

 **HAMAC**

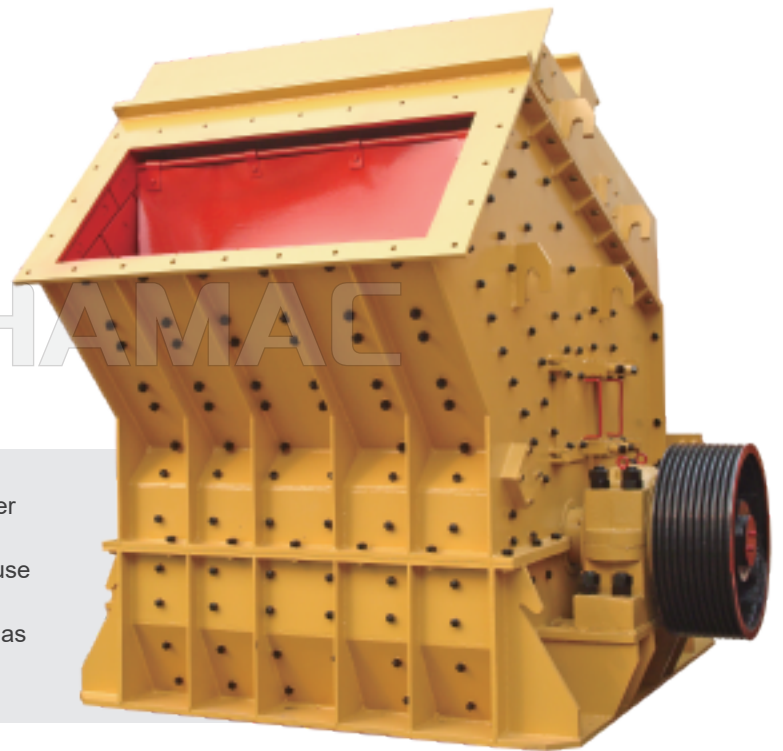
 **HAMAC**

IMPACT CRUSHER

ZHENGZHOU HAMAC AUTOMATION EQUIPMENT CO., LTD

WWW.HAMACCHINA.COM

IMPACT CRUSHER



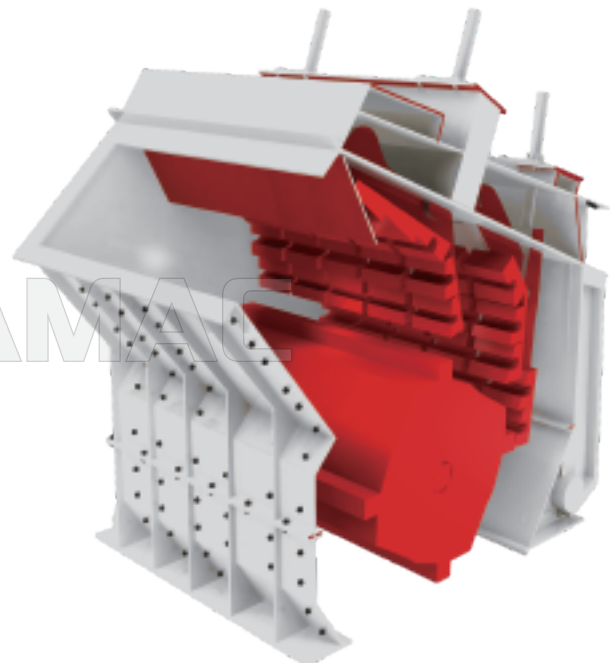
INTRODUCTION

Impact crusher is usually used as secondary crusher to crush the stone which is not so hard such as limestone, barite and construction waste etc. Because its working principle is to crush the stone by impact force, it is called as impact crusher. It is also called as horizontal shaft impact crusher.

For the impact crushers, there are two different types because of their usage. One is primary impact crusher, its feed opening is big, it can crush the big size stone bigger than 150mm; another one is secondary impact crusher or tertiary impact crusher, it is a 3 cavity impact crusher, it is usually used to crush the stone which is smaller than 150mm.

WORKING PRINCIPLE

Driven by the motor, the rotor rotates at high speed with the blow bar on the rotor, the stone is fed into the impact crusher cavity and is crushed by the blow bar, and then is thrown to the impact plates to be crushed again, and then bounces back from the impact plate liner. Re-crushing in the action zone of the blow bar, this process is repeated, the material enters the first, second, third impact chambers from large to small for repeated crushing. When the aggregates size of the crushed stone is smaller than the gap between the blow bar and the impact plate, it is discharged from the lower part of the impact crusher machine. Adjusting the gap between the impact frame and the rotor can change the output size. In an aggregate crushing plant, closed circuit impact crusher works together with a vibrating screen can produce the aggregates and sand as the size you need.



