

PF Impact Crusher

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PF Series Impact Crusher uses the latest manufacturing technology, say, unique structural design. **PF Impact Crusher's** finished product is cube size, no tension and cracks, and its grain shape is good, which can break particle sizes less than 500mm, compressive strength is no more than 350MPa medium, fine materials (granite, limestone, concrete, etc.)



Features of PF Impact Crusher

1. Large feeding size, high crushing chamber to meet the higher material hardness, large block, and less product powder;
2. Easy adjustments of hammer and impacting plate.
3. Compact structure, machine rigidity, the rotor has large impacting energy;
4. High chrome hammer, impact resistance, abrasion resistance, large impacting force;
5. A new type rotor to increase the impact force;
6. High productivity, low energy consumption, high overall efficiency.
7. Simple structure, easy maintenance and reliable.

Application of PF Impact Crusher

The **impact crusher** is widely used in ore crushing, railway, highway, energy, cement, chemicals, construction and other industries on a variety of medium hardness material, it can crush limestone, cooked material, slag, coke and coal. The particle size, specification diversification can be adjusted.

Working Principle of PF Impact Crusher

PF impact crushers are generally used as primary crushers for crushing quarry rock, which are designed for crushing low abrasive and medium hard materials. The materials fed to the crusher through its large feeding opening are crushed in two stages : while impacted by the rotor's hammers to the primary and secondary impact plates. The materials will not pass to the secondary impact plate until being crushed and reduced to the required size. By adjusting the impact plates the maximum size of output material can be controlled.

Technical Data of PF Impact Crusher

Model	Size of rotor (mm)	Feed opening (mm)	Max. feed size (mm)	Capacity (t/h)	Power of Motor (kW)	Weight (t)
PF1010	Φ1000×1050	400×1080	350	50-80	75	12.5
PF1210	Φ1250×1050	400×1080	350	70-130	110	16.5
PF1214	Φ1250×1400	400×1430	350	90-180	132	19
PF1315	Φ1320×1500	860×1520	500	120-250	200	24
PF1320	Φ1320×2000	860×2030	500	160-350	260	27

Note: Any change of **PF Impact Crusher** technical data shall not be advised additionally.

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