

Primary Impact Crusher

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Primary impact crusher is KEFID's new product absorbing international latest technology. As the crusher's "heart", rotor is the most important part. PFP impact crushers are generally used as a primary crushers for crushing quarry rock, which are designed for crushing low abrasive and medium hard materials.



Features of Primary Impact Crusher

1. Adopt world-level manufacturing technology, and excellent production materials.
2. Heavy-duty design of the rotor, and rigorous tests to ensure the quality of the rotor.
3. Adopts integrated steel bearing structure.
4. The unique hammer plate fixtures, making the board more reliable.
5. Improved adjustment device, reducing downtime and maintenance time.
6. The choice of larger bearing specification, making carrying capacity higher.
7. Analysis of the rotor to ensure stable and reliable.

Application of Primary Impact Crusher

Primary impact crusher uses high wear-resistant materials, and the best crushing chamber, which makes extraordinary performance and is very suitable to crush various kinds of soft, medium hard ore, rough pieces of material, widely used in metallurgy, mining, cement, chemicals, refractory and ceramics, highway construction, water conservancy projects, building stone project and so on.

Working Principle of Primary Impact Crusher

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 adjustable primary and secondary impact plates. The materials will not pass to the secondary impact plate until being crushed and reduced to the size which the primary impact plate is adjusted to and will not pass to discharging chute until being crushed and reduced to the size which the secondary impact plate is adjusted to. By this adjustable impact plates the maximum size of output material can be controlled.

Technical Data of Primary Impact Crusher

P model	Spec.	Feeding size (mm)	Max. feeding size (mm)	Capacity (t/h)	Power (kW)	Weight (t)
PFP 1210	Φ1150X960	1100X1030	400	90-160	90-110	17.0
PFP 1214	Φ1150X1400	1100X1430	500	130-200	132-160	22.0
PFP 1315	Φ1300X1500	1200X1530	600	180-320	160-200	29.0
PFP 1318	Φ1300X1800	1200X1830	700	240-400	200-250	34.0

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

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