

## MB LAUNCHES WORLD'S BIGGEST BUCKET

**M**B, a global leader in the production and sale of crusher buckets, has launched two new products in line with its focus on innovation and in response to customer requirements.

These include the BF 150.10, which stakes claim to being the biggest bucket in the world with a weight of 10 tonnes; and the MB-L, the smallest crusher made by the company. The Italian manufacturer chose Intermat 2012, the international exhibition of materials and technology for the construction industry, held in Paris, France, in April (16 to 21) as the ideal setting for showcasing the models.

"MB hopes to leave its mark with the new arrivals," says a company spokesman.

Suitable for diggers of 70 tonnes and above, the new BF 150.10 is the ideal product for those working in large quarries, as it offers high productivity and efficiency, he says.

"For much smaller pieces of machinery on the other hand – buckets, mini buckets and backhoe loaders – the new MB-L is a true gem of efficiency and practicality. Small, manageable and with a very high production yield, it is capable of crushing any type of material and of satisfying the needs of MB customers," the spokesman says.

MB was at Intermat with four display areas. Two outdoor spots allowed visitors to witness the work of the crusher giants and experience at first-hand the advantages these machines have on site and in quarries; while at two indoor stalls, MB staged special shows and events.

Founded in 2001 and based in Vicenza,



The MB-L and BF 150.10 (below) ... meeting customer requirements.

MB has always strived to surpass customer expectations by listening to the day-to-day problems customers face on site, and finding appropriate solutions for the different international locations in which the company operates, according to the spokesman.

"It is also thanks to this long-lasting relationship based on trust that MB succeeds in producing buckets that provide valuable support for its customers," he says.

MB's business strategy since its inception has been to ensure customer satisfaction and enhance products and focus on top quality. "The innovative nature of our products, recognised on an international level also by the many awards received in various



trade shows, has become MB's strong selling point, which is backed by the company's ongoing marketing initiatives and communication campaigns," he adds.

which employs an Aquacycle A400 thickener. This allows for 90 per cent of the water used during the sand washing process to be recycled to the washing plant thus reducing the volume of fresh water required to feed the plant.

"It is this capability to recycle 90 per cent of the wash water that makes washing possible in the Gulf," says Walker. "The Aquacycle allows those who know their material would benefit from washing to proceed with a washing plant where it would otherwise not be possible due to the arid environment."

The Aquacycle thickener works by separating the waste water from the fine material with the assistance of a flocculent. Material enters the thickener and is dosed with flocculent prepared in the integrated FlocStation unit. From here the material is delivered to

the centre of the tank in order to ensure efficient settlement of the fine particles.

"Discharging material in the centre of the tank ensures that it is as far away from the recycled water overflow point as possible, thus ensuring maximum settlement of the fine particles," explains Walker.

The flocculent forces the fine particles to bind together and sink to the bottom of the Aquacycle tank. The clean water overflows a weir at the perimeter and is then delivered to a holding tank before being re-circulated to the Evowash sand washing plant. The settled sludge is conditioned for discharge via the quadrake system which ensures that the sludge is of a consistency that allows it to be pumped greater distances than would otherwise be the case.

Commenting on the project, Sameh Awny

El Hofy of Medco says: "The Evowash and Aquacycle in combination provide the template for how operators can introduce a washing plant to their processes in the Gulf region as it effectively tackles the issues around water availability that until now have been a major barrier."

Medco is headquartered in Jeddah and has a number of other offices throughout Saudi Arabia – in Riyadh, Al Khobar and Abha.

According to Walker, the introduction of the Aquacycle thickener allows operators to enjoy the efficiency gains that the Evowash offers and also benefit from the flexibility of the Evowash system. "The Evowash has been chosen on hundreds of our global installations for the simple reason that it offers the most efficient sand washing system available," he adds.