

# VB1 / VB1X



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 high quality products.

## Features:

- Electro-hydraulic controls are remote, away from the machine for trouble-free operation
- Tamper and mould slide on four heavy hard-chromed vertical shafts with easily replaced split bushes
- High energy double-shaft directional vibrator with maintenance-free dynamic brake
- Electro-hydraulic operation of tamper, mould box and feed drawer, automatically filling the mould from the overhead silo
- Automatic hydraulic pallet feeder; feeds pallets from the magazine to moulding head and ejects them onto the take-off conveyor
- Time controlled pre- and final vibration
- Automatic vibrator stop and braking upon reaching pre-set product height/vibration
- Easily exchangeable moulds (large range available)
- Optional tamper vibration

## Options:

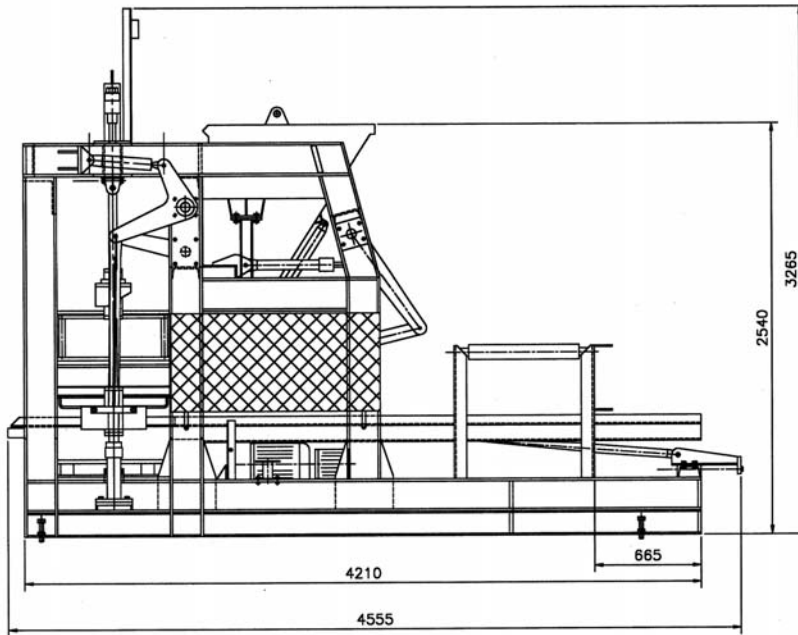
- Fully automatic control with PLC programming display and variable displacement hydraulic pump
- Top feed / secondary feed for colouring the tops of bricks



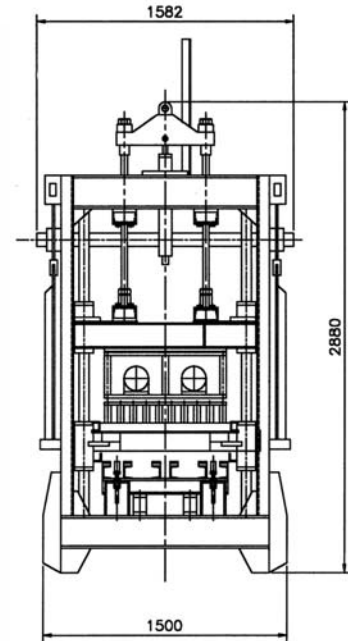
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Side View



Front View



	MODEL: VB 1	MODEL: VB 1X
Width (O/A)	1600	1600
Height (O/A)	2880	2880
Length (O/A)	4600	4750
Weight (kg. approx)	3500	3600
Main vibrator	7.5kW	7.5kW
Cooling fan motor	1.5kW	1.5kW
Tamper vibrator (optional)	2 x 900 Watt	2 x 900 Watt
Pump motor	11.0kW	11.0kW
Pallet size	760 x 760mm	840 x 760mm
Pallet thickness	32 - 38mm	32 - 38mm
Pallet Feed (Hydraulic) pallets/min	2 - 5	2 - 5
Hydraulic press system MPa	7 - 13	7 - 13
Control panel	Manual/Auto	Manual/Auto

Production Schedule:	Approximate production per 9-hour shift: (with skilled workers)	
	VB1	VB1X
No. of products per pallet	Up to	Up to
390 x 190 x 90 Blocks (6/12 per pallet)	6000 - 7200	12000 - 14400
390 x 190 x 140 Blocks (4/8 per pallet)	4000 - 4800	8000 - 9600
390 x 190 x 190 Blocks (3/6 per pallet)	3000 - 3600	6000 - 7200
200 x 100 Rect. Pavers (18/21 per pallet)	21000 - 25000	25000 - 30000
220 x 70 x 108 Bricks (27/30 per pallet)	40000 - 50000	45000 - 60000
250 x 120 x 65 Bricks (18/27 per pallet)	25000 - 35000	37500 - 52500

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.