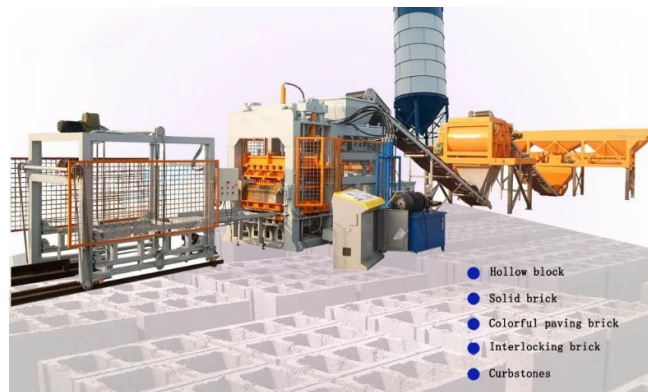


QT12-15 Full Automatic Concrete Block Production Line

Largest line in the range: twelve blocks per cycle, 102 kN vibration and 96000 standard bricks per 8 hour shift.



Overview

The QT12-15 runs the whole line automatically, from pallet feed through moulding to discharge. Twelve hollow blocks are moulded per cycle on a 1380 x 880 mm pallet at 102 kN, giving 2880 pieces per hour and 23040 per 8 hour shift, with up to 96000 standard bricks a shift on the smaller mould. Moulds are heat treated and carburised to 54-58 HRC and rated for more than 100 thousand cycles, and the electrical package is Siemens or ABB motors with an original Japan Mitsubishi PLC.

Key Benefits

- 2880 hollow blocks per hour, 23040 per 8 hour shift
- Up to 12000 standard bricks per hour at 230 x 110 x 70 mm
- 102 kN vibration force, the highest in the published range
- Moulds heat treated and carburised to 54-58 HRC for more than 100000 cycles
- Germany Siemens or ABB host motor with an original Japan Mitsubishi PLC

Technical Parameters

Machine overall size	9400 x 3060 x 2980 mm
Power	52 KW
Vibration force	102 KN
Moulding cycle	15-20 s
Vibration frequency	2500-4000 times/min
Pallet size	1380 x 880 mm
Host machine motor	Germany Siemens or ABB
PLC	Original Japan Mitsubishi
Switches	France Schneider and Japan Omron
Mould hardness	54-58 HRC, rated over 100000 cycles
Material standard	Selected to international CE standard

Production Capacity

Block size (mm)	Pcs per mould	Pcs per hour	Pcs per 8 hours
400 x 200 x 200	12	2880	23040
230 x 110 x 70	50	12000	96000
200 x 100 x 60	44	7920	63360
225 x 112.5 x 80	30	5400	43200

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

Who It Is For

- Established producers scaling to industrial volume
- Groups consolidating several small plants into one line
- Buyers whose specification calls for CE standard material selection

Use Guide

- Match the batching plant output to a 15 to 20 second cycle before commissioning
- Keep a mould log: at 54-58 HRC and over 100000 cycles, replacement should be planned rather than reactive
- Train at least two operators on the Mitsubishi PLC screens so a shift is never dependent on one person
- Keep the pallet stock in rotation and flip pallets to use both faces

Enquiries: WhatsApp +86-18596382119 or lybrickmate@foxmail.com. Full page:
<https://www.chinabrickmate.com/products/qt12-15-full-automatic-concrete-block-production-line.html>