



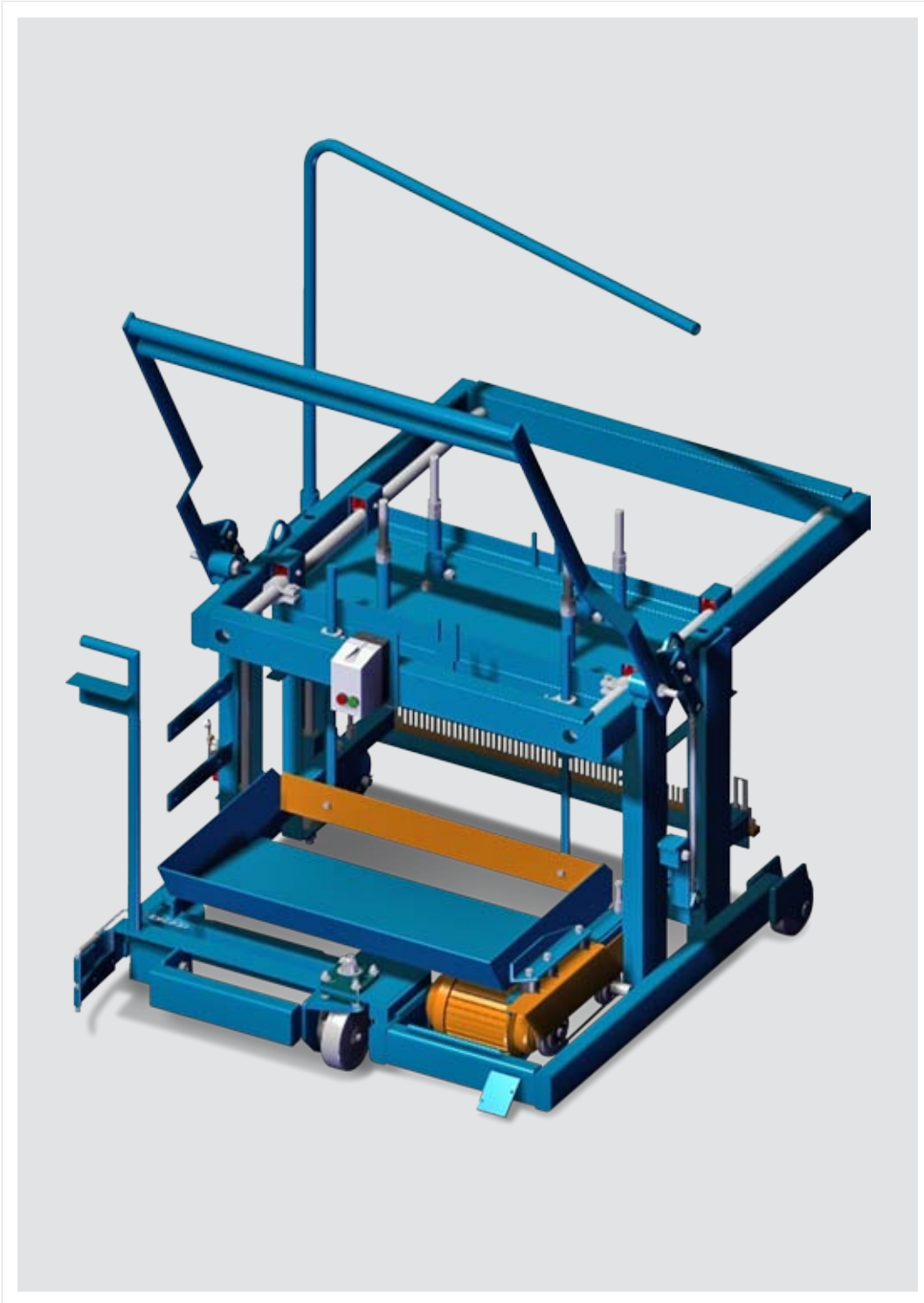
Concrete Equipment
Solutions and Technology

PK300-ECO

Brick and Block Making Machine

TECHNICAL SPECIFICATION SHEET:

PMSA's PK300-ECO floor-laying brick and block making machine is a small capacity, cost-effective solution for setting up a brick and block business. This machine has been developed as an entry level machine with a simple push button vibration control without a timer for pre-vibration and main vibration. With easily interchangeable moulds, it can also produce various products, excluding paving products. Its powerful, adjustable vibrator ensures good product compaction, strength and consistency.



PRODUCTIVITY

PMSA customers have found the PK300-ECO is capable of exceeding production capacities. The design of the PK300-ECO allows for dependable output every day.

It is capable of producing 16 800 bricks, 6 000 maxi bricks or 2 400 hollow blocks (140 mm width) per 9-hour production shift when using 4 production and product-handling staff.

FEATURES AND BENEFITS

The PK300-ECO is **Built to Last**[®], ensuring longevity. This machine is reliable and requires minimal maintenance. It is ideal for those wishing to start a brick and block business. Features of the PK300-ECO include:

- Its heavy-duty, distortion-free frame ensures products are manufactured to specification and their dimensions are always accurate.
- 4 mould-guide columns ensure moulds are stripped evenly.
- Powerful, adjustable vibrator for improved product compaction, strength and consistency.
- Easily interchangeable moulds enable various sizes of block and bricks to be produced.
- Push button pre-vibration and main vibration push button control to ensure consistent compaction and product height.

