

# Hydraulic impact crusher

This machine is suitable for the soft, mid and hardness rocks and widely applied to the field of mining, metallurgy, fireproof materials, and chemistry. And it can also be used in the highway, construction stone crushing, water conservancy project and other areas.



## Structure Features of Hydraulic impact crusher

1. Advanced manufacturing materials; world-class crafts.
2. The rotor adopts the heavy design and the serious testing way.
3. Unique fixed way of the hammer.
4. The size of the bearing is bigger and so it is the bearing capacity.
5. The bearing seat adopts the integrative cast steel structure ,which can greatly strengthen its radial strength .

## Working Principle of Hydraulic impact crusher

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 .

## Hydraulic impact crusher technical data

S model	Spec.(mm)	Feed Opening (mm)	Max. Feed Size (mm)	Capacity (t/h)	Power (kW)	Weight (t)
PFW1210III	Φ1150X960	570X990	250	70-120	90-110	15.0
PFW1214III	Φ1150X1400	570X1430	250	90-170	132-160	19.0
PFW1315III	Φ1300X1500	625X1530	300	180-270	160-200	25.0
PFW1318III	Φ1300X1800	625X1830	300	220-300	200-250	30.0

## Hydraulic impact crusher(2)

S model	Spec.(mm)	Feed Opening (mm)	Max. Feed Size (mm)	Capacity (t/h)	Power (kW)	Weight (t)
PFW1210II	Φ1150X960	1100X1030	400	90-160	90-110	17.0
PFW1214II	Φ1150X1400	1100X1430	500	130-200	132-160	22.0
PFW1315II	Φ1300X1500	1200X1530	600	180-320	160-200	29.0
PFW1318II	Φ1300X1800	1200X1830	700	240-400	200-250	34.0

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