



BARODA IRON & ENGINEERING CO. PVT. LTD

INNOVATIVE TECHNOLOGY for CRUSHING



B I E P L

HORIZONTAL SHAFT IMPACTOR

Application

Baroda Iron Horizontal Shaft Impact Crusher is non-reversible type and it is an excellent choice especially output and productivity demands are stringent. It is used to handle soft to very hard material with limited fine generation.

Heavy Duty Horizontal Shaft Impact Crusher is used for Black Trap, Potash, Lime-stone or any other high-density material.

Slow Speed Horizontal Shaft Impact Crusher is used for Coal, Gypsum or any other high-density material.

- Different grades of steel and cast iron for the blow bars with the possibility of ceramic inserts, make it purely customized as per need.
- Hydraulically operated door opening
- Self-Rotor Rotation system (SRR) is available for all the crusher which allows positioning of rotor during the maintenance period while changing the blow bars or adjusting the breaker plates without human intervention inside the crusher

Operating Principle

This is Blow Bar type Crusher. Solid blow bars are mounted on rotor. Crushing is done by "Impact force" of material on breaker plate by rotating blow bar. The broken pieces are further broken by striking with high velocity against breaker plate.

Configuration

- Full hydraulic breaker plate adjustment setting can be provided as optional
- Third breaker plate can be provided as optional

Advantages

- High and constant through put capacity
- Optimal design for ease of maintenance
- High level of operational safety
- Final grain with high cubic proportion
- High reduction ration
- Easy replacement of wear part.

Technical Data Sheet

Models	Max. Power (KW)	Rotor RPM	Through Put Capacity (TPH)	Max. Feed Size (mm)
BIH – 86	45	1000 – 1500	25 – 30	70
BIH – 88	55	1000 – 1500	35 – 45	70
BIH – 108	55	1000 – 1500	50 – 60	90
BIH – 1010	75	1000 – 1500	65 – 75	90
BIH – 1210	90	1000 – 1500	80 – 90	115
BIH – 1212	135	1000 – 1500	100 – 110	115
BIH – 1412	150	1000 – 1500	140 – 160	200
BHI – 1414	190	1000 – 1500	180 – 200	200

Note:

Baroda Iron & Engineering Co. Pvt. Ltd. reserves the right to make changes to the information on this data sheet without prior notification to users.



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