

PFW Hydraulic Impact Crusher

CRUSHING | GRINDING | QUARRY PLANT | SCREENING | WASHERS | FEEDING | CONVEYOR
Shanghai Joyal Mining Machinery Co., Ltd.





PFW Hydraulic impact crusher features heavy duty rotor design, unique hammer locking system, interchangeable wearing parts, and easy maintenance.

This Hydraulic impact crushers provide customers low capital cost solution, outstanding performance, good cubical shape, lowest operation cost per ton, and wide materials application.





Features

PFW Hydraulic impact crusher

improves the adjusting device, the operation becomes more convenient.

Hydraulic system.

Flexible application in primary and secondary crushing

PFW series impact crusher can be used both as primary crusher(P type, with two break curtain) and secondary crusher (Stype, with three break curtain). Ptype has higher crushing chamber and accept bigger feeding size. Stype has the third adjustable break curtain, gives higher reduction ratio and finer fraction sizes.

Easy operation and simple maintenance

Both the distance between rotor and breaking curtain and the opening or closing the crusher shell are done by hydraulic system. One lifting device(optional) is available for changing spare parts and maintenance.

Interchangeable liners

In a crusher, liners are not worn out at the same rate, All liners in PFW series impact crusher can be interchanged to compensate for areas with unequal wearing, This results in maximum utilization of wearing parts and further reduces operating costs.

Heavy duty rotor design

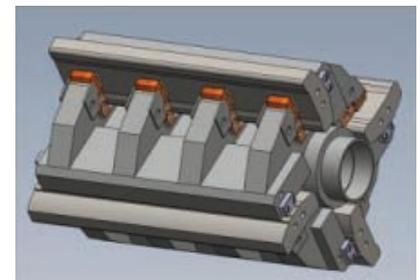
All PFW series impact crushers have a heavy duty and superior weight rotor, which deliver high inertia required for optimum crushing performance. These heavy duty rotors usually are 1.5-2 times heavier than the rotors of other competitor's comparable size, and ensure maximum inertia and superior impact forces, resulting in optimum reduction while maintaining cubical product shape.

