

## Hydraulic impact crusher

Hydraulic impact crusher are the latest development of impact crusher based on Shibang's more than 20 years experience and leading technology in Hydraulic impact crusher. Hydraulic impact crusher have the features of heavy duty rotor design, unique hammer locking system, interchangeable wearing parts, and easy maintenance. This series impact crushers provide customers low capital cost solutions, outstanding performance, good cubical shape, lowest operation cost per ton, and wide materials applications.



### Working Principle:

This machine uses the impact energy to crush the materials and it can change the granularity and size by adjusting the spare between the impact and rotor frame. and this machine adopts the spring secure equipment installed behind the impact plate. And when the non-crushing materials enter the crushing cavity, the front and back impact plate will retreat and then be discharged.

1. As it enters the hammer areas, the materials will be crushed as the high-speed impact from the hammer. And at the same time, they will be thrown into the impact equipment installed on the rotors, and then the secondary crush will begin.
2. After the secondary crushing, the materials will rebound to the hammer areas from the Impact Plate to be recrushed. This process will be circled, until the materials reach the specific sized.
3. The final products will be discharged from the discharging opening.

### Application:

The hydraulic impact crusher is mainly used for metallurgy, mining, cement, chemicals, refractory and ceramic industries sector. In highway construction, water conservancy projects, building rubble and sand processing, the crusher machine is also widely used.

### Technical Data:

Modele	Specification	Feed opening (mm)	Max feeding size (mm)	capacity (t/h)	Motor power (kW)	Weight (t)	Overall Dimension (mm)
PFW1210 III	Φ1150X960	570X990	250	70-120	90-110	15.0	2550X1870X2100
PFW1214 III	Φ1150X1400	570X1430	250	90-170	132-160	19.0	2550X2310X2100
PFW1315 III	Φ1300X1500	625X1530	300	180-270	160-200	25.0	2960X2570X2380
PFW1318 III	Φ1300X1800	625X1830	300	220-300	200-250	30.0	2960X2870X2380

Modele	pecification	Feed opening (mm)	Max feeding size (mm)	capacity (t/h)	Motor power (kW)	Weight (t)	Overall Dimension (mm)
PFW1210II	Φ1150X960	1100X1030	400	90-160	90-110	17.0	2400X1870X2550
PFW1214II	Φ1150X1400	1100X1430	500	130-200	132-160	22.0	2400X2310X2550
PFW1315II	Φ1300X1500	1200X1530	600	180-320	160-200	29.0	2700X2570X2800
PFW1318II	Φ1300X1800	1200X1830	700	240-400	200-250	34.0	2700X2870X2800

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

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