

Impact Crusher

Based on the latest manufacturing technology ,we company have developed this new kind of latest impact crusher ,which features fine particle size and no tensility and crack and have become the ideal processing equipment in the field of high road surface and hydropower Construction, etc.



Application of impact crusher

[Impact crusher](#) have been designed to deal with the materials with the side length of less than 500mm, and 350Mpa anti-pressure strength of less than 350Mpa.And now impact crusher has been used to crush various coarse, mid and fine materials, such as the Granite, limestone, concrete, which have been applied in the field of Ore crushing, railway, highway, energy, cement, chemicals, construction and so on. Its marterlalin size can be adjust and the crushing specification appears variability. And the ideal feeding size of this series of compact crusher is at the range of 100-500mm and the upper limit should less than the specification.

Structure Features of impact crusher

1. High feeding size and crushing cavity; high hardness for the materials and large size, small ratio of the products powder.
2. Convenient adjustment between the compact plate and the blow bar can validly control the discharge size with fine particle shape.
3. Compact structure and high rigidity, large rotating inertance of the rotor.
4. High production efficiency, low consumption of wearing parts, large anti-compact force.
5. Complete crushing capability, compact structure, no-key connection, `convenient maintenance.



Working principle of impact crusher

During the operation of the [impact crusher](#), the motor will drive the rotor to rotate with high-speed. And the materials will be crushed by the blow bar installed on the rotors when they enter the blow bar zone of action. And then they will be rebounded to the scale board and recrushed. And next, they will be rebounded to the blow bar area from the impact plate. After the repeating, the materials will enter the first, second, and third compact cavities according to the particle size and at last, the crushed materials will be discharged by the discharge opening.

Impact crusher technical data:

Type	Spec.	Feeder Opening(mm)	Feeding Size	Crushing Capacity	Motor Power	Weight (t)
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			(mm)	(t/h)	(KW)	
PF-1010	Φ1000×1050	400×1080	350	50-80	55-75	12.6
PF-1210	Φ1250×1050	400×1080	350	70-120	110-132	14
PF-1214	Φ1250×1400	400×1430	350	80-160	132-160	18.58
PF-1315	Φ1300×1500	860×1520	500	160-260	180-260	24.2

If there is change of the above specification, it subjects to the newest products' specifications.

Contact us

Sales Hot-line

Tel: 0086-021-51860275

Postcode: 201201

E-mail: sales@chinesecrusher.com

Office Add

Shanghai Gulin Machinery Co.,Ltd.

South Jinqiao Area, Pudong New Area, Shanghai, China.