



Concrete Equipment  
Solutions and Technology

# CURING CHAMBERS WITH FORKLIFT SYSTEM

Product and Production Board Handling System

## TECHNICAL SPECIFICATION SHEET:

### SUMMARY

PMSA offers a curing solution with forklift system for product and production board handling. This system is manually operated. Curing chambers can be supplied with various curing solutions including a circulation, heating and vapour system. This provides a controlled curing environment for the initial 24-hour curing period and results in better product finishes, higher early strengths and less product damages and waste.

A curing chamber with forklift system is a more effective solution to manual gantry and chain conveyor systems and ideal for RE1400-LITE, VB4X, VB4, VB1X and VB1 plants.

A rack and forklift system is an alternative option, which is available for small and medium plants. Various product off-packing solutions are available to suit this rack and forklift system.

### PRODUCTIVITY

PMSA customers have found the curing chambers with forklift system reduces labour costs and improves turnaround times on their production boards.

**Production performance:** The forklift system allows faster product handling, making the plant more productive for increased profitability. The equipment is ideal for production cycles of up to 11 seconds per cycle.

### TECHNOLOGY

Design features of the forklift system include a 9 stage, single production board stacker and de-stacker, suitable for 2.5-ton forklifts. Precision engineering ensures accurate stacking of production boards in the stacker, allowing for quick transfer into the curing chambers, reducing wear and damage to production boards on entry and exit. The curing system can also be adapted to incorporate the latest curing solutions available from PMSA, including Kraft circulation, vapour and heating system for the best curing performance of concrete products.



## BUILT TO LAST

**Buy once, buy right!** The curing system is **Built to Last**® for decades and operates with minimal hassle and reduced downtime, resulting in the continual reduction of cost-to-capital.

## FEATURES AND BENEFITS

PMSA's curing chambers with forklift system is **Built to Last**® and is ideal for medium to large capacity brick, block and paver plants. Curing chambers are setup to include:

- A stacker and de-stacker that can be incorporated into existing block plants for improved production and easy upgrading.
- 9 stage stacker and de-stacker system allows 9 production boards with products to be stacked ready for transport into curing chambers using a conventional forklift.
- Heavy-link chain and robust engineering on the stacker and de-stacker for increased longevity of the unit.
- Stacker and de-stacker have fewer moving parts, requiring less maintenance of the units.
- A single curing environment allows for consistent product curing and higher strength of end-products.
- Having a compact 9 level curing room results in a reduced footprint of the plant.

## OPTIONS AND UPGRADES

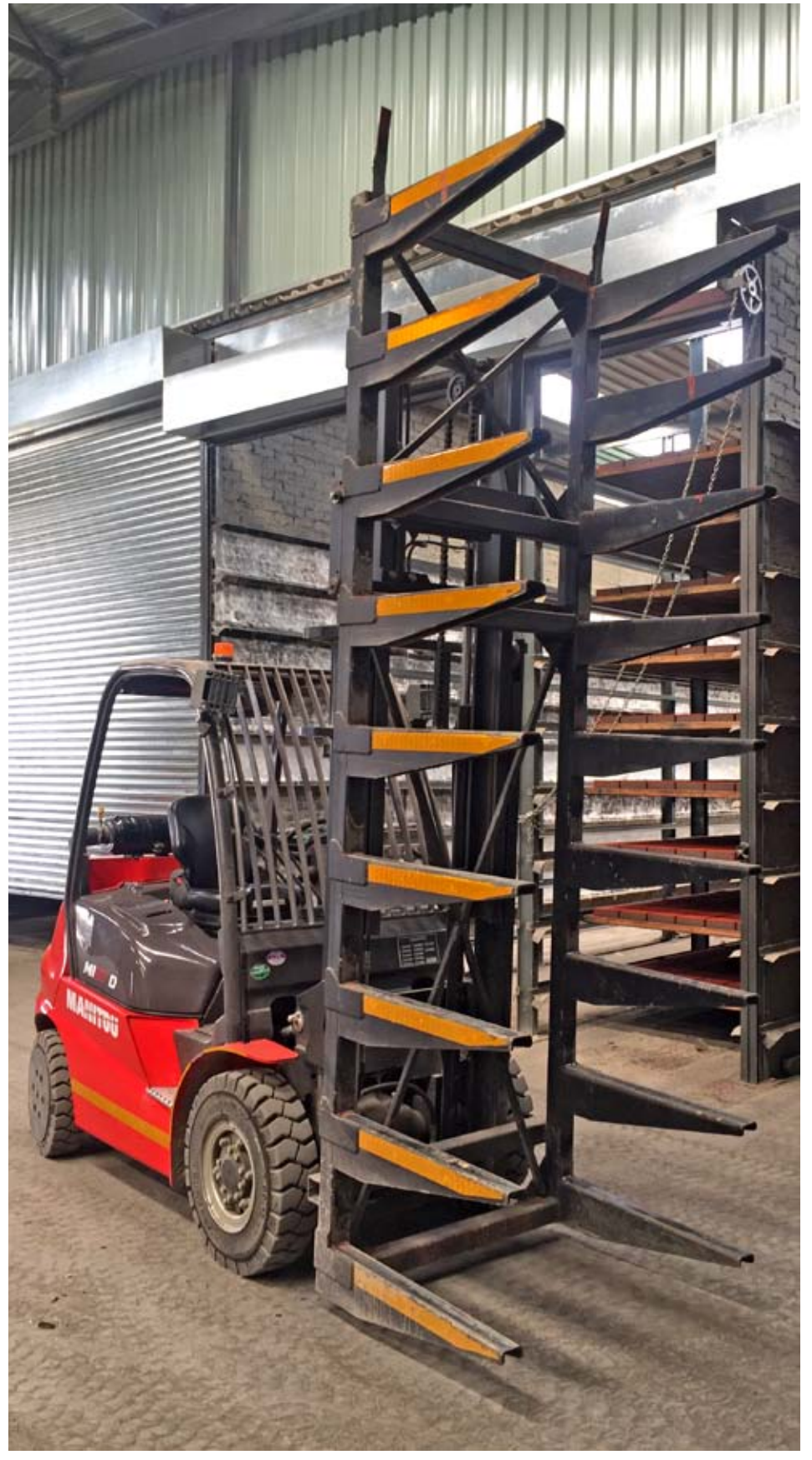
Build your plant with various options

**Various curing solutions are available depending on product requirements:**

- Circulation and heating systems are available for the curing environment to produce consistent end-products.
- Vapour curing for blocks and non-paving products for higher strength end-products.

### Product off-packing systems

- Swing arm pneumatic off-packing system.
- Eco off-packing system.
- Premium off-packing system.
- ULTRA off-packing system.



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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