



European Type Impact Crusher

Brief Introduction:

European Type Impact Crusher is our latest generation of product with the international advanced-level quality, which is designed and produced based on Liming Heavy Industry absorbing the latest technology of impact crusher in the world. The impact crusher with two crushing cavities can simplify the process flow in the coarsely -medium crushing operation process. While the impact crusher with three crushing cavities can be used in the fine crushing and ultra fine crushing.



Highlights:

- (1) Adopting the world-level manufacturing process; selecting manufacturing material at the most significant end.
- (2) Design of the heavy rotor and strict detection means guarantee high quality of rotor.
- (3) Integral cast steel structure is adopted for bearing base.
- (4) Higher reliability of plate hammer with unique fixing device.
- (5) Less time of downtime and maintenance with improved adjustment device.



- (6) Its own open-top device can rapidly complete replacement for spare parts such as hammer head.
- (7) The larger bearing is adopted and with higher bearing capacity.
- (8) The stability and reliability can be guaranteed through analyzing the rotor.



Working Principle:

This type of impact crusher use impact energy to crushing the materials. When materials enters the working area of plate hammer, they are impacted then crushed by plate hammer at a high speed, and are thrown into the impact device installed at the upper part of the rotor for re-crushing, then rebounded into the working area of plate hammer from the impact scaleboard for re-crushing. This process is repeated until materials are crushed into demanded granularity and are discharged from lower part of the machine. The granularity and the shape of the materials can be changed by adjusting the gap between the impact frame and the rotor shaft. Spring safety device is adopted behind impact plate of the machine. When non-broken materials enter the crushing cavity, the front and rear impact frame fall.



Technical Data:

Table 1: for crusher with three crushing chambers

Model	Rotor size (mm)	Feed opening (mm)	Max. Feed size (mm)	capacity (t/h)	Power (kW)	weight (t)	Overall dimension (mm)
PFW1210 III	Φ1150×960	570×990	250	70-120	90-110	15	2550×1870 ×2100
PFW1214 III	Φ1150×1400	570×1430	250	90-170	132-160	19	2550×2310 ×2100
PFW1315 III	Φ1300×1500	625×1530	300	180-270	160-200	25	2960×2570 ×2380
PFW1318 III	Φ1300×1800	625×1830	300	220-300	200-250	30	2960×2870 ×2380
PFW1415 III	Φ1400×1500	625×1350	350	280-350	200-250	30	3120×2650 ×2660

Table 2: for crusher with two crushing chambers

Model	Rotor size (mm)	Feed opening (mm)	Max. Feed size (mm)	capacity (t/h)	Power (kW)	weight (t)	Overall dimension (mm)
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PFW1210 II	Φ1150×960	1100×1030	400	90-160	90-110	17	2400×1870 x2550
PFW1210 II	Φ1150×1400	1100×1430	500	132-200	132-160	22	2400×2310 x2550
PFW1315 II	Φ1300×1500	1200×1530	600	180-320	160-200	29	2700×2570 x2800
PFW1318 II	Φ1300×1800	1200×1830	700	240-400	200-250	34	2700×2870 x2800
PFW1415 II	Φ1400×1500	1300×1530	700	300-480	200-250	30	2900×2700 x3000

Notice: Any change of European Type Impact Crusher technical data shall not be advised additionally.

Contact Us:

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