Stone Jaw Crusher

Stone jaw crushers feature a modular, non-welded frame construction. This design provides high fatigue strength, long service life, and diverse mounting options.

ADDITIONAL IMAGES

Overview

High-Performance Stone Jaw Crusher

This stone jaw crusher features a revolutionary modular, non-welded frame structure designed to provide maximum fatigue strength and long service life. Engineered with high-quality cast steel components and top-tier round roller bearings, it ensures reliable operation across diverse crushing applications. The machine utilizes a proven motor-driven eccentric shaft mechanism to deliver efficient primary crushing, offering a cost-effective solution for mining and construction operations.

Technical Specifications

Frame Construction	Modular, non-welded
Key Components	Cast Steel, Round Roller Bearings, Eccentric Shaft, Toggle Plate, Flywheels
Drive System	Motor-driven via belt and belt wheels

Operational Details

Crushing Mechanism

The crusher is driven by a motor through belt and belt wheels, which moves the jaw plate up and down via an eccentric shaft. When the movable jaw descends, the angle between the fixed and movable jaw plates decreases, crushing the material. As the movable jaw rises, the angle increases, allowing the jaw to pull away from the fixed plate, assisted by a tie bar and spring, while the final product is discharged from the lower outlet.

Industry Applications

Mining • Quarrying • Construction • Aggregate Processing • Recycling