

Soft Rock Hammer Crusher

This machine directly crushes materials with a maximum granularity of 600-180 mm down to 25 mm or below. It is suitable for medium and fine crushing of medium-hard materials in industries like cement, chemistry, power, and metallurgy.



ADDITIONAL IMAGES



Product Overview



Robust industrial hammer crusher designed for medium-hard mineral processing.

High-Efficiency Hammer Crusher

This single-stage crushing machine is designed for the medium and fine crushing of medium-hard materials. By utilizing high-speed rotating hammers that impact, cut, and split material, it efficiently processes feed sizes of up to 600mm down to 25mm or less. The system is ideal for industrial applications in sectors such as cement, chemistry, power, and metallurgy.

Application

Typical Materials

- Coal
- Gypsum
- Salt
- Limestone
- Shale

Suitable Industries

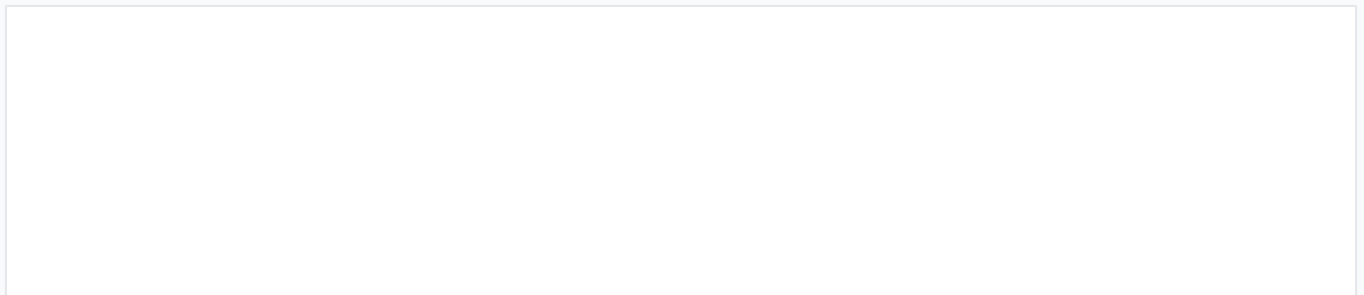
Cement, Chemistry, Power Plant, Metallurgy, Mining, Aggregate Production

Technical Specifications

Crusher Technical Data

Model	Feed Size (mm)	Capacity (m ³ /h)	Motor Power (kW)	Weight (t)
PC1400x300	d200	5-10	11	0.8
PC1600x400	d250	10-22	22	2.26
PC1800x600	d250	18-40	55	4.8
PC11000x800	d350	25-50	75	5.9
PC11000x1000	d350	30-55	90	8
PC11250x1250	d350	35-65	132	14
PC11400x1400	d350	50-100	280	32
PC11600x1600	d350	100-150	480	37.5

Mechanism



High-speed rotor design ensuring efficient material impact and reduction.

Impact-Based Crushing

The machine operates through a high-speed rotating rotor equipped with hammers. Materials enter the chamber and are subjected to impact, cutting, and splitting. Gravity assists the process, guiding material against baffle and grate bars until it reaches the required granularity to pass through the screen.