



Concrete Equipment  
Solutions and Technology

# P1500

Counter-Current Rapid Pan Mixer

## TECHNICAL SPECIFICATION SHEET:

### SUMMARY

The PMSA P1500 counter-current rapid pan mixer has a maximum dry filling capacity of up to 1 500 litres or 2 400 kg. It has been designed for the specialised mixing of wet and dry concrete, refractory materials, powders, plasters, shotcrete, fibre concrete and foundry materials.

The P1500 robust rapid counter-current pan mixer is **Built to Last**<sup>®</sup> with heavy-duty, twin 15 kW mixing stars turning clockwise and counter clockwise and a powerful 11 kW geared motor pan drive in a dust-proof enclosed design.

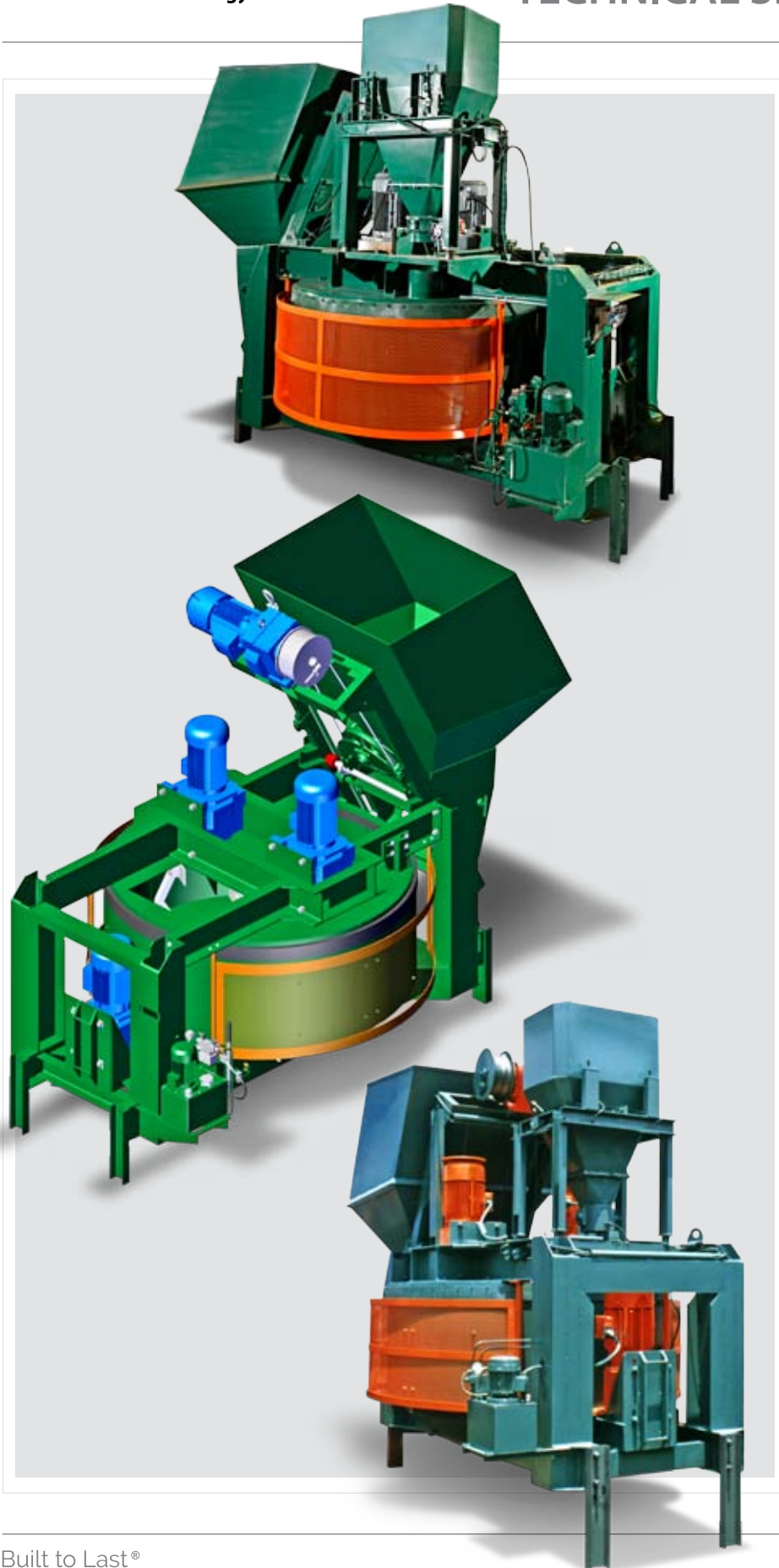
The P1500 is ideal for PMSA's VB4X and RE1400-LITE brick, block and paver making machines.

