

# Hammer Crusher

The hammer crusher is a single-stage crushing machine. It efficiently reduces materials from 600-1,800mm down to 25mm or smaller.



## Product Overview

### High Output Hammer Crusher

This single-stage hammer crushing machine is designed for efficient material reduction, capable of processing large input materials of 600-1,800mm down to 25mm or smaller. It utilizes a high-speed impact mechanism to crush medium-hard materials, making it an ideal solution for industrial sectors such as cement, chemistry, power generation, and metallurgy. The unit features a robust, sealed design to minimize dust pollution and ensure operational longevity.

## Performance Specifications

### Key Performance Metrics

**1800 mm**

Max Input Size

**25 mm**

Output Size

## Technical Features

### Key Features

- Anti-abrasion and anti-impacting hammer technology
- Adjustable output granularity
- Sealed structure to prevent dust pollution and ash leakage
- Simplified maintenance design with minimal wear parts

## Applications

### Suitable Industries

Cement, Chemistry, Power Station, Metallurgy

## Operation

### Impact Crushing Principle

The crusher operates on the principle of high-speed impact. Materials entering the chamber are struck by rotating hammers and propelled against baffle and grate bars. This repetitive impact and grinding process continues until the material is reduced to a size smaller than the grate bar gap, at which point it is discharged.