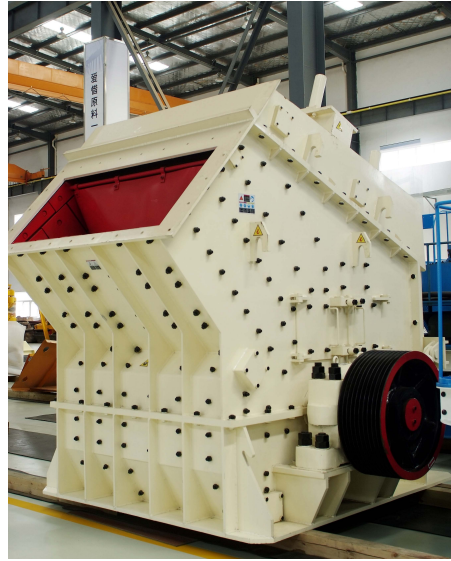


# Impact Crusher





## Overview

SBM impact crusher is a new product that absorbs advanced technologies at home and abroad. Impact crusher is suitable for materials whose compressive strength is under 360Mpa, and particle size is under 500mm. The company impact crusher features easy maintenance, high crushing ratio and crushing efficiency etc. With end products in cubic shape, impact crushers are the ideal crusher for aggregates processing in high-type highway building, water conservancy and power construction.

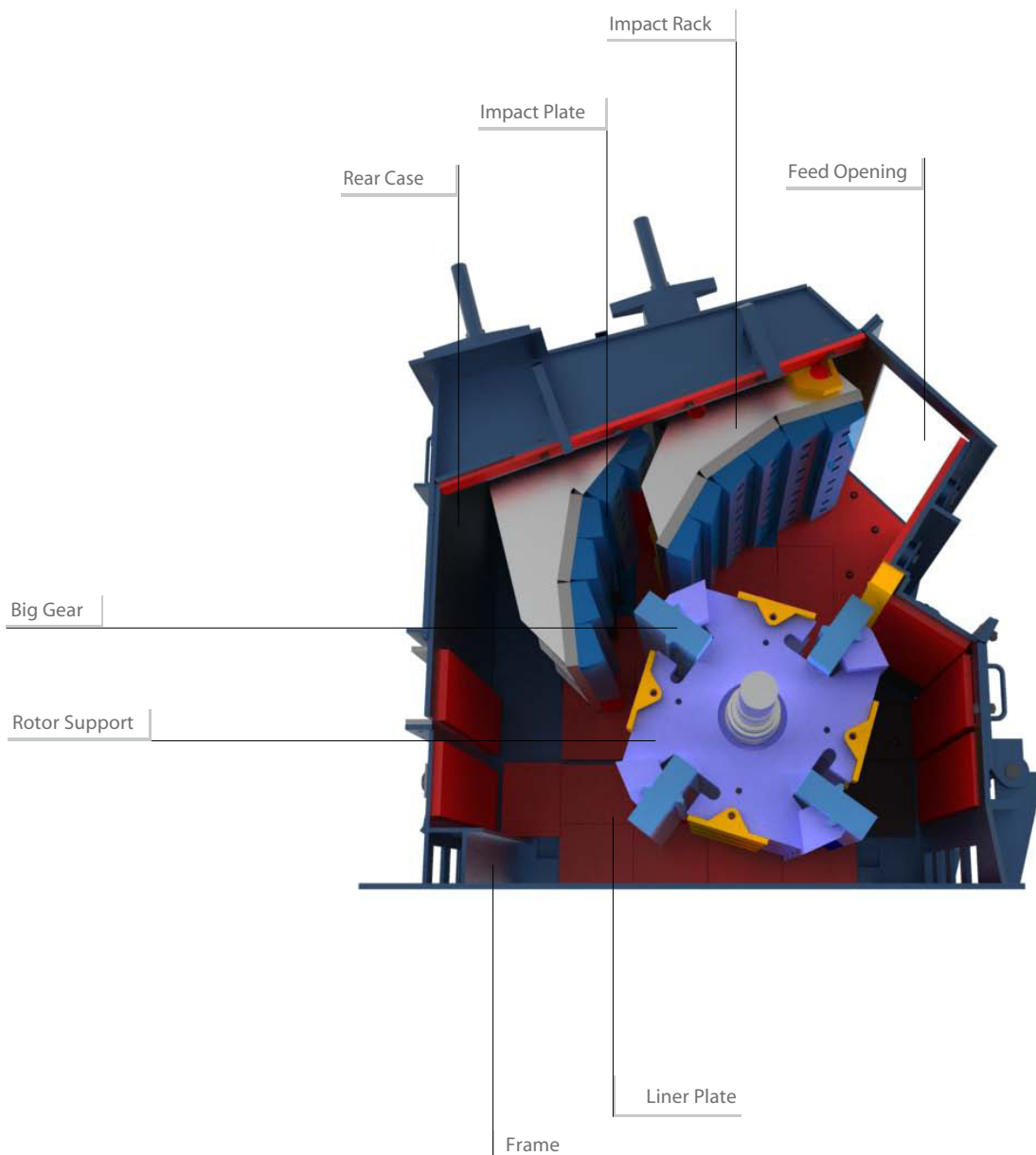
## Application

With excellent capacity and performance, the impact crusher is preferred to crush granite, limestone, river gravel, etc. The impact is suitable for materials whose compressive strength is under 360Mpa and side length is under 500mm.



