



Concrete Equipment
Solutions and Technology

UNI STATIC

Brick, Block and Paver Making Machine

TECHNICAL SPECIFICATION SHEET:

The UNI STATIC is designed to consistently produce high-quality bricks, pavers, hollow blocks, decking blocks, retaining wall blocks and garden kerbs. The PMSA UNI STATIC is reliable and **Built to Last**® owing to its robust design. Due to the high productivity, technology and life span of the UNI STATIC, it can produce quality products with low production costs for decades.



FEATURES AND BENEFITS

The UNI STATIC is **Built to Last**®, ensuring longevity. This machine is reliable and requires minimal maintenance. It is ideal for those wishing to start a brick, block and paver making business. Features of the UNI STATIC include:

- Robust design, requiring minimal maintenance and offering low wear and tear.
- Extra heavy-duty, distortion-free frame ensures products are manufactured to specification and their dimensions are always accurate.
- Heavy-duty 4 column design with easily replaceable vesconite bushes that do not require greasing resulting in easy maintenance.
- 1.5 kW, 400 V, 3-phase, high speed, twin-shaft vibrator for powerful vertical directional vibration for improved product compaction, strength and consistency.
- Vibrating table with replaceable wear strips on two stabiliser bars, ensuring high dimensional accuracy.
- Split machine frame to facilitate manual loading.
- Four mould-guide columns ensure moulds are evenly stripped.
- Easily interchangeable moulds allow for various sizes of bricks, blocks and pavers to be produced.
- Locking rods for the precise stripping of high products.
- Tamper brush for the cleaning of tamper shoes.
- The control panel has an isolator switch for safety.
- Adjustable pre-vibration timer and main vibration push button control to ensure consistent compaction and product height.
- Production board size 610 mm x 530 mm is light enough to be handled manually.

OPTIONS AND UPGRADES:

Build your plant with various available options:

UNI STATIC MACHINE OPTIONS

- An electrical or diesel model is available.

MIXING OPTIONS

- Volumetric mixing and feeding by hand.
- V200 turbine pan mixer.

PRODUCTION BOARD AND PRODUCT HANDLING OPTIONS

- 3 m roller conveyer.

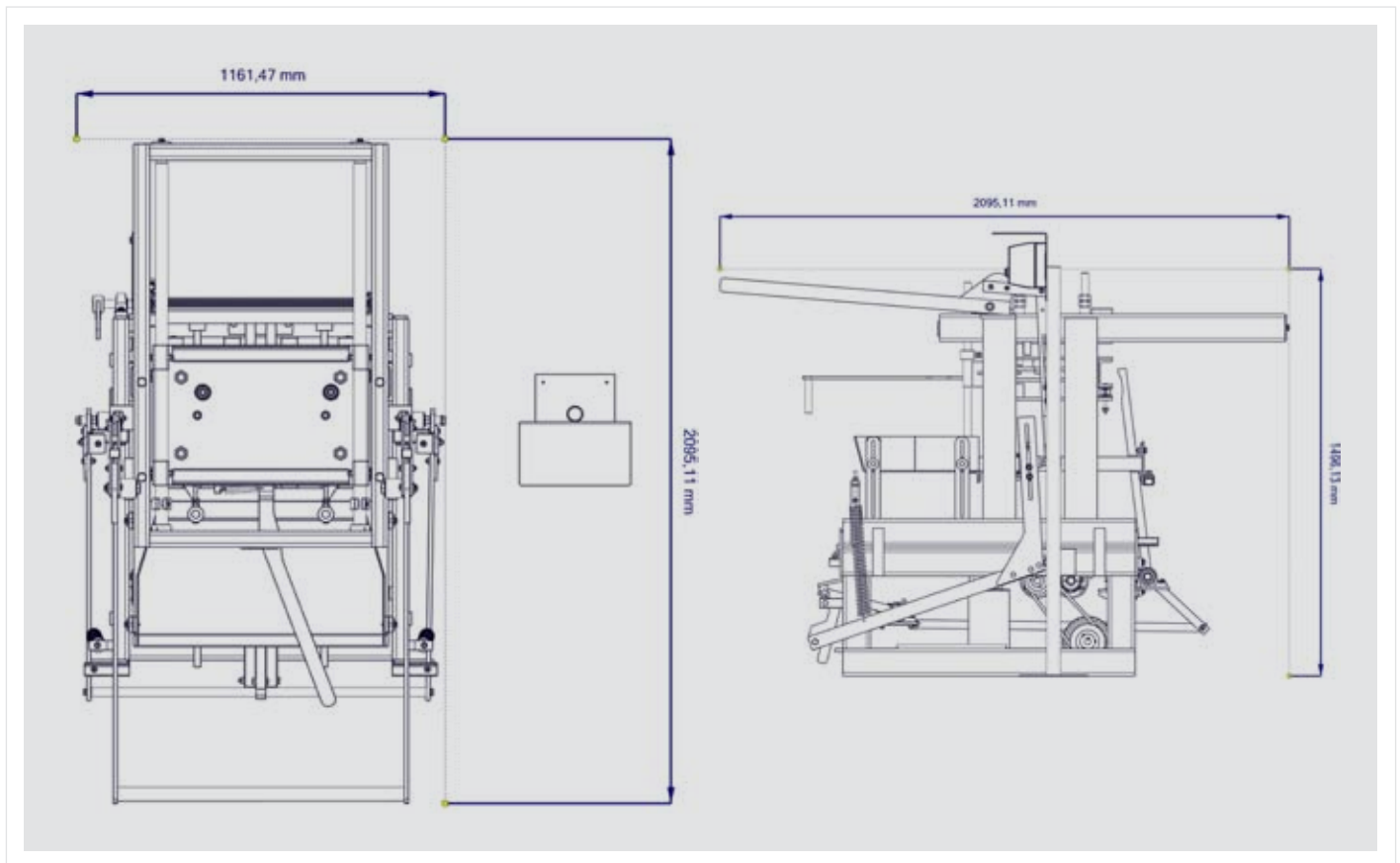
TECHNICAL DATA:

Machine Specifications:	MODEL UNI STATIC
Width	1 000 mm
Height	2 023 mm
Length	2 045 mm
Weight	650 kg
Vibrator drive motor	1.5 kW
Production board size	610 mm x 530 mm
Production board thickness	18 mm or 21 mm
Optional	Diesel drive

PRODUCTION CAPACITY:

We design and produce a full range of standard and customised moulds to suit customer requirements.

No. of products per drop	Approx. production per 9-hour shift (with experienced production staff, V200 pan mixer, dependant on materials, based on 85% production efficiency)
14 standard bricks (210 x 70 x 105 mm)	11 200
10 interlocking or rectangular pavers (200 x 100 x 50/60/80 mm)	8 000
8 maxi bricks (290 x 90 x 140 mm solid)	5 400
5 hollow blocks (390 x 190 x 90 mm)	2 500
4 hollow blocks (390 x 190 x 140 mm - M150)	2 000
3 hollow blocks (390 x 190 x 190 mm - M200)	1 500
5 hollow blocks (450 x 228 x 114 mm - 4 ½" Imperial)	2 500
3 hollow blocks (450 x 228 x 152 mm - 6" Imperial)	1 500
2 hollow blocks (450 x 228 x 228 mm - 9" Imperial)	1 000



Manufactured by PMSA in South Africa. Our professional and experienced technical support team will provide you with the assistance you require. Our comprehensive spare parts facility enables us to provide immediate dispatch globally. E&OE. [Rev_2_2021]

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