

Impact-Crusher



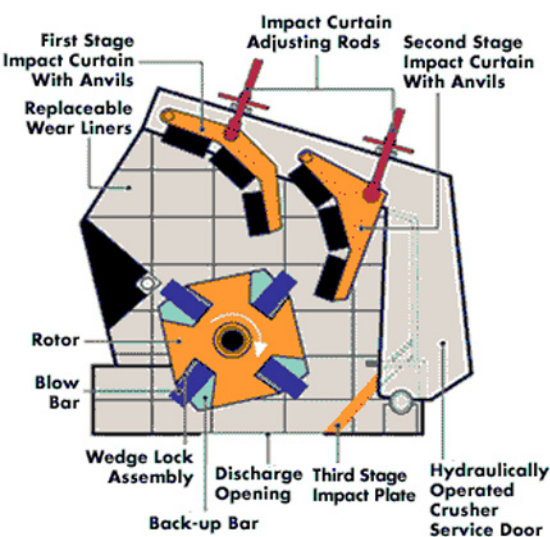
What we do today is to ensure the future of our
group with youth and spirit forever and ever.

- SBM



The most professional Impact Crusher in China

After introducing advanced techniques, SBM impact crusher is optimized and widely applied in the first and secondary crushing. It can crush material like granite, basalt, bluestone, etc the longest side of which is less than 500mm, and anti-pressure strength is not more than 320Mpa, and the final product is ideal device for aggregation used in highway and railway surface as well as water and electricity industry.



SBM Impact Crusher Overview

Impact crushers are suitable for materials whose compressive strength is under 360Mpa, and particle size is under 500mm. This kind of machine features easy maintenance, high crushing ratio and crushing efficiency etc. With end products in cubic shape, impact crushers are the ideal crusher for aggregates processing in high-type highway building, water conservancy and power construction. They are suitable for materials whose compressive strength is under 360Mpa and side length is under 500mm. They are preferred to crush granite, limestone, river gravel, etc.



World-class craftsmanship and materials



World-class design

Impact crusher Main Features and Benefits

1. Energy-efficient.
2. Unique structure, keyless connection.
3. Blow bar made of high chromium steel, impact plate with a special shape.
4. End products with cubical shape.
5. Easy operation and maintenance and high reliability.

Impact crusher Technical Data

Type	Spec.	Feeder Opening(mm)	Feeding Size (mm)	Crushing Capacity(t/h)	Motor Power(KW)	Weight(t)
PF-1010	Φ1000×1050	400×1080	350	50-80	55-75	12
PF-1210	Φ1250×1050	400×1080	350	70-120	110-132	14
PF-1214	Φ1250×1400	400×1430	350	130-180	132-160	18.6
PF-1315	Φ1320×1500	860×1520	500	160-250	180-260	19



How Impact Crusher works

It uses plate hammer on the rapidly rotating rotor to generate high-speed impact to crush the materials in the crushing cavity, and casts the crushed materials along tangential direction to impact plate at the other end of the crushing cavity. The materials are crushed again, and then, they return to the plate hammer to undergo the process above repeatedly. The materials are bumping with each other when being sent between the plate hammer and the impact plate. The materials become cracked, loose and then comminuted by knocking by the plate hammer, impact with impact plate and bump between materials. The materials with grain size smaller than the gap between impact plate and plate hammer will be discharged.

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