

VB4 / VB4X



PMSA block making machines are for the manufacture of concrete bricks, blocks and paving. The machines are manufactured to heavy-duty standards to ensure long life, high performance and the manufacture of quality products.

Features:

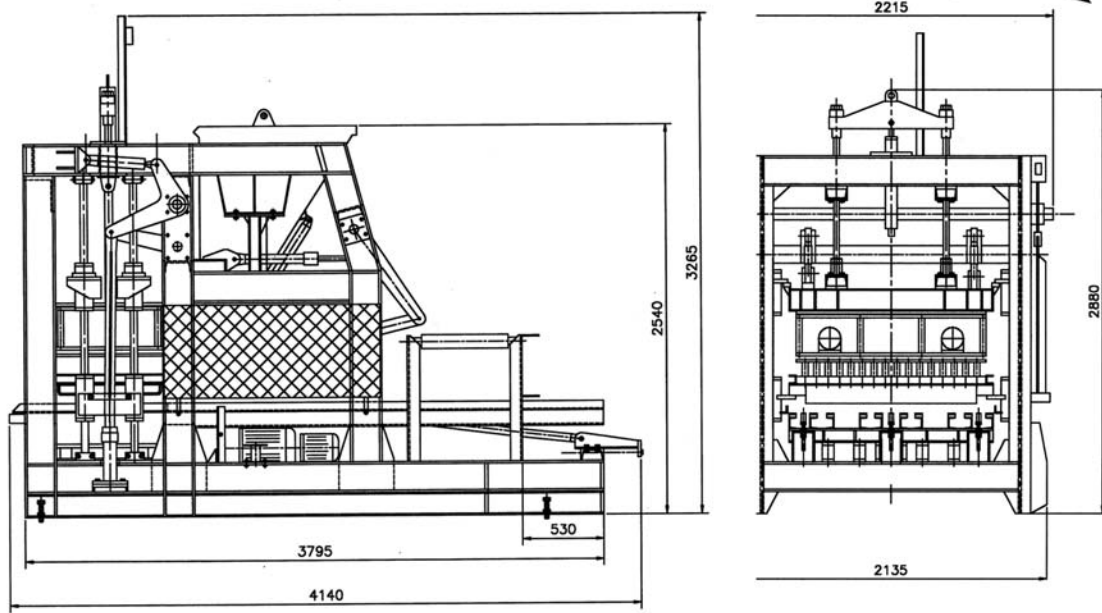
- 30mm hard-wearing pins are secured by locking plates and fitted to M30 self-aligning swivel bearings for trouble-free, long-life operation
- Hard-chromed columns and split vesco-nylon bushes for easy replacement and maximum wear resistance
- Heavy-duty balancing shaft to keep the machine tamper perfectly aligned
- Machine tamper and vibrator tables are precision ground
- The two 7,5kW single shaft vibrators are mounted on a single vibration table for vertical directional vibration
- Hard-wearing mould boxes and tampers are precision made to customer specifications
- Fully automatic operation with variable frequency vibration
- Complete with hydraulic and electronic control panels
- Supplied with P1000 or P1500 counter current pan mixer
- Semi- or fully automatic weigh batching, pallet and product handling systems
- Production capacity of 130 000 bricks or 70 000 pavers or 1 500 pallets of hollow blocks per 9-hour shift (depending on product size)
- Electronic PLC control allows for change of pre-vibration, change of feed box movement, number of feed strokes and number of pre-vibrations, while the machine is in operation. This means instant adaptation to changing moisture contents and aggregate consistency without stopping the machine

Turnkey operations:

PMSA provides turnkey operations for complete concrete block plants to suit customer requirements – from manual chain conveyor and gantry systems to fully automatic handling plants with pallet stackers, de-stackers, curing chambers and product packer heads.



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Machine Specifications	VB4	VB4X
Width	2 215mm	2 215mm
Height	2 880mm	2 880mm
Length	4 140mm	4 455mm
Pallet size	1 400 x 760 x 40/45mm	1 400 x 840 x 40/45mm
Tamper vibrators	2 x 900W	2 x 900W
Dynamic braking	VSD	VSD
Hydraulic pump	37kW	37kW
Vibrators	2 x 7,5kW	2 x 7,5kW
Weight	7 500kg	8 500kg

Production Schedule:	Approximate production per 9-hour shift: (with skilled workers)	
No. of products per pallet	VB4 Up to:	VB4X Up to:
220 x 70 x 105mm	(48 – 54 standard bricks) 96 000 – 108 000	(48 – 60 standard bricks) 96 000 – 120 000
200 x 100mm	(36 interlock pavers or chamfer pavers) 64 800	(42 interlock pavers or chamfer pavers) 75 600
390 x 190 x 140mm	(8 hollow blocks) 10 400	(16 hollow blocks) 20 800
450 x 228 x 152mm	(8 hollow blocks) 10 400	(8 hollow blocks) 10 400

NOTE: All equipment is manufactured by PMSA in South Africa. All work carries a 6-month guarantee against faulty material and workmanship. Our professional and experienced technical support team will provide you with the assistance you require; a comprehensive spare parts facility enables immediate dispatch worldwide.