only site work is connecting power. Changing the mould changes the product: hollow blocks, solid bricks and paver bricks all come off the same 8.8 kW press. Three workers run it - one feeding the mixer, one on the machine, one moving finished blocks to the curing area.

Key Benefits

- Complete starter set: QT40-2 press, JD350 pan mixer and two trolleys quoted together at 3500 USD on the source specification
- No installation engineer needed on site; production starts once power is connected
- One press covers hollow blocks, solid bricks and paver bricks by swapping the mould
- Three workers cover the whole cycle, so labour cost per thousand blocks stays low
- 1.8 t machine weight keeps freight and foundation work down

Technical Parameters

Overall size	1350 x 1460 x 1500 mm
Host machine power	8.8 KW
Production cycle	40 s
Vibration force	30 KN
Pallet size	850 x 450 x 20 mm
Pallet quantity supplied	600 pcs
Mixer model	JD350, 7.5 KW
Machine weight	1.8 T

Voltage	Built to local supply
Operators required	3

Production Capacity

Block size (mm)	Pcs per mould	Pcs per hour	Pcs per 8 hours
400 x 150 x 200	5	360-450	2880-3600
400 x 200 x 200	4	280-360	2240-2800
400 x 100 x 200	7	504-630	4032-5040
400 x 250 x 200	3	216-270	1728-2160
240 x 115 x 52	18	1296-1620	10368-12960

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

Supplied Equipment

Item	Function	Qty	Power
JD350 pan mixer	Mixes cement, sand and stone dust	1 set	7.5 KW
QT40-2 block machine	Presses hollow, solid and paver blocks; mould and motor voltage built to order	1 set	8.8 KW
Block trolley	Moves finished blocks off the press	1 set	-
Pallet	Holds blocks during curing; PVC, wood, GMT or bamboo	600 pcs	-

Who It Is For

- Contractors who currently buy blocks and want to make their own
- Small block yards with a three-person crew
- Buyers with limited three-phase power and a small covered area

Use Guide

- Connect the machine to the local three-phase supply; no foundation bolts or commissioning engineer are required
- Load the JD350 with cement, sand and stone dust and mix until the batch is even
- Place a pallet, press the block, and move the loaded pallet to the curing area on the trolley
- Keep the 600 pallets in rotation so each batch cures before the pallet is reused

Enquiries: WhatsApp +86-18596382119 or lybrickmate@foxmail.com. Full page:
<https://www.chinabrickmate.com/products/qt40-2-manual-cement-block-machine.html>