### TYPICAL INDUSTRIES AND APPLICATIONS FOR THE P1500 COUNTER-CURRENT PAN MIXER

- Brick, block and paver making plants
- Concrete ready-mix batching plants
- Concrete roof tile plants
- Concrete pipe plants
- Concrete structural elements
- Pre-stressed concrete elements and flooring
- Dry adhesive mixing
- Wet-cast paving products
- Glass industry
- Mixing of powders
- Surface concrete for mining operations
- Fertilizer plants

### FEATURES AND BENEFITS

- Reliable, requiring minimal maintenance, with all mixing parts easily replaceable.
- The pan is carried on a sealed ball-bearing turntable for trouble-free operation.
- The pan is driven by an 11 kW geared motor drive for intensive mixing.
- The central floor discharge is operated by an electro-hydraulic power pack, suitable for automatic operation and remote control.
- Two 4-bladed mixing stars with overhead 15 kW geared motor drives.
- 11 kW loader skip drive with electro-magnetic brake and cable drum.
- The control panel includes upper and lower limit switches, an upper emergency limit switch and a slack-rope sensor.

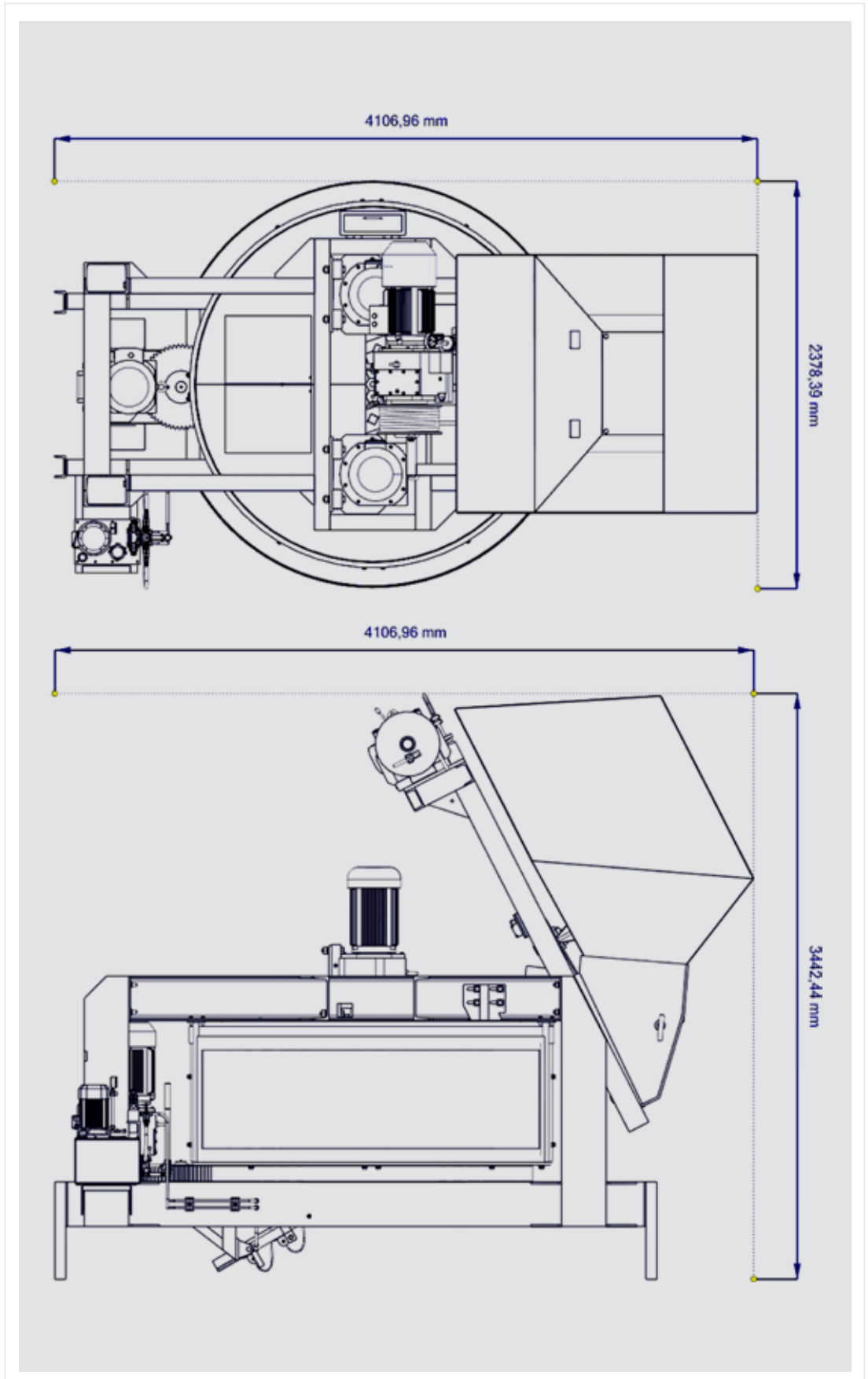


**OPTIONAL ITEMS:**

- With or without loader skip.
- High-speed agitator.
- Tungsten carbide mixing arms and tools.
- Ceramic linings for pan wall and floors.
- Mixer-mounted microwave moisture measuring equipment for automatic control of the water content in the mix.

**TECHNICAL DATA:**

MACHINE SPECIFICATIONS:	
P1500	
PAN DIAMETER:	2 100 mm
PAN WALL HEIGHT:	740 mm
DRY FILLING CAPACITY:	1 500 litres
PAN DRIVE:	11 kW
STAR DRIVE:	2 x 15 kW
MIXER WITH LOADER:	5 600 kg
HOURLY OUTPUT IN CONCRETE (30 CYCLES/HOUR):	30 m <sup>3</sup> /hr
MAXIMUM BATCH WEIGHT:	2 400 kg



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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