ADVANTAGES

Impact Crusher



1. Low feeding height and large feed opening, it is more convenient for the production line selection and bigger feeding size;
2. Unique structure, keyless connection, strong rigidity and large rotor moment of inertia. High chromium blow bar, impact resistance, wear resistance.
3. The crushed stone shape is cubical and round shape. The size of the discharge particle size is adjustable, which simplifies the crushing process.
4. New wear-resistant material for longer life of blow bars, impact plates and liner plate;
5. The disadvantage is that the output aggregates from the impact crusher is with too much dust, it is not good for some projects requirement;
6. It is only suitable for some soft rock and medium hardness stone, if it is used to crush the hard stone, the life of impact crusher blow bars and other impact crusher parts will be very short;



TECHNICAL DATA

Impact Crusher

Model	Rotor size(mm)	Feed opening(mm)	Max. Feeding size(mm)	Capacity(t/h)	Motor Power(kW)	Weight (t)	Dimensions (mm)
PF-1007	Φ1000×700	400×730	300	30-70	37-45	12	2330×1660×2300
PF-1010	Φ1000×1050	400×1080	350	50-90	45-55	15	2370×1700×2390
PF-1210	Φ1250×1050	400×1080	350	70-130	110	17.7	2680×2160×2800
PF-1214	Φ1250×1400	400×1430	350	100-180	132	22.4	2650×2460×2800
PF-1315	Φ1320×1500	860×1520	500	130-250	220	27	3180×2720×2620
PF-1520	Φ1500×2000	830×2040	700	300-550	315-400	506	3959×3564×3330
PF-1620	Φ1600×2000	2000×1600	500	400-700	400-500	58	4259×3660×3450
PF-1820	Φ1800×2000	1260×2040	800	600-800	630-710	83.21	4400×3866×4009

* Note: HAMAC follows the principle of the perfecting the performance of the products, material and specification may changed without advice.

GALLERY

Impact Crusher





WHY CHOOSE HAMAC?

HAMAC Automation Equipment Co., Ltd is a professional supplier for construction machinery located in Zhengzhou and Qingdao, China. Based on the two manufacture bases, HAMAC's Parent company occupies big market in domestic market, and built agents and distributors in China mainland. HAMAC is treated as an international brand to promote the overseas market. We are becoming a famous global brand in construction machinery industry.

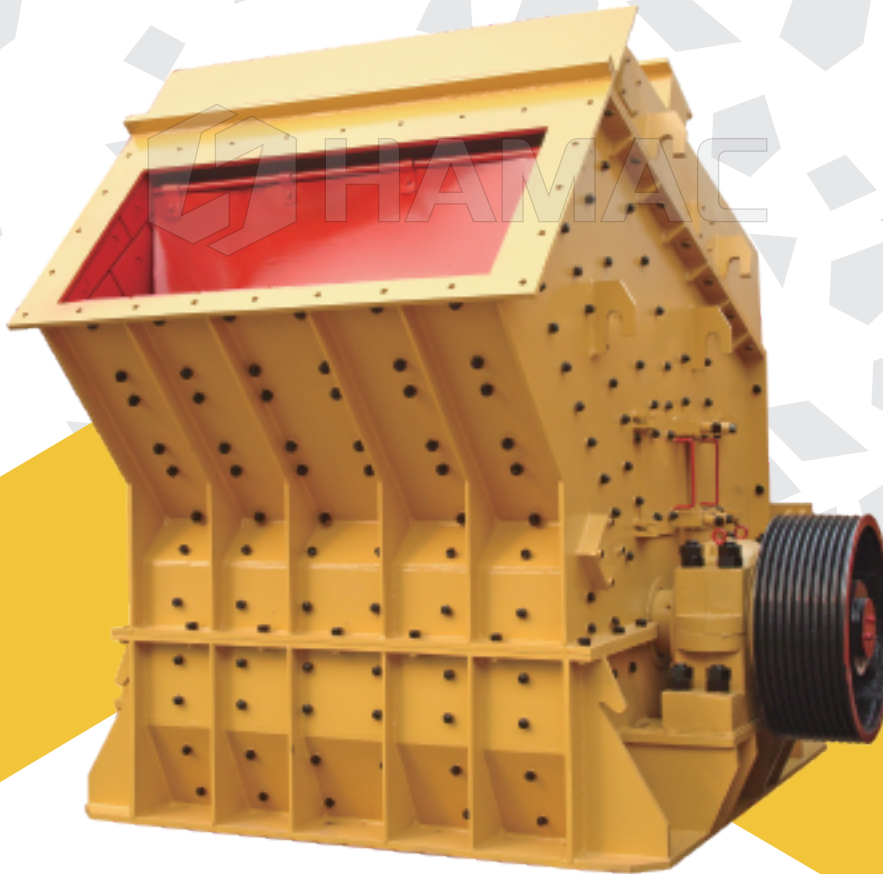


HAMAC owns a strict quality control system to select our suppliers, to check all the products from HAMAC also; HAMAC does not pursue a high profit, but with reasonable profits to cover basic cost and to confirm the quality; HAMAC provides our clients with professional exporting service in addition to products, to make your purchase experience satisfied.





TO BE YOUR DEVOTED PARTNER



IMPACT CRUSHER



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