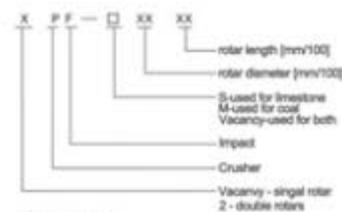




## Impact Crusher

### Advantages and characteristics

- Regular Size
- Easy Adjustment
- Simple Structure
- High Efficiency



Sign example:  
 → 700x500 Single rotor impact crusher for coal  
 Signed as: PF-M 0705 impact crusher

It is one of the main equipment to crush brittle material for coarse medium and finely crushing. For example: shale, sandstone, limestone, dolomite, coal, asbestos, graphite and rock salt. The features of impact crusher are big reduction ratio, high production capacity, product uniform particles, simple crushing circuit, simple structure, easy maintaining and using etc.

Our company has 30 year experience in designing and producing impact crushers. Our impact crushers are popular in domestic and overseas because of advance product design, reliable performance, work smoothly and low energy consumption.

Our impact crusher are divided into Single-rotor impact crusher and Double-rotor impact crusher.

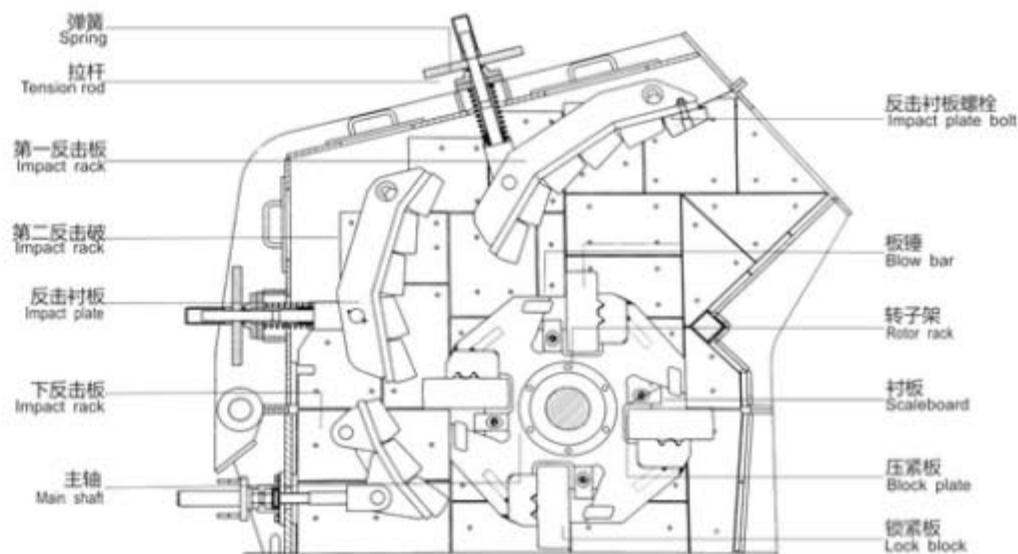
Single-rotor impact crusher consists of racking part, rotor part, back impact plate and front impact plate etc. The motor runs the rotor by V-belt pulley. The upper cavity of frame is installed with front and back impact plate. The stone material is first impacted and crushed by high rotating hammers fixed on rotors and then will be pounded to the front impact plate with big kinetic energy, after which the stone will be crushed again when rebounded to the turning radius of hammers. The crushed stone will be discharged when the stone size is smaller than the gap between the lower liner and the turning radius of hammers.

Double-rotor Impact Crusher adopts two single rotors installed in series. The first rotor is used for rough crushing and the other is for fine crushing. This type of crusher can be used for primary, medium and fine crushing. The Double-rotor Impact Crusher consists of two rotors installed in parallel with height difference between them, frame, two classes of crushing cavities fixed with impacting plates. The two rotors turn in the same direction with a high speed though V-belt pulley by two motors. The first class rotor can usually crush stone from 700mm to 100 mm, after which the 100mm stones can be crushed to below 20mm in the second cavity by the rotor and then will be discharged from the grid tray.

Shunda Impact Crusher is installed with spring adjusting device, which can protect the equipment when iron enters the cavity and may damage machine.

## 结构示意图

### Structural Drawing



### 主要技术参数 Main Technical Parameters

型号 model	进料口尺寸 Size Of Feed Opening (mm)	最大进料粒度 Max Feed Size (mm)	生产能力 Capacity (th)	电机功率 Motor Power (kw)	重量 weight (t)	外型尺寸 Dimension (mm)
PF-1007	820x700	300	24-45	55	9.5	400x1558x2660
PF-1010	1170x720	350	50-80	75	10	2532x1985x2196
PF-1210	1090x465	350	80-130	110	14	2638x2037x2713
PF-1214	1440x465	350	100-160	132	18	2580x2400x2810
PF-1315	1532x560	500	140-200	200	19.3	2840x2748x2556
PF-1316	1690x859	500	150-220	200	19.5	3096x2850x2667
PF-1515	1580x696	500	220-280	280	28.5	3553x2835x3277
PF-1620	1600x2080	800	350-450	560	47.5	3800x3350x3250
PF-1822	1500x2250	1000	550-860	630	90	4260x3550x3640