

EQUIPMENT // FOCUS

SITE PREP



From now on, onsite separation will cost less

MB Crusher has launched its fourth edition of the MB-S14 screening bucket and recalls how it has previously resolved problems of space and accumulated debris.

The cleaner and more homogeneous the material obtained after a recycling process is, the more value it will have, both economically and ecologically. Being able to use inert materials of quality — or being able to resell them to third-party companies — is now a deciding factor for being competitive on markets.

It is precisely for this reason that having in-house machinery such as the MB Crusher screening bucket, which quickly selects any material that is homogeneous in size, makes all the difference.

There are those who can testify to this, as did a German company that owns a demolition depot. For years, tons of material — a mixture of earth and debris — accumulated. It was therefore necessary to arrange and rearrange the areas, separating and cleaning the inert materials with equipment that would allow maximum productivity in a short time. The decision fell on the MB Crusher screening model MB-S14 that was purchased to work on a Liebherr 900 excavator.

Equipped with a panelled basket with 20 x 20 mm holes, the MB-S14 screening bucket allowed the company to manage the work area in just a few days. The soil was effectively separated from larger debris and bulkier pieces of material. The resulting inert material was gathered in an orderly manner.

Satisfactory from both a logistical point of view and an economic one: with the MB-S14 screening bucket, the customer was successful in obtaining clean material, capable of being marketed and gaining wide profit margins. Today, the company screens more than 15 tonnes of material per day.

The fourth generation of the MB-S14 is designed to work with excavators from nine to 20 tonnes, and the MB-S14 screening bucket is now effectively deployed in the fourth series of MB Crusher products.

It weighs 1.1 tonnes and has a loading capacity of 1.1 cubic metres. It is compact with dimensions of 1700 x 1400 x 1440

mm, and has baskets made of interchangeable modular panels, which are available with various sized holes as needed.

The latest version includes new clamps for locking the panels; structural optimization, which reduces panel replacement times; a new generation transmission, for reliability and durability; new central greasing system to reduce maintenance times; improved strength equilibrium between the digger's arm and the screening bucket, thus increasing productivity; and improved reliability, thanks to the use of special material and robotic construction techniques. 

SPECIFICATIONS

EQUIPMENT	LOAD CAPACITY	BASKET DEPTH	GRID DIAMETER	DIMENSIONS
 ≥ 9 < 20 Ton	1,10 m ³	890 mm	1200 mm	1700 x 1400 H1440 mm
OIL FLOW	PRESSURE	COUNTER PRESSURE DRAIN	WEIGHT	SPEED/MIN.
60 l/min.	150 bar	-	1,10 Ton	15/25 min/max

The data provided above is not binding, as the manufacturer reserves itself the right to make improvements to its products at any time and with no advance notice. References to excavator weights are approximate and many may be subject to changes. Consider a 20 per cent tolerance.