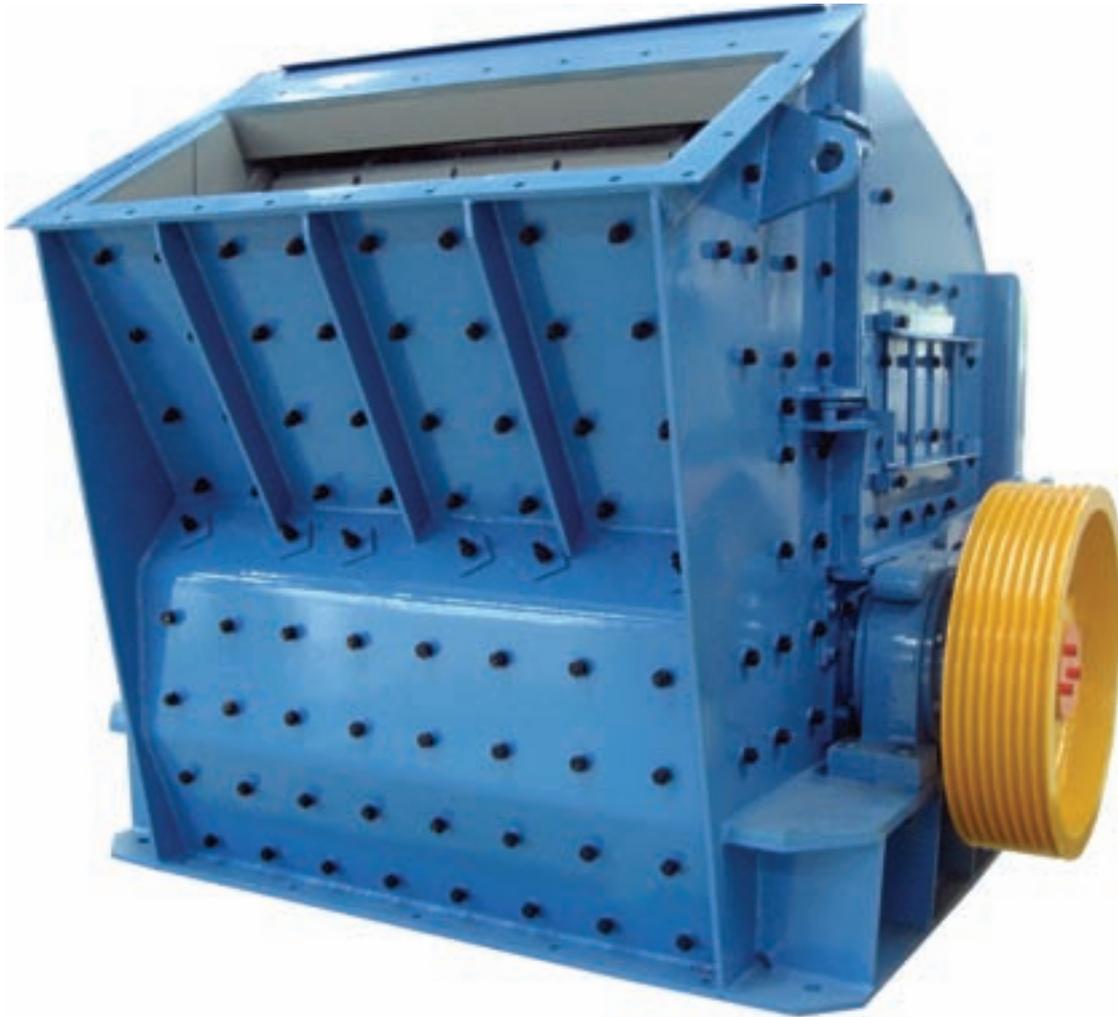
Unique hammer locking device

Hammer locking wedges fix the hammers both vertically and horizontally. It is very easy and quick to fit or remove the hammer. The rear of the hammer locks easily along the whole length of the backing plate and hammer, give solid abutment positioning and maintaining rigidity during operation.

Three-curtain cavity design.

The tri – cavity makes excellent capability in the fine crushing and super fine crushing Plant. The bi-cavity can simplify the process flow in the coarse crushing Plant.





Three-curtain cavity – hydraulic impact crusher

S model	Spec.	Feed opening size (mm)	Max. feeding size (mm)	Capacity (t/h)	Power (kW)	Weight (t)	Overall dimension (mm)
PFW 1210III	Φ1150X960	570X990	250	70-120	90-110	15.0	2550X1870X2100
