

## Impact Crusher - Cone Crusher



### Impact Crusher

#### **Application:**

Shanghai Shibang series of impact crusher is widely applied in mining, transportation, energy, construction and chemical industry. They are ideal choice for crushing and screening. This machine features reasonable structure, high productivity, easy operation and maintenance and safe performance. The most outstanding advantage of impact crusher is that its finished powder is in good, cubic shape and without tensility and cranny.

#### **Features and Benefits of Impact Crusher:**

1. High reduction ratio and crushing efficiency.
2. No-board connection. The blow bar with high chrome (high chromed blow bar).
3. Impact plate with a special shape.
4. Crushed product with cubical shape.
5. Easy maintenance and reliable operation.

#### **Working Principle:**

This impact crusher crushes materials with impact force. When the materials enter the blow bar area, they are crushed due to the high-speed impact of the blow bar and are thrown to

the impact plates on the rotor for secondary crush. Then the materials will be shot back to the blow bar again for the third crush. This process repeats until the materials are crushed to the required size and discharged from the lower part of the machine. The size and shape of the finished powder can be changed by adjusting the gap between the impact rack and rotor support. The machine employs self-weight security device in its back frame. When other objects enter the impact cavity, they will be forced out of the machine by the impact rack in the front and back of the machine.

**Specification of Impact Crusher:**

Type	Spec.	Feeder Opening(mm)	Feeding Size (mm)	Crushing Capacity (t/h)	Motor Power (KW)	Weight (t)
PF-1007	Φ1000×700	400×700	300	35-50	37-55	9.45
PF-1010	Φ1000×1050	400×1080	350	50-80	55-75	12.6
PF-1210	Φ1250×1050	400×1080	350	70-120	110-132	14
PF-1214	Φ1250×1400	400×1430	350	80-160	132-160	18.58
PF-1315	Φ1300×1500	860×1520	500	160-260	180-260	24.2

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