

# Jaw Crusher for Stone and Ore Processing

This jaw crusher is utilized as a primary crusher for various stone and ore production lines. It is applicable in mining, building materials, highways, railways, water conservancy and chemical industries for crushing materials with compressive strength up to 320MPa.

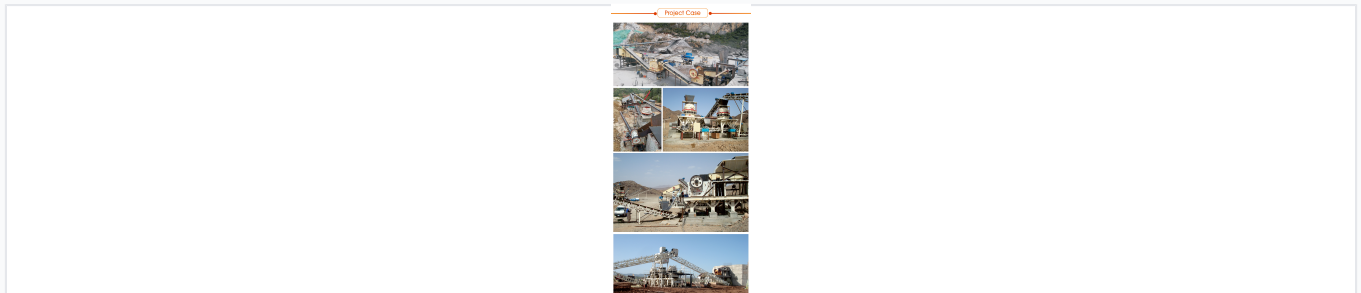


## Overview

### High-Efficiency Primary Jaw Crusher

The PE Jaw Crusher serves as a robust primary crushing solution for diverse stone and ore production lines. Engineered for high reliability and efficiency, it is suitable for industries including mining, smelting, and construction, capable of processing materials with a compressive strength of up to 320 MPa. Its design optimizes grain size, increases cubic output, and ensures long-term durability through high-quality materials and simplified maintenance.

## Applications & Usage



Primary crushing operation in a large-scale mining project.

|  |  |
|--|--|
| <b>Suitable Industries</b>               | Mining, Smelting, Building Materials, Highways, Railways, Water Conservancy, Chemical Industry |
| <b>Max Material Compressive Strength</b> | 320 MPa  |

## Technical Specifications

### Model Specifications

| Model       | Input Size (mm) | Max Feed (mm) | Capacity (t/h) | Motor (kW) |
|-------------|-----------------|---------------|----------------|------------|
| PE400x600   | 400x600         | 340           | 20-65          | 30         |
| PE500x750   | 500x750         | 425           | 50-100         | 55         |
| PE600x900   | 600x900         | 500           | 60-165         | 75         |
| PE750x1060  | 750x1060        | 630           | 120-320        | 110        |
| PE800x1060  | 800x1060        | 640           | 130-340        | 110        |
| PE900x1200  | 900x1200        | 750           | 210-460        | 132        |
| PE1000x1200 | 1000x1200       | 850           | 280-560        | 160        |
| PE1200x1500 | 1200x1500       | 1020          | 400-800        | 220        |
| PE1500x1800 | 1500x1800       | 1200          | 520-1100       | 280        |

## Key Features

### Product Advantages

- High capacity and stable performance
- Advanced crushing principles for larger crushing ratios
- Durable moving jaw assembly made of high-quality steel casting
- Heavy-duty forged eccentric shaft for higher load capacity
- Simplified structure for easier maintenance and reduced downtime
- Improved grain shape with higher cubic proportion and fewer needle-like flakes