

World Preview

Mb Crusher Introduces The New Generation Of Shafts Screeners: Excellent Multi-Purpose System To Manage Different Types Of Materials Efficiently

From the creators of the world's first patented multi-functional jaw crusher comes the innovative MB-HDS series, a true revolution beneficial to all users

"With this new machine we pushed our boundaries: it is packed with innovative features and technology. After years of testing, we are thrilled to launch it onto the market, so that it can benefit the professionals and companies for whom it has been created."

With these words Diego Azzolin, Production Director at MB Crusher, announced **the new generation of Shafts Screeners**, which were launched to the **world during Bauma 2019** in Germany, the most important event in the calendar for the building, the construction materials industry and the extraction sector.

*"The new MB-HDS series **is radically different from all the other systems available on the market**. It has been designed to be a real wild card: it can adapt to a range of different working environments and can select different types of materials with **unprecedented simplicity and speed**, without the need for a specialist or special training. Since 2001, when we patented our first crusher bucket, MB Crusher has evolved while remaining true to its purpose which is: to **facilitate the work on site and to make it competitive, self-contained and profitable**. What professionals, companies and users want is to be able to work continuously, without interruptions for maintenance and to facilitate the processing of materials, which can be very expensive. Over the years we have fulfilled these fundamental requirements, with innovative machines which turn waste materials into opportunities, a key element for many companies nowadays. Today we take a further step forward with the MB-HDS Shaft Screener line. Indeed, we are justifiably proud of our Research & Development Department: it never stops working, just like our Crusher Buckets and Screening Buckets which have been working relentlessly on building sites for over fifteen years!"*

Designed with our constructive approach towards **reducing waste and increasing the profitability of the construction site**, this machine is the latest "gem" produced by an Italian company famous all over the world: what is new about the MB-HDS Shafts Screener is **its ability to adapt to different types of work and different materials**. It's the ideal solution for those who have to process different kind of waste rubble, which can quickly be turned into re-usable and profitable material.

*"We have created **a machine which, alone, is capable of overcoming the various challenges faced every day** by those involved in earth removal, excavation, demolition, recycling, agricultural activities and landscaping. The **new MB-HDS series selects and crushes excavation and demolition materials, asphalt, coal, organic materials, wood, bark and light plastics, also it enables products to be re-purposed immediately**. It is possible to transform one material into another effortlessly any time you need to: this is the most important and useful innovation. In fact, with the MB-HDS Screening Bucket **you can easily change the rotating shafts on site in complete safety**: just one*



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person can do this in a matter of minutes. Our patented system keeps the rotating supports in place, the rotors can easily be removed and re-positioned, while the angular alignment is kept in place. For us, having developed this new system represents a breakthrough, and for companies, whether they are big or small, **it means having a construction site that is always working**, and obtaining high-quality materials that can be re-used or sold, saving transport, dismantling and maintenance costs.

Until now this has been a complex operation, particularly because it is difficult to position the rotating shafts correctly (they must be synchronised with the power transmission systems and the rollers next to them) and because the support bearings must be replaced as well.

The innovative MB-HDS Screening Bucket is **available in four models** with shafts suitable for the different material selection requirements and, as with all MB Crusher machines, they can be easily installed on excavators, diggers, mini diggers and loaders (from 5 to 35 tonnes) in order to easily access and move around work sites, construction sites, areas containing large pipelines, towns or remote agricultural areas. Changing of the rotary shafts can be carried out anywhere, they have a **centralised greasing** system and all maintenance tools are located inside a compartment of the shafts screener. However, these are not the only innovations, because the new generation MB-HDS also takes care of the machine on which it is installed. An engineered **automated shock-absorbing hydraulic system reduces the discharge so that the engine**, transmission components and the machine boom do not suffer any damage. Preserving machinery life expectancy and reducing maintenance costs.

*"Compact, reliable, sturdy and safe - Azzolin continues - the MB-HDS units are designed to be multi-purpose and highly versatile as well as **being quieter** to operate. Making possible for companies to use them in towns and historic centres, where there are different types of materials that need to be screened but both space and time are limited. **The new system reduces noise levels by 40% when processing materials**, in accordance with the regulations, thereby eliminating the need for exterior noise-control systems."*

With more than 90% share of the world market for the Crusher Buckets, MB Crusher offers its customers tried and tested technology, a system for converting waste materials into competitive advantages, as well as reliable customer service available 24/7 all around the world.

"I would like to end by saying - adds Azzolin - that the new generation of MB-HDS Shafts Screeners fully meets our intention. We wish to all of MB Crushers' customers for 2020 and beyond to remove all obstacles and to convert them into a competitive advantage."



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