PFW 1214III	Φ1150X1400	570X1430	250	90-170	132-160	19.0	2550X2310X2100
PFW 1315III	Φ1300X1500	625X1530	300	180-270	160-200	25.0	2960X2570X2380
PFW 1318III	Φ1300X1800	625X1830	300	220-300	200-250	30.0	2960X2870X2380

Two-curtain cavity – hydraulic impact crusher

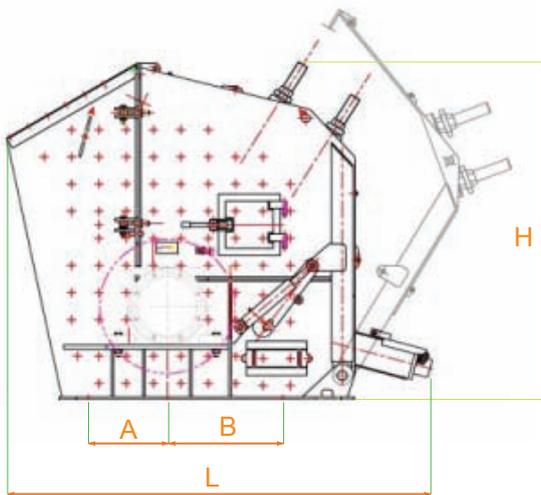
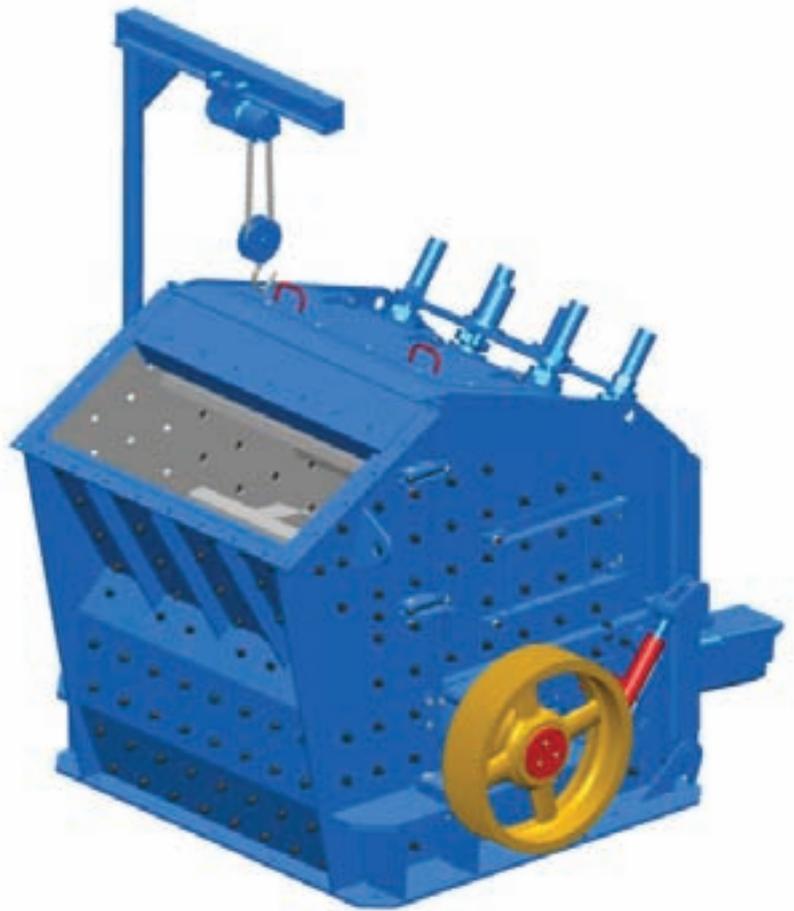
P model	Spec.	Feeding size (mm)	Max. feeding size (mm)	Capacity (t/h)	Power (kW)	Weight (t)	Overall dimension (mm)
PFW 1210II	Φ1150X960	1100X1030	400	90-160	90-110	17.0	2400X1870X2550
PFW 1214II	Φ1150X1400	1100X1430	500	130-200	132-160	22.0	2400X2310X2550
PFW 1315II	Φ1300X1500	1200X1530	600	180-320	160-200	29.0	2700X2570X2800
PFW 1318II	Φ1300X1800	1200X1830	700	240-400	200-250	34.0	2700X2870X2800

