

MB a crushing success

MB CRUSHERS area manager Veronica Guerra says the Australian response to the company's crusher bucket range has been so positive that the company is now looking to hire a sales representative based here.

MB has three Australian dealers: Walkers Hammers and Sweeper Technologies, both based in Melbourne, and Landquip, based in Wagga Wagga, New South Wales.

Landquip manager Trevor Nason said MB Crushers had successfully created a niche in the world crushing equipment market. He said the crusher buckets had been tested and had performed in many countries for a huge range of applications.

"MB Crushers are built to high precision quality and engineered to stand up to the demands of rigorous application," Nason said. "MB Crushers are clearly the most advanced of this type of product available. They are an extremely functional and mobile attachment to suit a range of excavator sizes and can be used in all locations, easily making onsite crushing an affordable and desirable option.

"MB Crushers also offer a powerful electromagnet as a unique, on-board attachment for the crusher buckets. This attachment allows for sorting of metal components from crushed material and is designed for crushing reinforced concrete product and separating the reinforcing material. It is a must for all operators with this application."

Walkers Hammers product support manager Tino Vinella said the optional electromagnetic iron separator was a quick and effective way of separating reo bar from crushed concrete.

Vinella said that with the growing focus on recycling in Australia, MB's crusher buckets should have a big part to play.



MB Crushers' BF 90.3 being demonstrated by Walkers Hammers.

Walkers Hammers and Landquip have both established sales and service networks in other states.

MB's crusher buckets use the hydraulics of the carrier to power the crusher jaws. The four-model range starts with the BF 60.1, weighing 1.5 tonnes and designed for use with 8-12t excavators.

Next is the BF 70.2, weighing 2.25t and for use with 14-20t excavators, and MB's original

crusher bucket, the BF 90.3, weighing 3.5t and for 20-28t machines.

The biggest crusher bucket in the MB range is the BF 120.4, which weighs 4.9t and suits excavators over 28t. The three largest models can all be adjusted to crush material from 20-120mm, while the smaller BF 60.1 can crush from 20-100mm.

MB says it will be displaying the crusher buckets at Bauma China later this month.

JB takes lead on coupler safety

NEW Zealand quick coupler manufacturer JB Attachments is initiating a safety testing procedure it believes is among the first of its type in the world.

JB is using Enerpac high-pressure 700 bar hydraulic technology to batch test its coupler castings.

"This is an initiative to provide a lead in our industry to safeguard workers and customers," JB Attachments managing director Tim Balemi said.

"While our own products are market leaders in regards to safety, the industry knows how important it is to ensure that the industry's huge range of buckets, spades, rippers, rock breakers, concrete breakers and other attachments do not detach in service. Fatalities such as

one occurring recently in the UK not only are a personal tragedy, but also cause massive shutdowns and compensation issues."

Enerpac distributor Jonel Hydraulics worked with JB Attachments to devise a testing rig incorporating two Enerpac RSM 500 Low Height cylinders, each with 45 tons of force and using a 10mm stroke to test coupler jaw castings to international standard AS1418. Actuated by an Enerpac P141 lightweight hand pump, the force imposed in the test rig is measured on a digital gauge to ensure precision and consistency on castings produced to 600 MPA A5 standard.

The test rig is currently employed on multi-couplers up to 30-tonne capacity. Batches from production runs of thousands of units a

year are continuously tested to withstand loads in excess of twice the specified capacity. For example, a 12-14t coupler front jaw has a safe working load of 27t and is tested to 54t.

Balemi said a second test rig would be introduced this year to extend the testing process onto larger sizes.

"Like all responsible manufacturers, we want to see cowboys out of the industry," he said. "We believe that by setting standards above and beyond what is required by law, we will achieve measurable quality and safety criteria that they just can't meet."

JB's couplers incorporate a patented jaw locking system that ensures the attachment is locked onto the coupler. The locking system does not require any form of stored energy.