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# PF Impact Crusher

SHANGHAI MOUNTAIN RIVER MACHINERY CO.,LTD

CRUSH THE STONES, CONSTRUCT THE WORLD



## **PF Impact Crusher**



#### Introduction

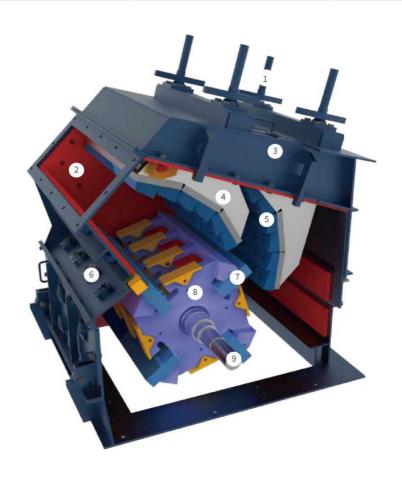
PF impact crusher is currently the most widely used crushing equipment for crushing medium-hard or soft materials. The suitable materials are pebble, limestone, granite, basalt, etc. The output size is adjustable and the broken process is simple. It is widely used in mining, metallurgy, cement, building materials, chemical industry, water and electricity, etc. Based on the technology of the traditional impact crusher, its crushing chamber and rotor have been optimized in design.

#### **Main Features**

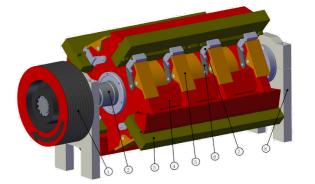
- The optimized cavity can produce better-shape aggregates.
- The optimized rotor can offer higher production efficiency.
- Easy adjustment, simple and reliable maintenance.
- High-manganese steel impact plate are fixed with bolts to achieve a higher utilization rate and convenient replacement, and the hammer plate made from high-chromium cast iron can have a longer service life.

#### **Main Structure**

| 1. Adjustment Device | 2. Rack Liner   | 3. Rear Rack  |
|----------------------|-----------------|---------------|
| 4. Counter Rack      | 5. Impact Liner | 6. Front Rack |
| 7. Blow Hammer       | 8. Rotor        | 9. Main Shaft |



| 1. Large Pulley         | 2. Rotor Shaft                         |
|-------------------------|--|
| 3. Blow Hammer          | 4. Rotor Body                          |
| 5. Guard Plate          | 6. Baffle                              |
| 7. Compression<br>Block | 8. Bearing Box Support Plate and Gland |



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### **Technical Parameters**

| Model  | Specifications of Rotor (mm) | Feeding<br>Opening<br>(mm) | Max.<br>Feeding<br>Size (mm) | Capacity<br>(t/h) | Power<br>(kW) | Overall Dimension (mm) |
|--------|------------------------------|----------------------------|------------------------------|-------------------|---------------|------------------------|
| PF1007 | Ф1000*700                    | 400*730                    | 300                          | 30-70             | 37-45         | 2330*1660*2300         |
| PF1010 | Ф1000*1050                   | 400*1080                   | 350                          | 50-80             | 55-75         | 2440*2250*2630         |
| PF1210 | Ф1050*1250                   | 400*1080                   | 350                          | 70-120            | 110-135       | 2700*2340*2870         |
| PF1214 | Ф1400*1250                   | 400*1430                   | 350                          | 80-160            | 132-160       | 2700*2440*2900         |
| PF1315 | Ф1300*1500                   | 860*1520                   | 350                          | 160-260           | 180-260       | 2860*2440*2900         |
| PF1320 | Ф1300*2000                   | 993*2000                   | 500                          | 280-380           | 250           | 3220*3100*3120         |
| PF1520 | Ф1500*2000                   | 830*2040                   | 700                          | 380-550           | 315-400       | 3959*3564*3330         |