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

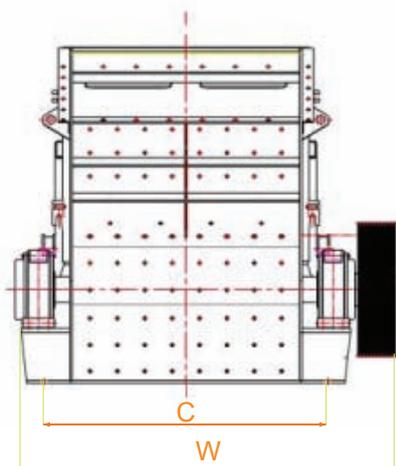


MORE EXCELLENT RUNNING PERFORMANCE

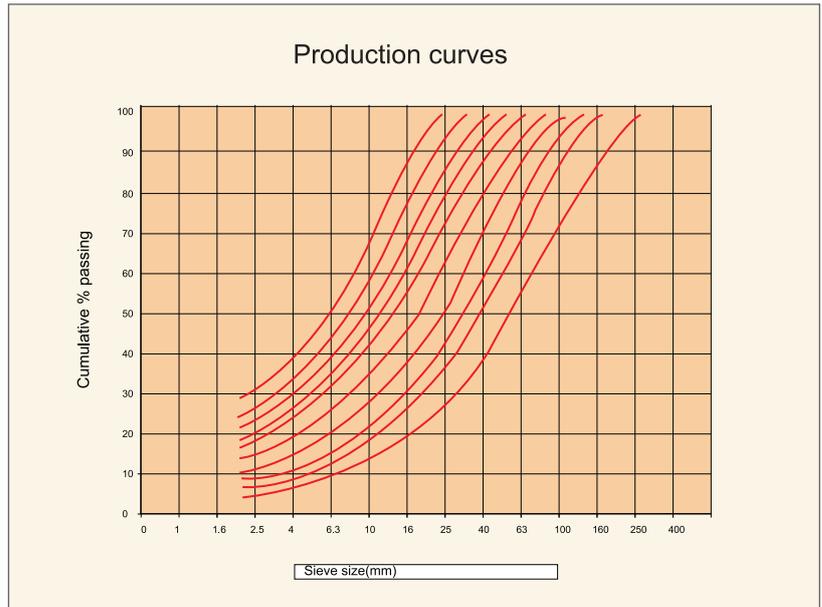
– JOYAL crusher



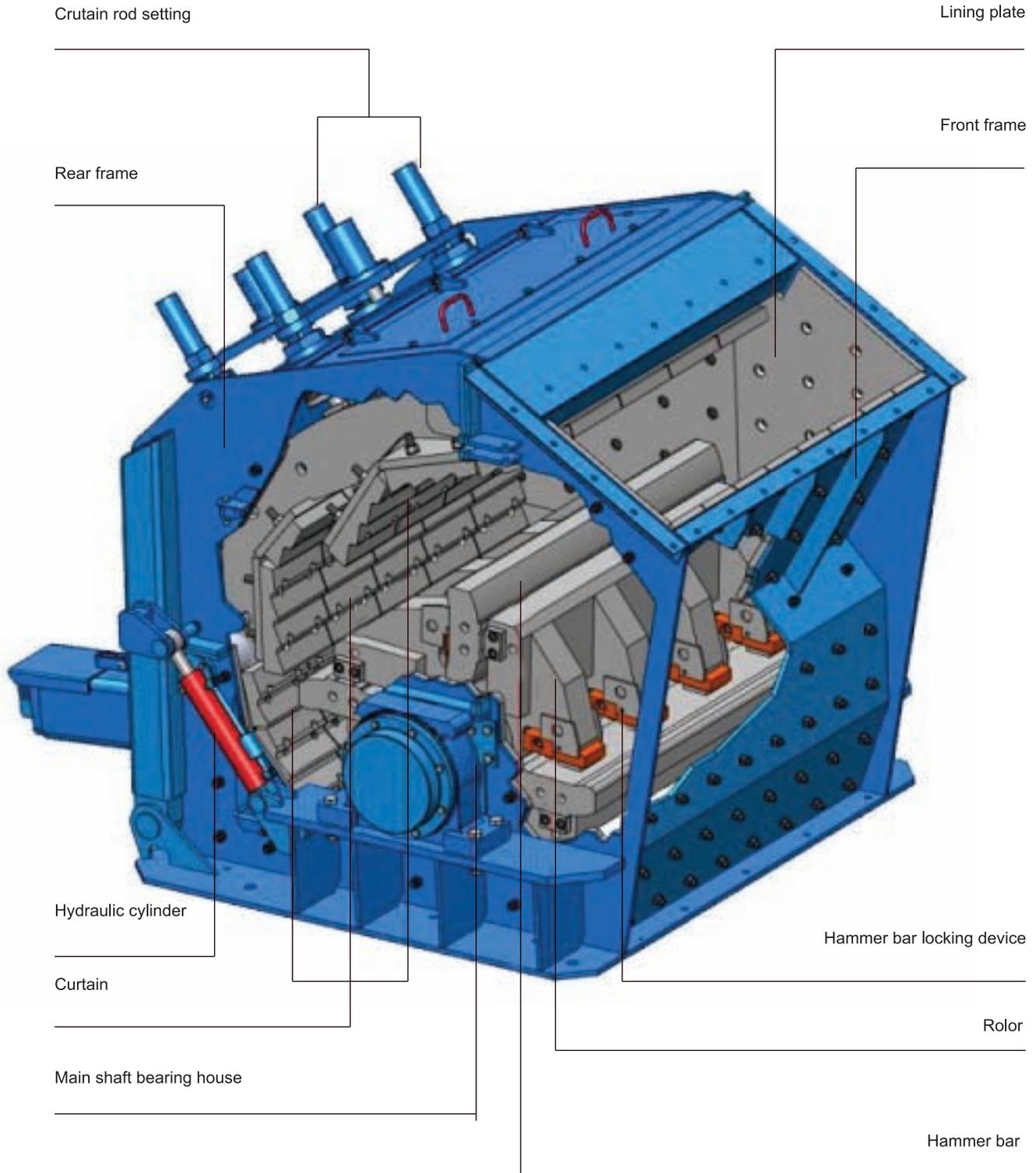
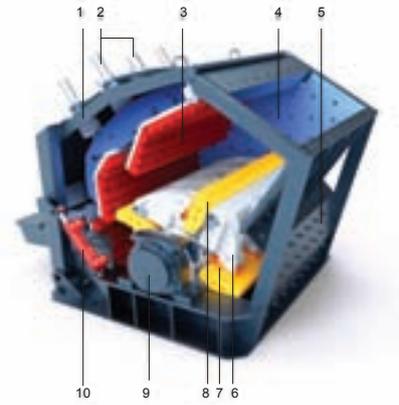
Model	L	W	H	A	B	C
PFW 1210	2550	1870	2100	600	650	1352
PFW 1214	2550	2310	2100	600	650	1792
PFW 1315	2960	2570	2380	550	800	1972
PFW 1318	2960	2870	2380	550	800	2172



Model	L1	W1	H1	A1	B1	C1
PFW 1210	2400	1870	2550	600	650	1352
PFW 1214	2400	2310	2550	600	650	1792
PFW 1315	2700	2570	2800	550	800	1972
PFW 1318	2700	2870	2800	550	800	2172



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