

Impact rock crusher machine

Impact rock crusher machine brief introduction:

SBM series impact rock crusher (sales code: PF) is a new product by absorbing advanced technologies from home and abroad. The impact rock crusher machine is ideal choice for crushing and screening. The most outstanding advantage of this machine is that its finished power is in good, cubic shape and without tensility and cranny. So the final products of the impact rock crusher machine is ideal used in highway and railway surface as well as water and electricity industry.

Impact rock crusher machine is suitable for:

SBM impact rock crusher is optimized and widely applied in the primary and secondary crushing process. This impact rock crusher is applicable for various coarse, medium, fine materials(such as granite, limestone, concrete, basalt, bluestone etc.), whose grain size not exceeding 500mm and compression strength not higher than 360Mpa. SBM impact rock crusher machine is widely applied in mining and construction, transportation, energy and chemical industry.

Impact rock crusher machine features and impact rock crusher benefits:

- 1) The hammer of the impact rock crusher machine is made of high chromium cast iron.
- 2) Impact liner plate is made of wearable materials.
- 3) The impact rock crusher machine is with unique structure, keyless connection.
- 4) The impact rock crusher machine is more suitable for crushing hard rock with environmental protection and high efficiency.
- 5) Final product of the impact rock crusher machine is in the shape of a cube; the discharge grain size is adjustable to simplify the crushing circuit.
- 6) Easy maintenance and reliable performance.
- 7) Hydraulic or hand opening ,either way is possible

Impact rock crusher machine working principle:

SBM impact rock crusher machine use the impact energy to break rock or other materials. When the impact rock crusher works, the motor drives the rotor where the plate hammers fixed rotate with high speed .The raw materials are crushed in the crushing cavity. And the high-speed rotating rotor casts the crushed materials along tangential direction to impact plate at the other end of the crushing cavity. The materials are crushed again, and then, they return to the plate hammer to undergo the process above repeatedly. The materials are bumping with each other when being sent between the plate hammer and the impact plate. The materials become cracked, loose and then comminuted by knocking by the plate hammer, impact with impact plate and bump between materials. The materials with grain size smaller than the gap between impact plate and plate hammer will be discharged.

Impact rock crusher machine specification:

Type	Spec.	Feeder Opening(mm)	Feeding Size (mm)	Crushing Capacity(t/h)	Motor Power(KW)	Weight(t)
PF-1010	Φ1000×1050	400×1080	350	50-80	55-75	12
PF-1210	Φ1250×1050	400×1080	350	70-120	110-132	14
PF-1214	Φ1250×1400	400×1430	350	130-180	132-160	18.6
PF-1315	Φ1320×1500	860×1520	500	160-250	180-260	19

Impact rock crusher machine image:



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