MB CRUSHER TO SLASH COST OF WASTE DISPOSAL

Disposal of demolition or construction waste is a common cost element facing many contractors, particularly in our major cities where significant landfill charges are applicable.

It's not only landfill charges that cost. When truck fuel, road tolls, operator time and project downtime are considered, the costs really add up. Disposal of small lots can also be annoying as these stockpiles often don't warrant a full load, yet must be stored somewhere pending transport to landfill. Taking spoil to landfill is also a problem for companies making a real effort to be more environmentally aware.

The use of crushing attachments is providing answers to companies such as the Anric Group which operates across civil construction and engineering, rail maintenance, demolition and plant hire companies, providing services to key industries within the Australian market.

"We have always been ready to embrace new technologies to ensure we remain competitive from both a cost, operational efficiency and environmental viewpoint", said Anric Group's Anthony Spinozzi.

Using latest technology

Anric operates a large fleet of machinery that ranges from basic, standard excavation equipment to highly specialised rail plant. They have found it pays dividends to always be at the forefront of technological development and continue to push the boundaries through the design and commissioning of state-of -the-art road rail excavators.

"While it's normal practice for us to use contract crushing where large volumes of rock, concrete or masonry waste is involved, it is often the smaller waste stockpiles or inaccessible waste material that causes handling problems. Invariably we are left with smaller lots of material such as concrete or rock that don't justify using a large contract crusher", Anthony said.

"Until now, our equipment fleet has not included crushing equipment, however increasing tip costs pushed us to find a solution. After investigating the options, we decided on a model BF90.3 MB crusher bucket.

"The MB bucket is being used as an attachment on our Hitachi 20 tonne excavator. Even in the short time we have had the crusher bucket, the benefit has become obvious. It will enable us to tidy up sites, while also providing the opportunity to reuse residual material, much of would have previously ended up in landfill.

Helping our entire business

"The bucket will be deployed across all our business sectors -- anywhere there is an opportunity to recycle potential waste. It promises to be a real winner for us and will certainly help our bottom line. It's fast and easy to attach by using a standard quick-hitch and

takes no longer to set up than a hammer.

“There’s no doubt we will get plenty of use and benefit across our job sites and it will be interesting to compare its productivity against the cost of using contract crushing services. Having this equipment in our fleet also gives us the opportunity to crush stockpiles between projects whenever spare operators are available”, Anthony added.

Produced and patented by MB in 2001, the BF90.3 was the world’s first crusher bucket, designed to eliminate material friction in the loading phase and to resist even the most difficult conditions on site. Compact and versatile, this bucket has been improved and strengthened over the years. As well as handling the most challenging and harsh materials, the BF 90.3 may also be found deployed in tunnels and other sites with tight space constraints, foundries, quarries and mines.

MB Crushers has developed site and task-specific bucket configurations designed to tackle common scenarios such as the separation of non-crushable steel reinforcement or structural materials, dust suppression, noise reduction and maintenance minimisation in this aggressive mechanical environment.

New series 4 BF60.1

Suitable for heavy equipment from eight tonnes and upwards, a new design allows for more agile movement and increased crushing speed. Parts which are subject to high stress have been reinforced and further options have been added for better regulation by widening the range of sizes size range of crushed material. There is also a new greasing system that makes onsite maintenance simpler and faster.

The MB-C50 is the smallest crusher bucket in the MB product line, weighing less than one tonne and designed to work on excavators starting from four tonnes It is suitable for mini excavators and great for small crushing jobs.

Due to its reduced size and weight, the MB-C50 has proven to be particularly useful in landscaping and restricted areas, ensuring high performance in small size with a production rate of up to ten cubic metres per hour

World’s largest crusher bucket

MB’s BF 150.10 is the largest crusher bucket in the world. Designed for excavators exceeding 70 tonnes it’s ideal for applications in quarry, mining, and general crushing on large job sites.

Weighing over ten tonnes and with a load capacity of 230 cubic metres per hour, the BF 150.10 crusher bucket is capable of crush material production more than 120 cubic metres per hour.

For further information on the range of MB Crushers, call Semco on 1800 685 525, or visit www.semcogroup.com.au.