

Jaw Stone Crusher for Mining

This jaw crusher is widely used in the mining industry for crushing stones. It features a simple structure, stable performance, easy maintenance, and a high crushing ratio.



Product Overview



Heavy-duty PE Jaw Stone Crusher designed for primary crushing of hard materials like granite and basalt.

High-Efficiency Jaw Crusher

The PE Jaw Stone Crusher is a robust solution widely utilized in the mining, quarrying, and construction industries for primary material reduction. Engineered for reliability, it features a heavy-duty frame, high-manganese steel components, and a symmetrical V-shaped crushing chamber to ensure consistent, high-ratio crushing performance. Designed for ease of maintenance and operational safety, this crusher is suitable for processing hard and abrasive materials like granite, basalt, and river stone.

Key Features

Key Advantages

- High crushing ratio
- Stable and reliable performance
- Simple, durable structure
- Easy maintenance procedures
- Advanced wedge-style discharge adjustment

Design & Construction

Construction Highlights

Cast Steel Bearing Pedestal, Forged Eccentric Shaft, Symmetrical V-Shaped Chamber, High-End Manufacturing Materials, Finite Element Analysis Design

Operational Process

Working Principle

Phase	Action
Upward Stroke	Angle between jaws increases, pushing the movable jaw toward the fixed jaw to extrude and crush material.
Downward Stroke	Angle decreases, allowing the movable jaw to retract and discharge crushed material from the outlet.

Maintenance & Adjustment

Adjustment Capabilities

Wedge Discharging Adjustment • Quick Setup • Enhanced Safety • Simplified Maintenance