



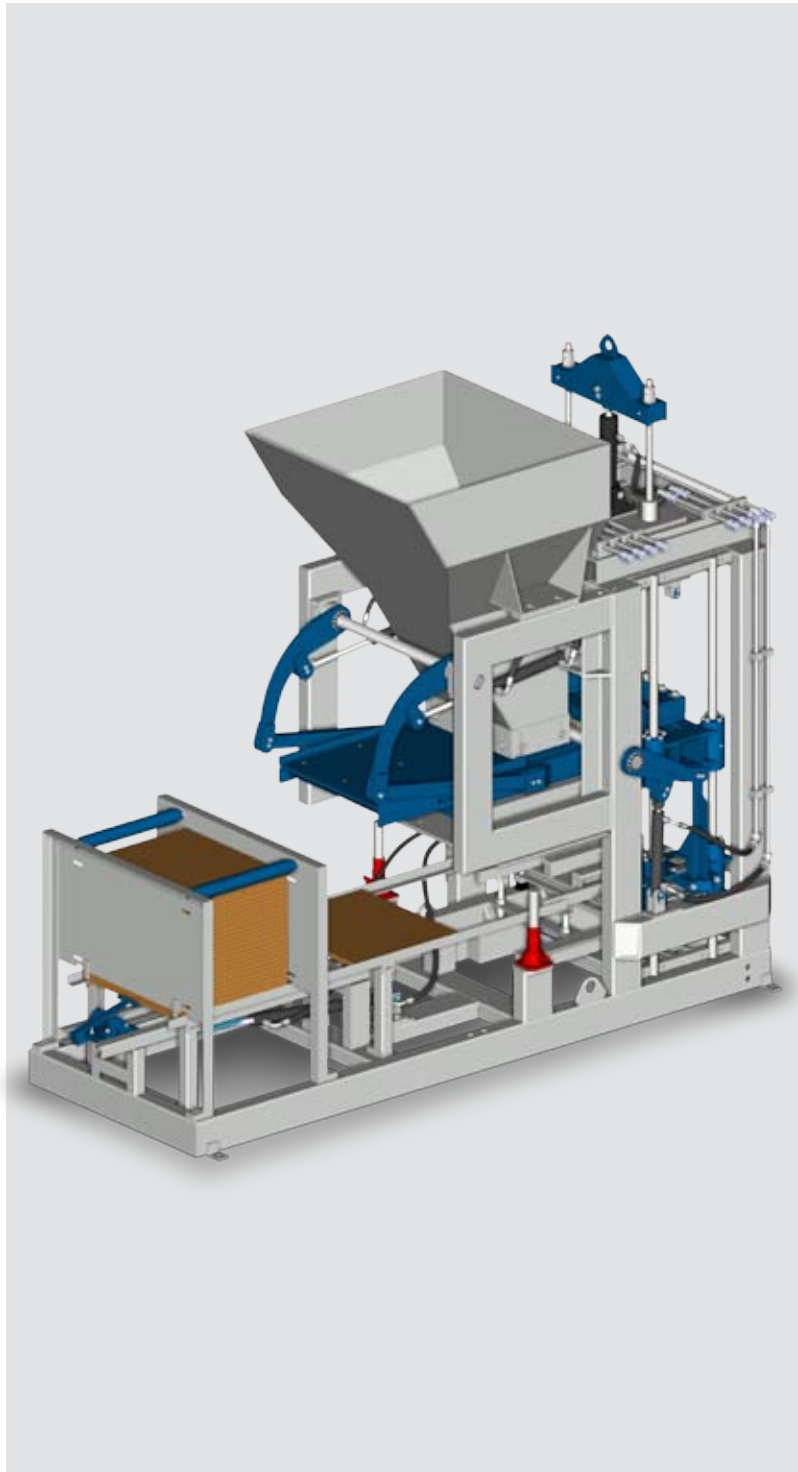
Concrete Equipment
Solutions and Technology

RE600

Brick, Block and Paver Making Machine

TECHNICAL SPECIFICATION SHEET:

The PMSA RE600 brick, block and paver making machine is a top-class medium-capacity machine. It is designed to consistently produce high-quality bricks, pavers, hollow blocks, decking blocks, retaining wall blocks and garden kerbs. The PMSA RE600 is reliable and Built to Last® owing to its robust design.



Due to the high productivity, technology and life span of the RE600, it can produce quality products with low production costs for decades.

PRODUCTIVITY

PMSA customers have found the RE600 is capable of exceeding production capacities. The technology used in the RE600 allows for dependable output every day.

It can produce 28 000 bricks, 18 000 pavers, 16 000 maxi bricks or 6 000 hollow blocks (140 mm width) per 9-hour shift on a 530 mm x 610 mm wood or composite production board. Depending on configuration and plant options, a plant can be operated with 12 production and product handling staff.

FEATURES AND BENEFITS

- 2,2 kW Twin shaft vibrator.
- 7,5 kW Hydraulic mould, tamper, feeder-box and pallet-feeder operation.
- Overhead concrete silo.
- Adjustable cams for automatic filling of the feeder-box.
- 26 cc Hydraulic pump and separate power pack.
- Control panel with pre-vibration over time and main vibration over time or upon reaching product height.
- Dynamic braking and stand-alone electrical control panel complete.
- Pallet size: 530 x 610 x 21 mm

OPTIONS AND UPGRADES:

BUILD YOUR PLANT WITH VARIOUS OPTIONS:

The RE600 plant configurations starts as a Econopac which includes a PMSA V300 turbine pan mixer with loaderskip (manually loaded by wheelbarrow), water meter assembly, stand and platform with access ladder and a 3-metre roller

conveyor for wet product and production board handling.

