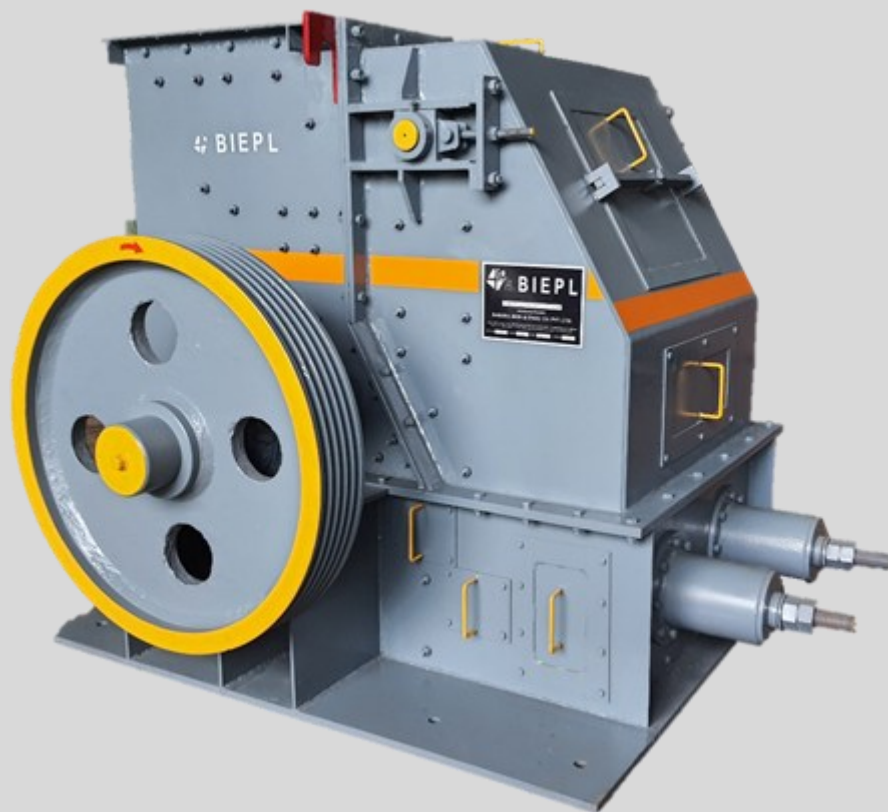




BARODA IRON & ENGINEERING Co. Pvt. Ltd.



General Duty Impact Crusher

Innovative
Technology for Crushing

Application

Baroda Iron crusher is an excellent choice especially if your output and productivity demands are stringent.

BIEPL General Duty Impact Crusher is horizontal shaft, fixed blade, open bottom and non-reversible Impact crusher, normally used for soft and medium hard material like, Coal, Lignite, Slag and Limestone. It's ideal choice for fluidized bed boiler which requires output less than 6mm with lesser fine.

Operating Principal

Feeding material from top enters into crushing chamber and crushing takes place between rotating fixed blades (blow bars) and grinding wall. Material is crushed by shearing and attrition at some extent at lower part of crushing chamber results into product with lesser fines. Uniform feeding at control rate required is mandatory for uniform wearing patten and cubical product.

Construction

Crusher has mainly three parts. 1. Housing 2. Rotor and 3. Breaker wall with Grinding jib

Upper portion of housing is hinged for opening to have easy access for maintenance. Housing opening can be manual or hydraulically operated. Housing is provided with multiple inspection doors for maintenance.

Rotor drum is made of mild steel material, keyed to the shaft. Required numbers of blades (Blow bars) made of suitable wear resistance material are fitted to the drum through counter shunk bolts.

Drive shall be of V-belt drive with flexible or fluid coupling suitable to application. Manual or centralized greasing is provided.

One number curved plate with required numbers of grinding jibs of suitable wear resistance material is hinged at the top, and spring-loaded threaded spindle assembly at bottom for gap setting, also act as safety device against un-crushable material.

Key features

- Higher reduction ratio
- Limited fines
- High crushing efficiency
- Easy maintenance
- Suitable for fluidized bed boiler, coal washery, sponge iron plant

Size Selection

Roll Diameters – 800mm to 1600mm

Roll Width – 600mm to 2000mm

Sizes are totally customized and are selected suitable to application and requirement.

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.

BARODA IRON & ENGINEERING Co. Pvt. Ltd.

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