

Jaw Crusher BB 51

COMPACT AND SPACE-SAVING TABLE TOP UNIT FOR THE CRUSHING OF MEDIUM-HARD, HARD, BRITTLE AND HARD-DUCTILE MATERIALS

The jaw crusher BB 51 is engineered for fast but gentle crushing of medium – hard, hard, brittle and tough materials. These units are particularly suitable for processing stone, minerals, ores, glass, ceramics, construction materials, brittle metal alloys, slag, synthetic resins and many other hard and brittle substances.

The model BB 51 was developed especially for specimen preparation in laboratory operations. The space – saving, dust – tight unit will fit on any laboratory bench.

The BB 51 jaw crusher is enclosed in a housing with four rubber feet and is designed to prevent users reaching into the crushing chamber.

The on / off switch, digital gap width display and gap adjustment are located at the front panel for ease of use.

The crushing chamber comprises the moving arm and the fixed, adjustable crushing arm along with two side panels with wearing sheets of stainless steel, tungsten carbide or zirconium oxide.

Breaking jaws are available in manganese steel, chrome steel, stainless steel, tungsten carbide and zirconium oxide. A stack of disk springs and thermal safety relay protect the jaw crusher unit against overloads. The fill hopper can easily be removed to simplify cleaning.

The product passes through the fill hopper, which is designed to prevent ejection, and into the wedge-shaped crushing chamber. There the elliptical motion of the moving arm and the pressure it applies crush the product and move it downward. As soon as product particles are reduced to a size less than that of the bottom gap, they fall into a removable receiver tray, which in the interest of safety, is located inside a drawer. Fineness and throughput volume will depend on the gap width selected, from 0 to 10 mm, and the fracture characteristics of the products. The BB 51 is driven by a high-performance, single-phase AC motor integrated into the unit and delivering 1100 watts of power. Due to its permanently lubricated bearings and its sturdy design the BB 51 can be considered as maintenance-free.

Its small size also makes the BB 51 ideal for use in mobile laboratories.

The design of the machines correspond to the current German accident prevention and VDE regulations. We reserve the right to make technical changes.



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