The RE600 is upgradable with various options for automation, batching, product handling and topping feed.

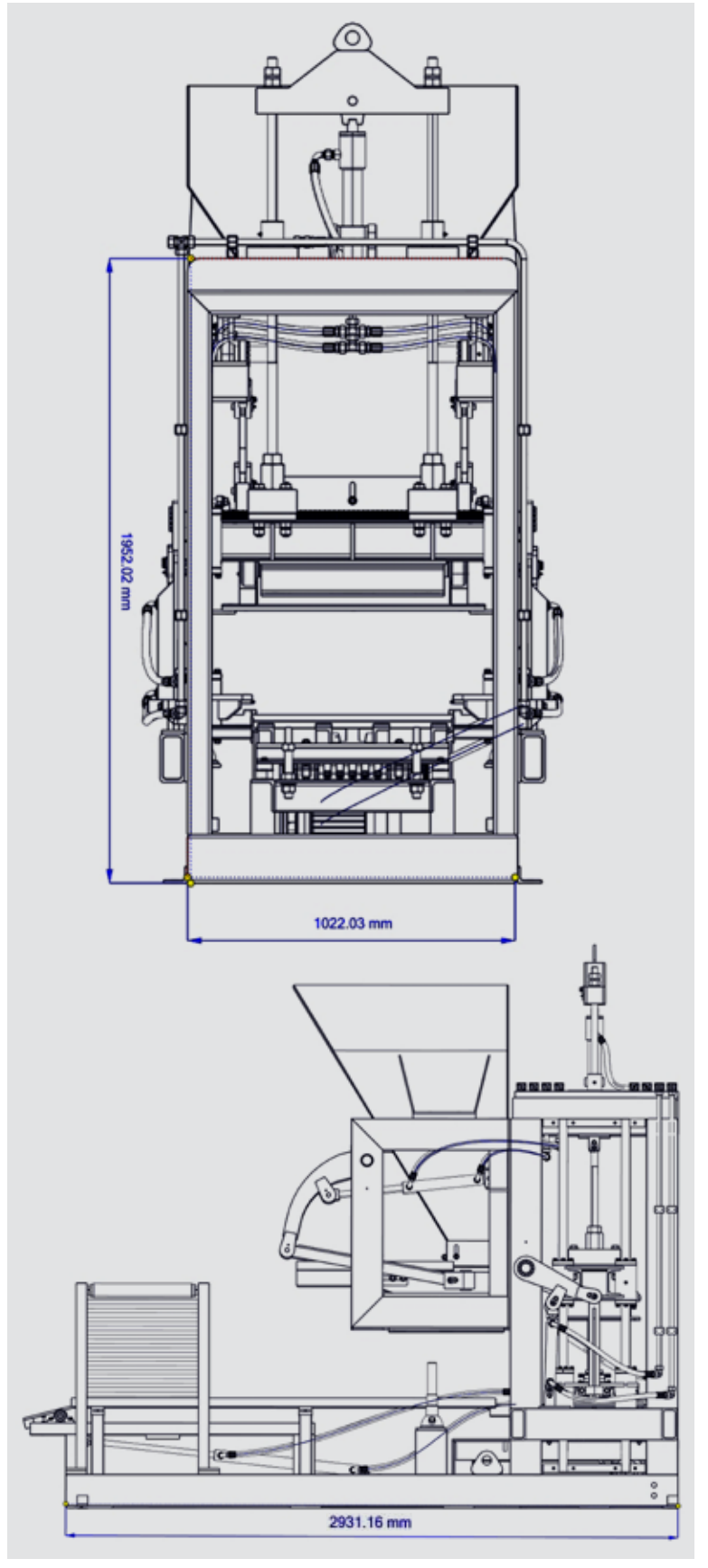
TECHNICAL DATA:

| Machine Specifications: | Model RE600 |
|--|------------------------------------|
| Width | 1 100 mm |
| Height | 2 350 mm |
| Length (without topping feed) | 2 900 mm |
| Weight (without topping feed) | 2 314 kg (excluding power pack) |
| Vibrator drive motor | 2.2 kW |
| Hydraulic power pack pump motor | 7.5 kW |
| Production board size | 530 mm x 610 mm |
| Production board thickness (depending on production board type) | 18/21 mm |
| Control panel options | Manual or Automatic |

PRODUCTION CAPACITY:

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

| No. of products per production board | Approx. production per 9-hour shift (With experienced production staff and V300 turbine pan mixer) |
|--|---|
| 14 standard bricks (210 x 70 x 105 mm) | 28 000 |
| 10 interlocking or rectangular pavers (200 x 100 x 50/60/80 mm) | 18 000 |
| 8 maxi bricks (290 x 90 x 140 mm solid) | 16 000 |
| 5 hollow blocks (390 x 190 x 90 mm) | 7 500 |
| 4 hollow blocks (390 x 190 x 140 mm) | 6 000 |
| 3 hollow blocks (390 x 190 x 190 mm) | 4 500 |
| 5 hollow blocks (450 x 228 x 114 mm - 4 ½" Imperial) | 7 500 |
| 3 hollow blocks (450 x 228 x 152 mm - 6" Imperial) | 4 500 |
| 2 hollow blocks (450 x 228 x 228 mm - 9" Imperial) | 3 000 |



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_3_2023]

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