

ELECTRAMINING

Italian-crafted mining dumper launched

African manufacturer of concrete block, brick and paving machinery Pan Mixers South Africa (PMSA) will be launching the Fiori mining dumper D100 at Electra Mining Africa 2010.

Said to be the first of its kind in South Africa, the machine will be put to work during a number of live demonstrations. The D100 complements the range of Fiori vehicles, which were launched earlier in the year and are making a strong impression on the local market.

"With a load-carrying capacity of 10 t and four-wheel steering, the Fiori D100 is suited to both openpit and underground mining operations, owing to the fact that it is capable of tipping loads from the back of the vehicle," PMSA director **Walter Ebeling** explains.



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The company will also be showcasing the super strong Fiori self-loading concrete mixer, which comes fully equipped with an on-board weighing system that allows the user to weigh aggregates before loading them.

Advanced technology developed by Fiori enables the mixer not only to weigh the raw materials, but also to calculate whether the material is mixed, and the slump value required – making it the only self-loading mixer in the world capable of producing CE quality concrete.

Further to all these features, the mixer has a state-of-the-art printing system, which records every batch of concrete being produced, thereby ensuring effective quality control and traceability.

"This equipment is ideal for mixing high-



WALTER EBELING
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quality concrete, without the need for a concrete batching plant or a large labour force. Being able to mix your own quality concrete in remote locations means a reduction in the costs and logistics of transporting ready-mix product," Ebeling continues.

Another unique product that will be on display and demonstrated by PMSA at the expo, is the Sermac range of concrete pumps from Italy, which is, as far as Ebeling is aware, the first 36-m concrete pump that is road legal in South Africa.

The European-built Sermac truck-mounted concrete pump, capable of concrete flow rates of up to 140 m³/h and a maximum concrete pressure value of up to 108 bar, uses a special 'S' valve that guarantees greater outputs and smaller load loss.

The company will also undertake live demonstrations of its extensive range of locally manufactured brick and blockmaking machines, as well as a new wet concrete recycling system at the Electra Mining event.

PMSA is a leading manufacturer of a wide range of concrete block, brick and paving machinery, turbine and counter current pan mixers and batching plants for the concrete, refractory and ceramic industries.

It has been servicing the needs of local and overseas customers since 1976. Its brickmaking machinery, in the Johannesburg area alone, produces two-million bricks a day.

Outside Stand A11

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