# Main Structure

The impact crusher mainly consists of frame, rotor support, big gear, impact plate, impact rack etc.





## Working Principle

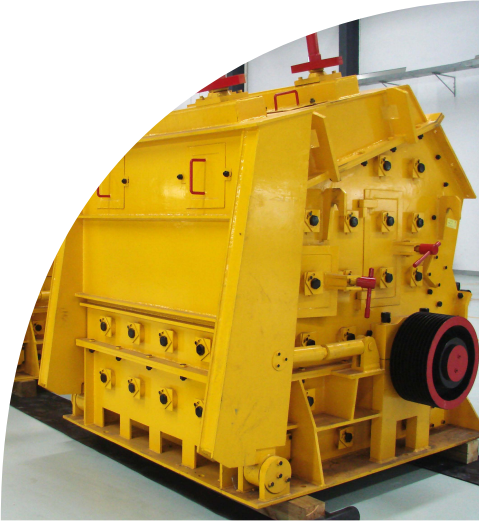
Impact crushers use impact energy to crush materials. Driven by the motor of the impact crusher, the rotor revolves at a high speed. Revolving blow bars in the rotor blow the materials. Then the materials will be thrown to the impact plates for secondary crushing. The materials in the impact crusher will be shot back to the blow bars again. This process repeats until the materials are crushed to the required size and discharged through the discharging opening at the bottom of the machine. Adjusting the gap between the impact rack and rotor support of the impact crusher, the size and shape of the end products can be changed.

## Maintenance

Impact crusher is a machine of high rotational speed and high inertia. To make sure the crusher runs normally, the engineer should follow several tips:

1. Make a rigorous testing before you start the impact crusher.
2. Check the lubrication system regularly, when the impact crusher system is running.
3. Feed the materials evenly to avoid stones of too big size and materials that can't be crushed.
4. Change the blow bar of the impact crusher timely, so the crusher can keep the balance for long time running.
5. There is a strong impact on the materials when the crusher is running, and the engineers should keep the machine sealed so as to stop the dust flowing into the air.





## Main Features & Benefits

1. The impact crusher is with unique simple structure, keyless connection.
2. Impact crusher is with high-chromium plating hammer and special impact liner plate.
3. The impact crusher is capable of highly efficient hard rock crushing while saving energy.
5. The final product of impact crusher is in the shape of a cube, the discharge grain size is adjustable to simplify the crushing circuit.
6. Easy maintenance.
7. Reliable performance .

## Technical Data

Model	Spec.(mm)	Feeder Opening (mm)	Max. Feeding Size (mm)	Crushing Capacity (t/h)	Motor Power (kw)	Weight (t)
<b>PF-1010</b>	Φ1000×1050	400×1080	350	50-80	55-75	12.6
<b>PF-1210</b>	Φ1250×1050	400×1080	350	70-120	110-132	14
<b>PF-1214</b>	Φ1250×1400	400×1430	350	80-160	132-160	18.6
<b>PF-1315</b>	Φ1300×1500	860×1520	350	160-260	180-260	24.2
<b>PFV-1010</b>	Φ1000×1050	400×1080	350	60-100	55-75	13.2
<b>PFV-1210</b>	Φ1250×1050	400×1080	350	70-150	110-132	15.2
<b>PFV-1214</b>	Φ1250×1400	400×1430	350	100-200	132-160	18.6
<b>PFV-1315</b>	Φ1320×1500	860×1520	350	150-300	180-220	24.5

Note: This specification is just reference, any changes are subject to the impact crusher products.



# Service

Since the establishment, Shanghai Shibang Machinery Co., Ltd has regarded "All is for clients" as its service goal and has provided high-quality, high-taste, high-efficient and all-around-way service for its clients.



Service Promise: from the design process to delivery, we do every step carefully to satisfy clients to the best.

## 1. Pre-sale services

Act as a good adviser and assistant of clients; enable them to get rich and generous returns on their investments.

- ◆ Select equipment model;
- ◆ Design and manufacture products according to clients' special requirement;
- ◆ Train technical personnel for clients;

## 2. Services during the sale

Respect clients; devote ourselves to improving the total value of clients.

- ◆ Pre-check and accept products ahead of delivery;
- ◆ Help clients to draft solving plans.

## 3. After-sale services

Provide considerate services to minimize clients' worries.

- ◆ Assist clients to prepare for the first construction scheme;
- ◆ Install and debug the equipment;
- ◆ Train the first-line operators on site;
- ◆ Examine the equipment regularly;
- ◆ Provide maintenance for big items.
- ◆ Provide technical exchanging;
- ◆ Provide perfect service;
- ◆ Distribute the guarantee fittings door-to-door;
- ◆ Take initiative to eliminate the troubles rapidly at site.





Impact Crusher

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*Any change of technical data shall not be advised additionally.*