

HB14 BLOCKMAKING SYSTEM

FOR CONCRETE BLOCKS, BRICKS, MAXIS AND PAVERS

The Birkenmayer HB14 Blockmaking System has been designed to offer the highest standard in brick- and blockmaking technology. These machines feature impressive output capacities, ease of operation, a tough frame design, and vibration technology in line with international standards.

Blockmaking machines are also available with a secondary feed unit for coloured topping of pavers; this eliminates the need for colouring throughout, resulting in substantial savings in pigment costs.



PRODUCTION PROCESS

1. Aggregates measured volumetrically and transported to mixer
2. Aggregates, cement and water mixed in mixer
3. Concrete transported to HB14 feed hopper (Mould-box filled with mix and product vibrated onto pallets)
4. Wet product on wooden pallets, stacked overnight
5. Semi-cured product removed from pallet to final curing area
6. Wooden pallets stacked for re-use in the machine

Birkenmayer

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FEATURES

- Machine design - sturdy and compact
- Machine type - static, producing onto wooden pallets
- Vibrator - twin shaft, creating high-strength, dense products
- Tamper locking / release - hydraulically controlled
- Mould up / down - movements electrically driven
- Roller conveyor - for product out feed on wooden pallets
- Site installation - simple, following instructions supplied

PRODUCT TYPE	WIDTH	LENGTH	HEIGHT	QUANTITY/ DROP	OUTPUT* UNITS/HOUR
HOLLOW BLOCKS					
MB 90	90	390	190	4	480
MB 140	140	390	190	3	360
MB 190	190	390	190	2	240
BRICKS					
Stock Bricks	106	220	73	14	1340
Maxi Bricks	140	290	90	5	680
Slabs (Split into 8 x rockface bricks)	212	440	73	2	240
PAVERS					
Interlocking	100	200	60/80	10	1260
Rectangular	100	200	60	10	1260

**To be used as a guide only*

HB14 BLOCKMACHINE



Pallet Size	Product Height	Vibrator Motor	Mould/Tamper Lifting	Overall Height	Overall Width	Mass
600 x 480mm	200mm	2,2kW	1,5kW (brake)	2000/2500mm	1050mm	650kg

TM350 MIXER



Dry Filling	Concrete Output	Mixing Star	Pan	Pan Height	Mass
300ℓ	5m³/hr	5,5kW/380V	Stationary	600mm	500kg

