

No More Transportation Costs With MB Crusher



Executing 20km of Concrete Road under PMJSY in Madhya Pradesh

Crushing on site provides lower cost and greater efficiency. In fact, crusher and screening buckets attached to excavators and other earthmoving equipment allow materials to be processed for reuse, right where they are being extracted. Crushed by-products may be either used as on-site aggregates or sold profitably to other sites. For example, for road construction, it's possible to crush the material and reuse it directly on site as GSB, drainage filling and trench filling.

That's the reason why MB Crusher has produced a special line of products – crusher and screening buckets, sorting grabs and drum cutters – that can bring many advantages to companies.

The Project

One of the leading road construction companies in Madhya Pradesh, India, was executing 20km of concrete road under PMJSY.

During geological survey, it was observed that an important quantity of stone is available beneath the ground and the customer wanted to utilize the same by crushing and using it as sub-base material.

The client has a quarry and crusher plant, located around 19km from the project site. He had the option of transporting excavated stone from the site to the crusher plant and transport it back after crushing. However, even though it is his own quarry, the transportation cost turned out to be significant. Hence, he was looking for a more economical solution.

The Choice Of An MB Crusher Bucket

It's at this point that they found in MB Crusher BF90.3 is the best solution for their needs.

Designed for excavators with 21T operating weight, the BF90.3 crusher bucket has been mounted on Hyundai 210 excavator and it has been working for 6 months in this very important project, crushing very hard basalt stones. The input size of feed material was 300mm and the crushed material was being used as sub-base material (GSB) for this road project.



The Advantages

Operating process of an MB crusher bucket is extremely simple. First of all, the material can be taken directly to a yard or to any other location. This is followed by a phase in which the material is prepared for the work cycle. This is how the loose material crushing process begins, the material having been previously picked up, hoisted, carried and unloaded by the same bucket, and lastly grounded at the desired thickness, thanks to our simple process of adjusting output size as per requirements. The resulting material can be reused for other jobs at the same worksite or be taken to other worksites and used to build yards, road embankments, drainage systems and Special attention should also be paid to the crusher bucket being employed to crush inert materials which are subsequently used to form the stabilized pavement for road foundations. In fact, many companies (like the Indian customer) have chosen the MB crusher bucket as a must-have tool for their daily operations: the demolition and roadwork sector requires the recycling and production of materials to be reused, also offering the significant opportunity to sell directly the rubble and gravel.

There are many accounts by entrepreneurs who have realized that the profitability surrounding MB crusher buckets is superior to a regular mobile crusher. It has lots of advantages like easy installation, unbeatable diversity and utility. Moreover, the impact of the crusher bucket is quite different from that of a fixed or mobile crusher: the use of a traditional crusher is often hindered by its size and subsequent space requirements, which limits its use in many urban areas.

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