

Impact Crusher

Operating Instruction

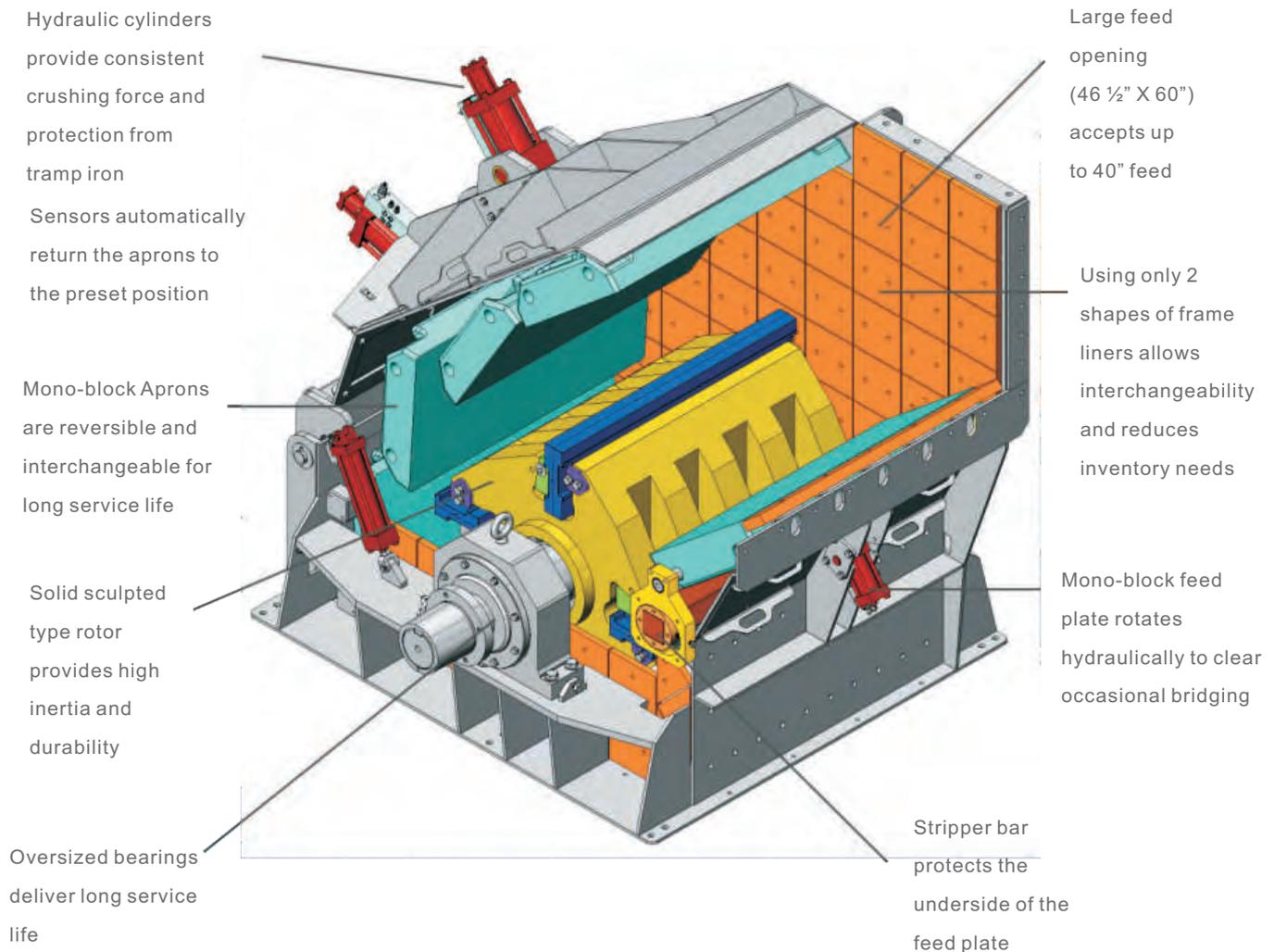


Henan Shibo Heavy Machinery Co., Ltd.

Overview

This series impact crusher is a new generation crushing machine which is researched and manufactured by absorbing domestic and foreign advanced technology and combining the actual working condition of the domestic sand and stone industry. It adopts the latest manufacturing technology and unique structure, and the final products are in the form of cube and have no tension and fissure and have good particle shape.

It is able to crush coarse, medium and fine materials such as granite, limestone and concrete whose feeding granularity does not exceed 500mm and compression strength does not exceed 350MPa in many industries such as ore crushing, railway, highway, energy, cement, chemistry and construction. The size of the discharging granularity is adjustable, and the crushing specifications are diverse.



