

# Tertiary Impact Crusher

The tertiary impact crusher is effective and reliable for crushing grinding materials, refractory materials, cement, silica sand, and steel shot. This crusher saves 50% energy compared to traditional fine crushers, making it an advanced fine crushing equipment.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Fine Crushing Solution

The Tertiary Impact Crusher is a high-performance machine designed for fine and medium crushing of brittle materials like cement, silica sand, and refractory products. It utilizes advanced impact technology and a high-speed rotor design to achieve superior crushing efficiency while saving up to 50% on energy compared to traditional models. Engineered for reliability, this crusher features an adjustable discharge opening and robust construction to ensure long-term stability and minimal maintenance in demanding industrial environments.

## Performance Metrics

### Operational Performance

**37 kw**

Minimum Power

**315 kw**

Maximum Power

**5 mm**

Min Discharging Size

**10 mm**

Max Discharging Size

## Technical Data

### Technical Specifications

Model	Feeding Size (mm)	Power (kw)	Weight (t)
800x400	<120	37	3.9
800x600	<180	37	4.5
800x800	<180	45	6
1010x1010	<180	55	10.5

## Application

### Suitable Materials

Coal, Ganguer, Coke, Slag, Fine Sandstone, Shale, Limestone, Cement Clinker, Quartz Sand, Copper Ore, Iron Ore, Gold Ore

## Features

### Key Advantages

- High crushing efficiency and energy saving
- Adjustable discharge opening (5-50mm)
- Advanced abrasion-resistant material design
- Simple maintenance and high running rate
- Controlled grain size stability