

MB: outrank in quarries



Crushing in quarries around the world has become a key aspect of mines operation; the need to make the most of all available material arose and has prompted sharpest operators to use also the “waste material” that was once simply piled up in the quarry, becoming today valuable resources. The need remains to obtain the desired sizes in the shortest time possible maximizing the operating profitability per cubic meter worked as well.

Quarries locations have often huge extensions; hence the need to have agile equipment, able to move without problems and reach areas where only excavators can go.

To respond to these needs, while ensuring efficiently high-quality of crushing and screening managed by sturdy and reliable equipment, MB Crusher has developed a range of bucket crushers



and screeners designed specifically for mining sites.

The models designed by MB specifically for the mining segment are three: the crusher buckets BF 135.8 is suitable for excavators from 43 tons and the BF 150.10, an exceptional machine built for excavators operating weight of over 70 tons plus a screening bucket the MB-S23 which its considerable success in quarries around the world, to which add numerous other models of the range. The MB-S23 is the largest screening bucket in the world and provides screening of unparalleled performance, with a load capacity of 4.3 cubic meters and a depth of 1.490 mm basket well. Many quarries, in every corner of the globe, have already chosen MB products. For example, in northern Turkey on the Black Sea, in Bilecik marble quarry, the BF135.8 bucket crushers are used not only to assist in mining activities, but also to shatter the material required for the rehabilitation of the quarry roads. The considerable advantage, guaranteed by the versatility of the equipment, is that the material is crushed where it is needed, without having to employ unit for transport.

In this way the slopes of the



quarry are always pristine, with positive impact on the maintenance of the quarry machines and, in general, the productivity of the mine itself. The BF135.8 has record-breaking performance with a maximum production of 88 cubic meters per hour, a loading capacity of 1.6 cubic meters, and stand-out reliability, all of this is made possible by cutting-edge design and the use of the highest structural materials.

From Turkey to Dubai: another MB crusher bucket, the BF120.4, a model slightly smaller but equally outstanding, mounted on a 45 ton crawler excavator, it is crushing basalt and granite:

materials notoriously tough to manage. Despite the hardness, the crusher bucket is able to guarantee a relevant productivity with peak values up to 50 cubic meters per hour, also thanks to the load capacity of 1.3 cubic meters. Excellent results for BF120.4 also on European sites, led by Germany, where in a quarry in Homberg, basalt boulders are reduced; also in this case the MB crusher bucket works on large crawler excavators and, thanks to the particularly simple and quick installation procedure, it is used from time to time on different excavator model.

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