

Impact Crusher



Brief introduction

Impact crushers is widely used as secondary stone crusher in quarrying, mining, metallurgy, building and construction materials industries. Especially used for basalt, granite, cobblestone, limestone etc.

Features

- 1.Connected with locking sleeve assembly.
- 2.Final product with cubical shape.
- 3.The blow bar with high chrome.
- 4.Easy maintenance. Hydraulic or hand opening.
- 5.High reduction ratio and crushing efficiency;

Main parts

Impact crusher is mainly made by frame, main shaft, rotor, blow hammer, impact rack, impact liner, protection liner, flywheel, feed opening, discharge opening.

Working principle

When the impact crusher works, the motor drives the rotor rotate with high speed, on the rotor where installed the hammers. When the materials get into the area which the hammers effect, under the impact function of the hammer at a high speed, the materials are thrown to the impact device above the rotor continuously. And then the materials are rebounded from the impact liner to the area where the hammers effects for being recrushed. The materials from large to small all to be crushed at the impact chamber repeatedly. The process won't stop till the material are crushed to the required size and then discharged from outlet.

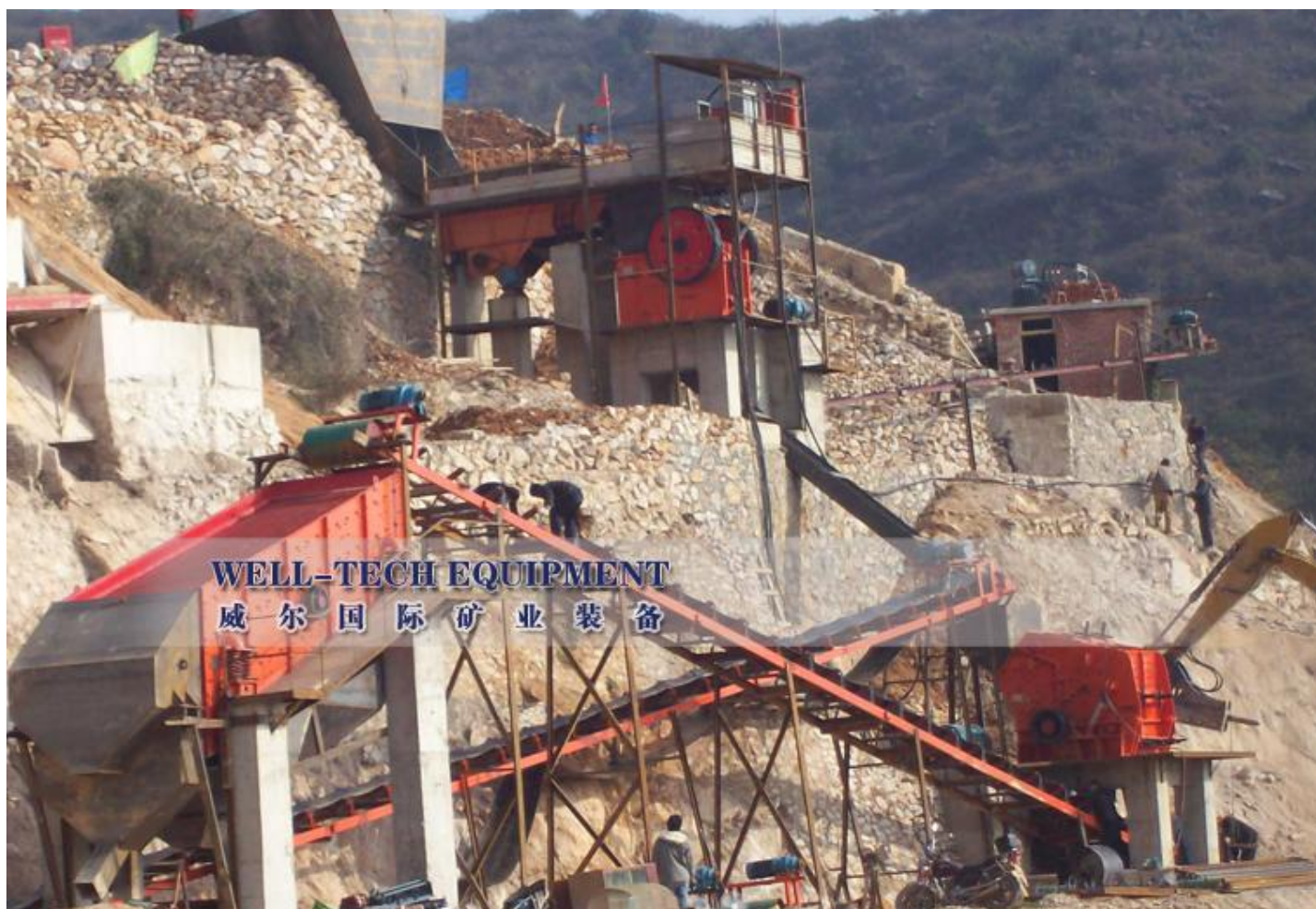
Specification of Impact crusher :

Model	Rotor size (mm)	Feed opening (mm)	Max feed size (mm)	Capacity (t/h)	Power (Kw)	Dimensions (mm)
PF-1007	Φ1000*700	400*730	300	37-50	30-55	2400*1560*2600
PF-1010	Φ1000*1050	400*1080	350	55-80	55-75	2440*2250*2650
PF-1210	Φ1250*1050	400*1080	350	60-120	110-132	2700*2340*2900
PF-1214	Φ1250*1400	400*1430	350	130-180	132-160	2700*2690*2890
PF-1315	Φ1300*1500	860*1520	350	150-220	150-220	3100*3280*2670

Application:



Secondary crushing equipment



Quarry crushing plant



Making sand plant crusher



vertical shaft impactor



impact mill rock crusher