

Reduce, reuse and recycle with MB Crusher

AT THE BIG 5 Heavy 2018 that took place from 26-28 March in Dubai, Italian bucket specialist MB Crusher featured crusher buckets and attachments for the construction and mining sectors. Meanwhile, the company is also at the forefront of promoting reuse and recycle to reduce waste. Crushing and recycling is taking a key role in demolition and building operations today. The need to make the most of all available material, has prompted astute operators to use the waste material which once was simply piled up, discarded or brought to a disposal centre. That's the reason why it's important to find new solutions to recycle inert waste at low cost.

As the UAE grows, so does the amount of rubbish it produces.

At the beginning of this year, Masdar reported that waste generated in the UAE increased from 6.6mn tonnes in 2010 to 8.4mn tonnes in 2017. For the entire GCC region, almost 29mn tonnes of rubbish is anticipated, creating a waste management industry that potentially could be worth US\$1.69bn. Dubai Municipality estimates that the city recycles 25 per cent of its refuse, but it aims to increase it to 75 per cent by 2021. Public-private partnerships will play a crucial role in meeting this aim.

The "circular economy", involving recycling and reusing materials to put them back into manufacturing, will become increasingly important. The massive step is having the easy-to-access infrastructure for the consumer to recycle because in the UAE the landfill is still very cost-effective.

Waste becomes a resource with MB Crusher

MB Crusher has created a product line that make possible to manage the complete recycling phase directly on-site, by simplifying the operations of crushing, screening and handling of aggregates. Crusher and screening buckets, drum-cutters and sorting grapples are installed directly to a heavy equipment machine and powered by its hydraulic system.

Compact attachments come with a low acoustic impact, in compliance with the terms laid down in ISO 3744 and the Machinery Directive 89/392 EEC. MB crushing and screening buckets can be equipped with a magnetic kit to collect iron from debris and a dust suppression kit that sprays water to control the dust.

Aggregates and debris resulting from a working site can be processed by MB Crusher machinery and transformed into material



Photo Credit: MB Crusher

MB offers the widest range of crusher buckets, 12 models from the smallest, for mini excavators, a special range dedicated to wheel loaders, skid steer loaders and backhoe loaders, to the largest suitable for excavators from 70 tonnes and more.

ready for re-use on the site itself, or sold for other applications. This way, companies are no longer compelled to dispose of it at the dump, but can put it back into the working cycle, saving time and money.

With MB Crusher machines, the material is recycled on the spot, thereby avoiding the landfill costs, transportation cost as well as pollution created by vehicles driving to and from the dump. Plain advantages are not just for the company that is using them and the workers, but mostly for the environment.

This is applicable to all kinds of sites, from road construction sites to demolitions, to the laying of new pipelines, to mines and quarries, to the disposal of railway sleepers, lamp posts and vineyard poles, but also to large recycling centres where iron materials, foundry waste, glass and many other materials are salvaged.

Even large companies, that already have big crushing plants within their quarries,

decide to adopt MB crusher attachments which allow them to cover many situations and special processes, such as confined areas and spaces difficult to access.

An MB attachment can help companies save money, minimise workplace risks and recycle materials already at their disposal.

MB Crusher is the inventor of world's first crushing bucket and the world leader in the field of equipment for crushing, demolition and recycling. It offers the widest range of crusher buckets, 12 models from the smallest, for mini excavators, a special range dedicated to wheel loaders, skid steer loaders and backhoe loaders, to the largest suitable for excavators starting 70 tonnes.

The MB range of attachments is completed by screening buckets, drum-cutters and rotary grapples. They are powered by the heavy machinery hydraulic plant, are easy to transport, have low maintenance costs and do not require an additional operator.