



**Concrete Equipment
Solutions and Technology**

SELF-LOADING MIXERS

Self-loading All Terrain Concrete Mixers

TECHNICAL SPECIFICATION SHEET:

PMSA supplies a comprehensive range of FIORI self-loading concrete mixers to meet customer requirements. These rugged four-wheel drive self-loading concrete batching vehicles produce high quality concrete, mortar and plaster anywhere and anytime. Our self-loading concrete mixers allow for consistent, accurate and repeated on-site batching and mixing with a low cost of operation on building, construction and civil projects.



FIORI



PMSA has partnered with FIORI, the leaders in self-loading concrete mixers and associated products, and through a dealer network distributes the equipment throughout sub-Saharan Africa.

The FIORI Batch Control (FBC) is optional on all machines and is also available as an after-market kit that will turn your FIORI self-loading concrete mixer into a concrete-mixing system on 4 wheels.

With the FBC, FIORI offers the ability to record and monitor daily production batches, slump control values, and material weighing of aggregate, sand and cement, as well as on-board admixture and water tanks.

By controlling the dosing and mixing processes with the FBC, the FIORI concrete batching vehicle becomes the sole system on wheels that allows you to obtain certified quality concrete.

FEATURES AND BENEFITS

The features and benefits of FIORI self-loading concrete mixers include:

DB RANGE – DB 180:

- 4-wheel drive for all terrain use.
- Double truncated cone-shaped drum with convex bottom and dual-screw mixing system for rapid and high-quality mixing.
- Automatic unloading hatch for optimal material loading and spillage prevention.
- Dual controls that can be activated both from the cabin and the ground.

DB RANGE – DB 260 AND DB 460:

- 4-wheel drive for all terrain use.
- Double truncated cone-shaped drum with convex bottom and dual-screw mixing system for rapid and high-quality mixing.
- Automatic unloading hatch for optimal material loading and spillage prevention.
- Dual controls that can be activated both from the cabin and the ground.
- Driver's seat reversibility and 245° drum rotation that ensures complete visibility so the operator can check the consistency of the mix from the cabin.
- Equipped with a closed cabin fitted with FOPS/ROPS and multi-function joystick, as well as a reversible driver's seat.

DB X RANGE – X10, X25, X35 AND X50:

- Compact design allows for transport in containers reducing shipping costs.
- 4-wheel drive for all terrain use.
- Double truncated cone-shaped drum with convex bottom and dual-screw mixing system for rapid and high-quality mixing.
- Fixed loader with automatic unloading hatch, which facilitates and optimises material loading at the same time, preventing losses when introducing

materials into the drum.

- Standard digital electronic litre counter designed to activate and control the introduction of water into the drum directly from the cabin.

OPTIONAL ITEMS:

- Horizontal cement silos for easy transport of the silo.
- Transit mixers.
- Site dumpers.

TECHNICAL DATA:

DB range	DB 180	DB 260	DB 460
Type	Self-loading rear end	Self-loading rear end	Self-loading rear end
Concrete yield	1.8 m ³	2.5 m ³	4.0 m ³
Drum swiveling	No	245°	245°
Operators' seat	Pivots 180° forward and reverse	Pivots 180° forward and reverse	Pivots 180° forward and reverse
Steering	Articulated chassis	4-wheel steering	4-wheel steering

DB X range	DB X10	DB X25	DB X35	DB X50
Type	Self-loading front end	Self-loading front end	Self-loading front end	Self-loading front end
Concrete yield	1.0 m ³	2.5 m ³	3.5 m ³	5.0 m ³
Drum swiveling	No	No	No	No
Operators' seat	Forward only	Forward only	Forward only	Forward only
Steering	2-wheel steering	2-wheel steering	4-wheel steering	4-wheel steering



Supplied 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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