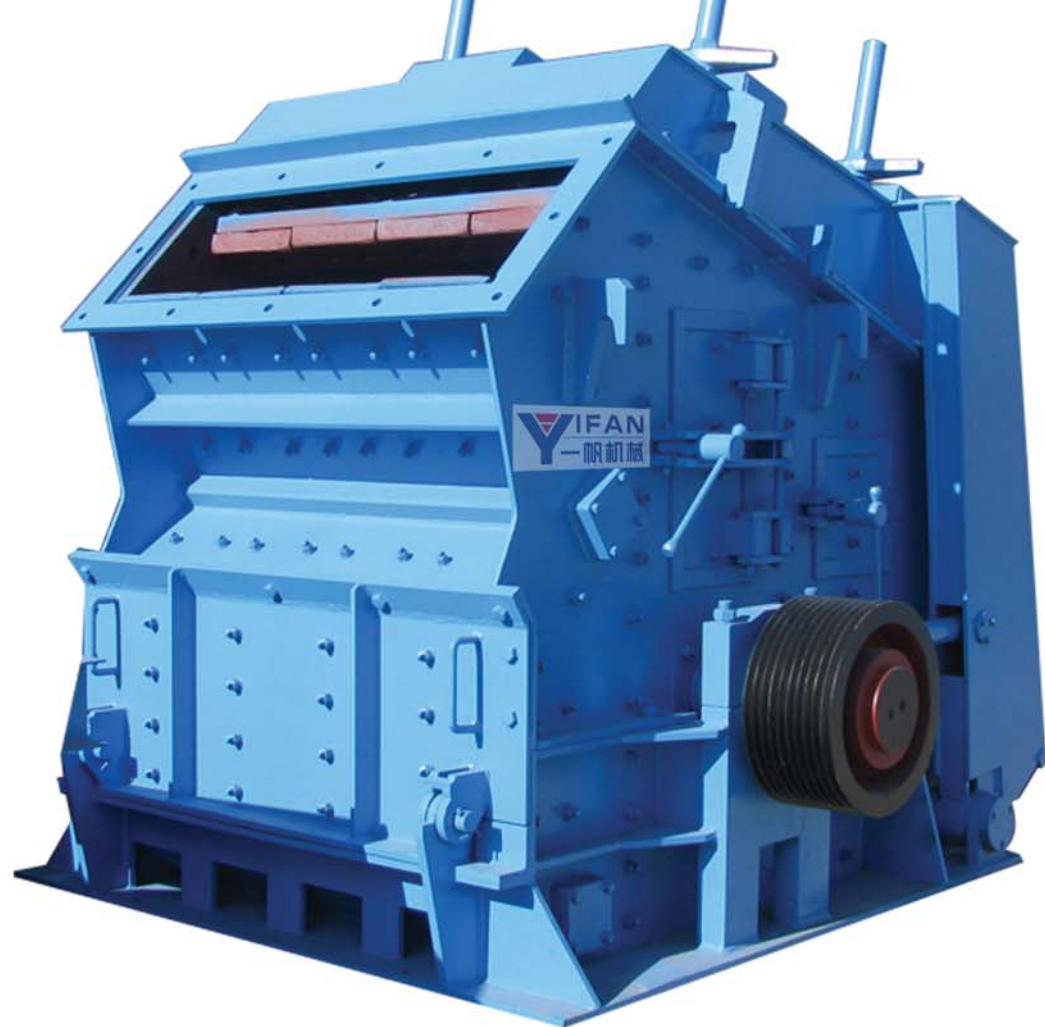


YIFAN

PF Series Impact Crusher



Leading crushing and screening equipment manufacturer in China

Zhengzhou YiFan Machinery Co.,Ltd(the share-holder is Shande Technology (Beijing) Co., Ltd) has its headquarter in Beijing. It is a famous manufacturer of crushing and screening equipment and provides series stone crusher and crushing equipment for customers.