OPTIONS AND UPGRADES:

Build your plant with various available options: The PK300-ECO plant configuration starts as a manually-operated machine.

MIXING OPTIONS:

- Aggregate mixing.
- Volumetric mixing and feeding by hand.
- V200 or V300 turbine pan mixer.

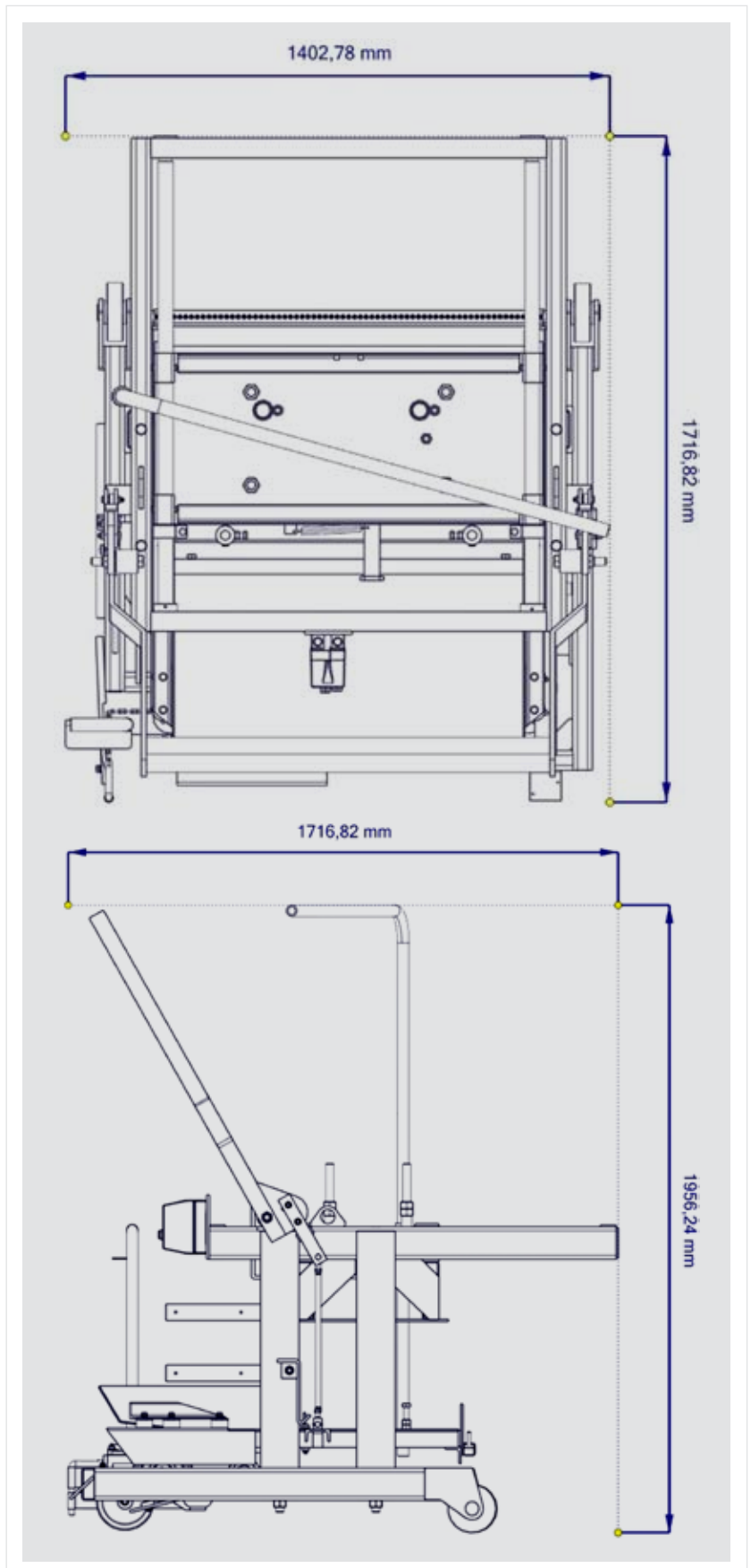
TECHNICAL DATA:

Machine Specifications:	MODEL PK300-ECO
Width	1 420 mm
Height	1 050 mm
Length	1 800 mm
Weight	460 kg

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, V300 pan mixer, dependant on materials, based on 85% production efficiency)
42 standard bricks – on end (210 x 70 x 105 mm)	16 800
15 maxi bricks (290 x 90 x 140 mm solid)	6 000
9 hollow blocks (390 x 190 x 90 mm)	3 600
6 hollow blocks (390 x 190 x 140 mm – M150)	2 400
4 hollow blocks (390 x 190 x 190 mm – M200)	1 600
7 hollow blocks (450 x 228 x 114 mm – 4 ½" Imperial)	2 800
5 hollow blocks (450 x 228 x 152 mm – 6" Imperial)	2 000
3 hollow blocks (450 x 228 x 228 mm – 9" Imperial)	1 200



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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