



ZHENG ZHOU YIFAN MACHINERY CO; LTD.

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PF Series Impact Crusher



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<http://www.yfcrusher.com>

PF Series Impact Crusher is a new product that absorbs advanced technologies at home and abroad. This Series equipment can crusher material which max feed size is less than 500mm, compression strength is not more than 320 Mpa (eg: granite, limestone, concrete etc.) With its excellent performance and good performance, Impact Crusher is widely used in highway, hydroelectric, artificial stone and sand, crushing and building material industry ect. PF Series Impact Crusher has such advantages as: simple in structure, large crushing ratio, low energy consumption, high output, light weight, cubic final product, and it is use

in mineral processing, chemical, cement, construction, refractory material, ceramics, glass, etc, such industrial sector for midium, fine and medium-hard materials. Eg: limestone, clinker, slag, carbon coke, coal etc. PF Series Impact Crusher has larger crushing ratio, and can make full use of the high-speed impacting energy of the entire rotor. However, due to the blow bar is easily to wear, so it is restricted in hard materials. So Impact Crusher is mainly usde in coarse, midium, and fine crush, such as, limestone, coal, Calcium Carbide, quartz, dolomite, sulfuration iron ore, gypsum, chemical raw material etc, under midium hard brittle material. the ideal size of PF Series Impact Crusher is from 100-500mm, the max feed size shouldn't exceed the specified value. Users can adjust the space between the hammer and Impact plate, components of the machine, then get the final product.

How impact crusher works?

The Impact Crusher is mainly used in secondary crushing; it can crush material whose crushing compression strength is not more than 320mp. It is suitable to produce high rank highway、hydroelectric and building material.

Working Principle of Impact Crusher

PF Series Impact Crusher use impact energy to crush materials. When the impact crusher works, the motor drives the rotor rotate of the impact crusher with high speed. When the materials get into the area which the

hammers effect, under the impact function of the hammer at a high speed, the materials 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, then discharged from the discharge port. Users can adjust the space between Impact Rack and Rotor Support, and then get to the expected size.

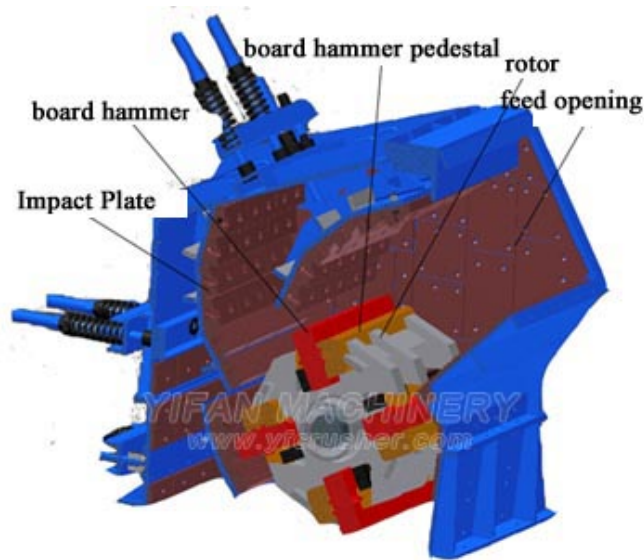


Chart of PF Impact Crusher

Performance and Benefits

1. Many cavity to crush, suitable for crushing hard rock.
2. Low and big feed opening make the production line easy to arrange and increase the size of feeding material.
3. New anti-abrasive material which prolong service life of impact hammer, impact plate and liner.
4. High-chromium plate hammer, unique Impact plate, especially for hard rock crushing, high efficiency and energy saving.
5. Hard stone crushing, high efficiency and energy saving.

- 6. Reasonable design of leveling plate making the finished material finer and cubic-shaped without internal cracks.
- 7. the shape of the products are cube, the discharge opening size can be adjusted.
- 8. Simplify the Crushing process.
- 9. Hydraulic start-up which is convenient for maintenance and replacement of wear-parts.



Impact crusher case

impact crusher data parameters:

Model	Rotor Spec(mm)	Max Feed Edge(m m)	Motor Power(k w)	Feed Opening Size(mm)	Capacity(t/h)	Overall Domensions(LxWxH) (mm)	Weight(t)
PF-0807	Φ850×700	300	30-45	400×730	15-30	2210×1490×2670	8.1
PF-1007	Φ1000×700	300	37-55	400×730	30-50	2400×1558×2660	9.5
PF-1010	Φ1000×1050	350	55-75	400×1080	50-80	2400×2250×2620	12.2
PF-1210	Φ1250×1050	350	110-132	400×1080	70-120	2690×2338×2890	14.1
PF-1214	Φ1250×1400	350	132-160	400×1430	130-180	2690×2688×2890	18.6



PF-131 0	Φ1300×105 0	400	110-160	490×1170	80-140	2780×2478×2855	16.2
PF-131 5	Φ1320×150 0	500	180-260	860×1520	160-250	3096×3273×2667	19.3
PF-141 5	Φ1450×150 0	950	220-315	1145×1520 0	220-450	3745×3022×3519	27
PF-152 0	Φ1520×200 0	700	315-440	830×2050	300-550	3581×3560×3265	36.5

For further details, please visit our website: www.yfcruiser.com .

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