✓ Applied material:



Andesite



Granite



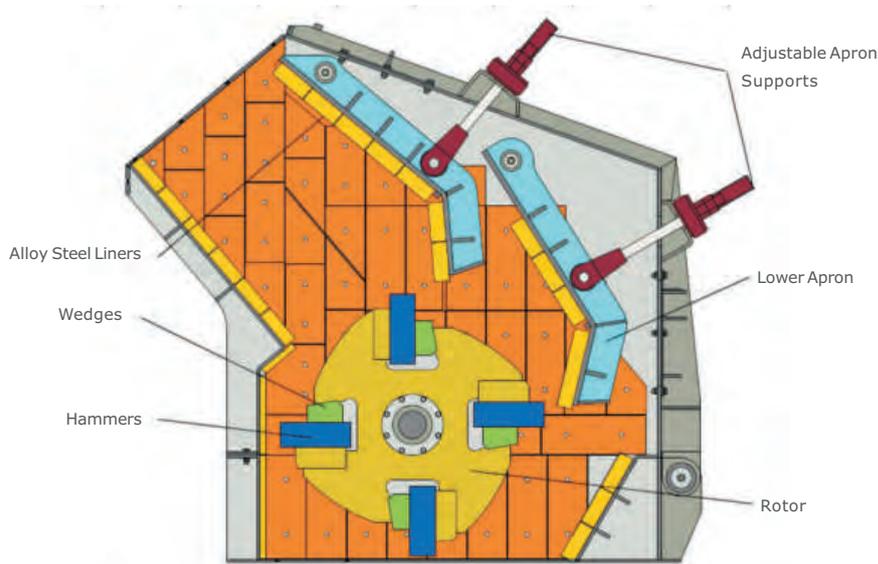
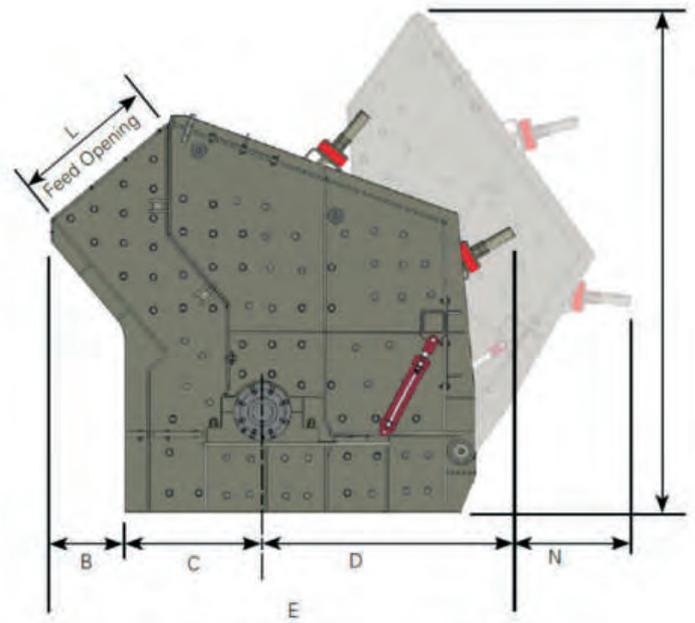
Limestone



Iron ore

Why choose us?

- 1 Big crushing ratio, cubic particles of finished product.
- 2 No tension and cracks.
- 3 Long lifespan of wearing parts.
- 4 Cheaper than cone crusher, big capacity, better particle size, uniform appearance.
- 5 Simple craftsmanship, lower operation cost and simple maintenance.



Features

Processing capacity: 30-800t/h

Feed opening: 400×730-1260×2040mm

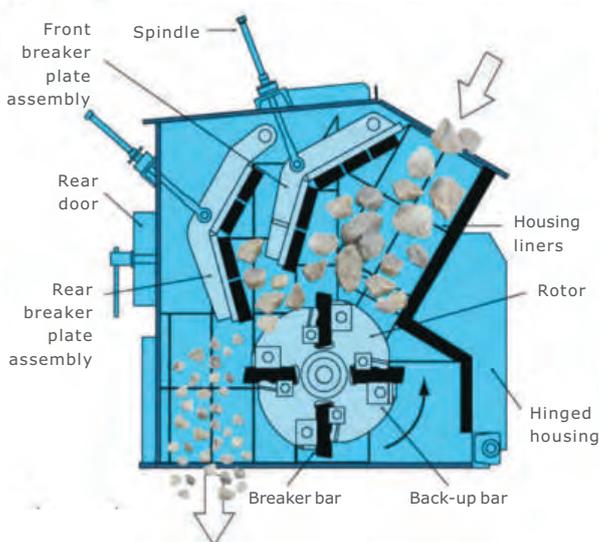
Feeding size: 300-700mm

Volume weight: 12-83.21t

Applied material: limestone, granite, coal, slag, clay.

Working principle

Stone materials fall from the upper end of the impact crusher directly into the high-speed revolution rotary table. Under the high speed centrifugal action, these materials have high velocity impact with those flying stones at high speed spreading all around the turntable in an umbrella shape and get crushed in high density. After materials are impact from each other, they will move in eddy current between the turntable and the main case of the impact crusher and then they have multiple striking, rubbing and crushing until they are discharged from the bottom tank. The impact crusher adopts closed circuit manifold cycles and makes sure the particle size of the materials controlled by the screening equipment.



Technical data

Model	Specifications (mm)	Feed opening (mm)	Max.feeding size length (mm)	Capacity (t/h)	Power (kw)	Total weight (t)	Dimensions (L×W×H) (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	200	27	3180×2720×2620
PF-1520	Φ1500×2000	830×2040	700	300-550	315-400	50.6	3959×3564×3330
PF-1820	Φ1800×2000	1260×2040	700	600-800	630-710	83.21	4400×3866×4009

Advantages

1. The impact crusher has features of simple structure, small volume, little weight, high production, low production cost, big feed port, tall crushing cavity and suitable for materials with good hardness.
2. The minerals are crushed along the joint surface, thus realizing low power consumption and high efficiency.





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