

Next generation Fiori undergoes field tests

The well-known Fiori CBV (the original Concrete Batching Vehicle) has recently undergone considerable enhancements by its Italian manufacturers.



Quintin Booysen, PMSA's marketing and sales manager. The new Fiori CBV now produces certifiable details of concrete batches for transmission via GPRS to virtually any part of the world

Of the three prototypes built, one will soon be in South Africa for in-field testing by Pan Mixers South Africa (Pty) Limited (PMSA), regional distributors of Fiori. The other two machines are being evaluated in Brazil and Algiers.

"These are exciting advances to an already capable machine," said Quintin Booysen, PMSA's marketing and sales manager. "This next generation Fiori, due to be launched towards the end of this year, now incorporates real time management reporting with SIM card connectability and GPS location devices. This means that the customer, PMSA and the manufacturer know where the machine is,

how it is performing, how much concrete is batched, what type of concrete, maintenance requirements and much more. All of this information is reported offsite to any part of the globe via the internet or by SMS sent to a mobile phone.

"In addition, full engine monitoring and maintenance data is available at any time for analysis, enabling the customer, dealer and manufacturer to actively manage all engine, hydraulic, brake and mechanical systems all allowing for possible pre-emptive failure detection," he continued.

"We see these enhancements as a significant benefit to Fiori and its customers," said Nunzio Putifarri, export area manager for Fiori. "In Africa the machine will often move from contract to contract and sometimes there is not always a foreman on site. The technology we have now incorporated enables the operator to mix and cast certifiable concrete on site, complete with a print out status of the concrete, providing the owner and project management with full visibility of activity and performance.



"Now reporting encompasses certifiable details of concrete batches, measurement and reporting of drum rotations, engine systems, engine running time, filters, start/stops, hours run, and vehicle movement. This information is valuable to everybody involved with the Fiori." Fiori is the only machine worldwide with the technology and capability of manufacturing certified concrete from a self-loading mixer.



Walter Ebeling, director of PMSA with the Fiori CBV series (the original Concrete Batching Vehicle)

"Readymixed concrete (RMC) is difficult to find in Africa," says Booysen. "The new Fiori now brings RMC within easy reach of any project manager on almost any building or construction site in Africa." ■

The Fiori enables production of certifiable concrete in any location, in every job site situation. This four-wheel drive machine is easy to manoeuvre and is a true batching plant, equipped with highly advanced controls and mixing systems able to certify the quality of concrete produced. A pressure sensing device is used to determine the slump of the concrete in the drum. An integrated slump indicator enables a printout to be made of the cycle report. The self-loading mixer has 4x4 driving ability in reverse and forward. The steering is through Load-sensing power steering; four-wheel steering; in cab device to set steering mode: two-wheel steering, 4-wheel steering, or crab steering.