

Impact Crusher-impactcrusher.net.cn

Application of Impact Crusher

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Impact Crusher is mainly used to crush many kinds of large, medium, small materials whose side length is less than 500mm, and compression resistant should not be more than 350Mpa. The impact crusher is widely used in hydroelectricity, highway, artificial stone and sand, building material, etc. **Impact Crusher** is the machine that makes use of the rebound function of the high impact force of the hammers and the impact plate to make the material be impacted repeatedly into pieces. The hammers installed on the rotors with high rotation speed, and along the crushing chamber, there are some impact plates laid on the different angle. When the material get into the area which the hammers effects, under the impact function of the hammer at a high speed, the material are thrown to the impact device above the rotor continuously. And then the materials are rebounded from the impact liner to the area where the hammers effects for being recrushed. The materials from large to small all to be crushed at the impact chamber repeatedly. The process won't stop till the material are crushed to the required size and then discharged from down of the machine. Compared with the hammer crusher, the impact crusher has the higher ratio of crushing, and makes best use of the impact energy of the whole rotor. However, because the hammers are the easy worn parts, so normally it is suitable for the mid-hard and brittle materials, such as limestone, coal, calcium carbide, quartz, dolomite, gypsum, etc. The practice shows that combination property of impact crusher is better than the cone crusher and hammer crusher.

Features of Impact Crusher

- 1.Connected with locking sleeve assembly.
- 2.The blow bar with high chrome.
- 3.Hydraulic or hand opening.
- 4.Impact plate with a special shape.
- 5.Crushed product with cubical shape.
- 6.Reliable operation.