

Machinery manufacturer to target mining industry

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Manufacturer of concrete block, brick and paving machinery Pan Mixers South Africa (PMSA) will be releasing its latest Fiori DB 560 T concrete 4 x 4 transport delivery system to the South African mining industry in March 2011.

This 5,5-m³ concrete mixer has a 2,9-m low headroom, with a four-wheel-drive system, and three steering mechanisms comprising four-wheel crab steering, front-wheel steering and four-wheel pinch steering.

The production of the concrete mixers started in Europe, and the first two vehicles will be released onto the European market in January 2011, followed by importation to the South African market in March 2011.

"This is a first from Fiori for South Africa," says PMSA director **Walter Ebeling**.

The concrete mixer's development is based on the technology of self-loaded equipment, which enables useful four-wheel-drive ability owing to its hydrostatic drives.

The 5,5-m³ capacity is suitable for the transport of many tons of concrete from the batching plant to the end application.

"A few modifications may need to be done on the imported machines to comply with certain South African mining safety systems, and PMSA is in the process of identifying any changes that may need to be made to comply with South Africa's mining



WALTER EBELING

PMSA's latest product, the Fiori DB 560 T concrete 4 x 4 transport delivery system, will be released in South Africa in March 2011

regulations, if needed," he says.

However, with the concrete mixer's hydrostatic drives, it already complies with part of the stringent safety measures that mines are required to implement, such as ensuring vehicle immobility in the absence of operators.

The concrete mixer is not intended to compete with traditional concrete readymix mixers currently available on the market. With a top speed of 30 km/h and a height of 2,9 m, the machine is better suited for use in the mining industry and on remote job sites and greenfield developments.

"The vehicle will work in many applications but, if its height does not suit the



TECHNOLOGY BASICS

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application, PMSA is looking at options to lower the body, if required," says Ebeling.

"We already supply mixers and batching plants to some of the mines and the companies that support the mines, and we are involved with the mining industry from a concrete mixing perspective. This concrete mixer will be an extension of that involvement," he concludes.

PMSA launched the Fiori Mining Dumper D100, which is the first of its kind in South Africa, at Electra Mining Africa 2010. The D100 complements the range of Fiori vehicles, which was launched earlier in the year.

The dumper has a load-carrying capacity of 10 t, has four-wheel steering, and is suited to openpit and underground mining operations, owing to its capability of tipping loads from the back of the vehicle.

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