

Batch and go

Concrete batching

PMSA has introduced the Fiori concrete batching vehicle (CBV), an upgraded version of the Fiori self-loading mixer, to the local market.

The Fiori self-loading mixer is gaining popularity with its onboard weighing system, which gives contractors the ability to deliver recordable concrete batches in rural areas where fixed batching plants are not available, says PMSA director Walter Ebeling. He points out that the new Fiori CBV range now offers increased accuracy and flexibility in the production of certified concrete.

"New technology developed by Fiori has resulted in the CBV being the only mixer in the world capable of producing certified concrete on remote and isolated sites in faster production times, thanks to an advanced weighing system and a state-of-the-art controller, which calculates the precise weight of the aggregates being loaded," he says.

Ebeling points out that this new technology can save up to one minute per batch produced, compared to the previous generation weighing system, which relied on the loading bucket being lifted to a predetermined position in order to calculate the weight accurately. "The new technology provides the operator with an accurate reading while the bucket is being lifted to the mixer loading chute; ultimately saving a significant amount of time during the production cycle."

Ebeling notes that the Fiori CBV comes standard with a USB port which



Photographs courtesy of PMSA

enables all records of batched concrete to be electronically-retrieved. "Fiori has developed a system whereby the operator is provided with a comprehensive overview of what is required for the production cycle. If the incorrect amount of aggregate is added, a warning light will come on and an alarm will sound to notify the operator. If the operator still loads the incorrect amount into the mixer, an error report will be printed for that batch."

PMSA provides full training and servicing to all clients and, to date, the company has sold a total of 24 Fiori CBVs nationwide. Specialist on-site ready-mix supplier Witkop Vervoer purchased four Fiori DB460 model CBVs from PMSA which are being used in remote locations nationwide. Donovan Collins, general manager, claims that

the overall product offering of the machine is unrivalled.

"The Fiori CBVs outperform all competitor products in terms of accuracy, reliability and cost-effectiveness. In addition to producing world-class certified concrete, the rugged 4x4 design of the DB460 enables it to reach the most hostile locations with ease. This has enabled Witkop to become more competitive in terms of pricing and customer service as the company can manufacture the required concrete on site and on demand, regardless of the time or location."

Ebeling says that the Fiori CBV is extremely manoeuvrable, due to three steering mechanisms: standard front wheel for moving forward, crab steering for moving sideways and pinch steering to turn sharp corners.