YIFAN

ZHENGZHOU YIFAN MACHINERY CO.,LTD

Tel:+86 371 64628852 Web : www.yfcrusher.com Add : Zhengyuan Rd, Xingyang, Zhengzhou Henan 450100, China

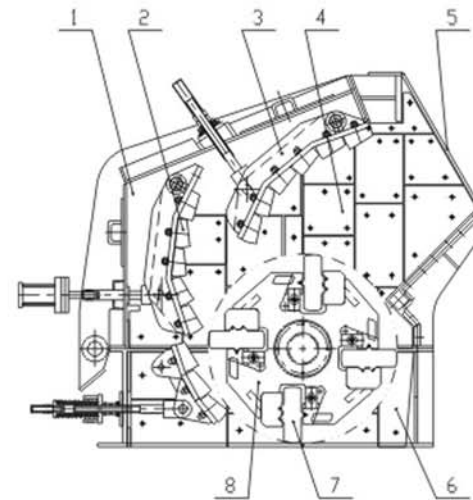
PF Series Impact Crusher is a new-type product through absorbing world advanced technology. It can crush material whose size is not more than 500mm and compression strength is not more than 320 Mpa(.granite, limestone, concrete.etc.). Impact crusher with its excellent performance is widely used in high grade highway, water and electricity, artificial aggregate, crushing, construction and other industries.

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,



Features and Benefits

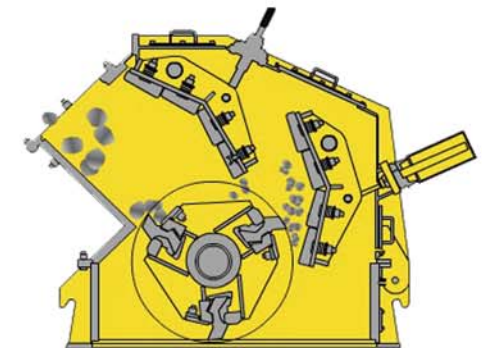
1. Multi-cavity to crush, suitable for crushing hard rock.
2. Low and big feed opening makes the production line easy to arrange and increases the size of feeding material.
3. New anti-abrasive material prolongs service life of impact hammer, impact plate and liner plate.
4. High-chromium plate hammer,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



- 1.Rear Case
- 2.Impact Plate
- 3.Impact Ract
- 4.Liner Plate
- 5.Feed Opening
- 6.Frame
- 7.Blow Bar
- 8.Rotor Support

Working Principle

The blow bar of rotor shaft is revolved by electric motor through v-belts, and crushing the feeding material , then the crushed material can be thrown to the impact plate , and crushed again , then return to the bars and be crushed for another time. This process will be repeated for several times until the material up to required graininess. Users can adjust the space between impact ract and rotor support to achieve the purpose of changing discharging size and shape.



Structural Drawing

Technical Date

| Model | Rotor Spec(mm) | Feed Opening(mm) | Max Feed Edge(mm) | Capacity (t/h) | Motor Power(kw) | Weight(t) | Overall Dimensionans(LxWxH)(mm) |
|---------|----------------|------------------|-------------------|------------------|-----------------|-----------|---------------------------------|
| PF-1007 | Φ1000×700 | 400×730 | 300 | 30-50 | 37-55 | 9.5 | 2400×1558×2660 |
| PF-1010 | Φ1000×1050 | 400×1080 | 300 | 50-80 | 55-75 | 11.6 | 2400×2250×2620 |
| PF-1210 | Φ1250×1050 | 400×1080 | 350 | 95-145 | 110-132 | 14.9 | 2690×2338×2890 |
| PF-1214 | Φ1250×1400 | 400×1430 | 350 | 130-180 | 132-160 | 17.1 | 2640×2370×2890 |
| PF-1310 | Φ1300×1050 | 490×1170 | 400 | 80-140 | 110-160 | 16.2 | 2640×2720×2890 |
| PF-1315 | Φ1320×1500 | 860×1520 | 500 | 160-250 | 160-200 | 19.3 | 3096×3273×2667 |
| PF-1415 | Φ1450×1500 | 1145×1520 | 950 | 220-450 | 220-315 | 27 | 3745×3022×3519 |
| PF-1520 | Φ1520×2000 | 830×2050 | 700 | 300-550 | 315-440 | 38.7 | 3581×3560×3265 |
| PF-1818 | Φ1800×1800 | 1600×1850 | 1000 | 600-850 | 650-900 | 75 | 4180×4200×4900 |



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