

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