

Quick Lime Briquette Press

This machine presses powdery lime into dense, uniform briquettes for easier handling and reduced dust. It is designed for efficient production in mining, construction, and other industrial applications.



Product Overview

Industrial Quick Lime Briquetting

This specialized press machine is engineered to transform powdery materials like quick lime into consistent, high-density briquettes. By utilizing a high-pressure compaction mechanism, it effectively reduces dust emissions and optimizes material handling for transport and industrial use. The system features advanced hydraulic protection to ensure equipment longevity and flexible pressure adjustment to meet specific density requirements.

Key Features

Operational Benefits

Dust Reduction, Uniform Briquette Density, Hydraulic Overload Protection, Flexible Production Adjustment, Improved Transport Characteristics

Technical Mechanism



A detailed view of the industrial briquette press system, highlighting the feeding hopper and compaction rollers.

Hydraulic Protection and Roller Safety

The machine employs an integrated hydraulic cylinder and pump system that exerts axial force on the compression rollers. In the event of material overload or foreign objects, the system triggers a relief valve, allowing the rollers to shift and create a gap. This automatic buffering mechanism protects the core components from mechanical damage during operation.

Operational Capabilities

- Auto-relief valve for hard object bypass
- Adjustable ball density settings
- Hydraulic axial displacement
- Continuous feeding mechanism