

Lime Briquetting Machine for Powder Compression

The lime briquetting machine is designed to compress lime powder into briquettes for easier handling and use. It improves material utilization and reduces waste in industries such as metallurgy, chemical processing, and energy production.



Overview

Industrial Lime Briquetting Solution

This lime briquetting machine is a next-generation solution designed to convert various industrial powders, including quicklime, coal, iron, and gypsum, into manageable briquettes. By utilizing advanced roller technology and high-pressure compression, it significantly improves material utilization, reduces waste, and enhances transport efficiency. The machine features a robust construction suitable for demanding environments in metallurgy, chemical processing, and power generation.

Applications

Supported Materials

Coal Powder, Iron Powder, Coke, Aluminum Powder, Scrap Iron, Sinter, Toner, Carbon Dust, Slag, Gypsum, Tailings, Sludge, Kaolin, Activated Carbon, Quicklime

Technical Specifications



The machine features heavy-duty rollers and a high-pressure hydraulic system for consistent briquette formation.

Performance Metrics by Model

Metric	FTM-360	FTM-400	FTM-500	FTM-650
Hourly Output (t/h)	4	8	11	18
Annual Output (million tons/y)	1	2	3	5
Power (kW)	7.5	11-15	18.5-22	20-30
Mainshaft Speed (r/min)	18	15	13	13

Roller Configuration

- Roller material: 65Mn, 9cr2Mn, Alloy steel
- Roller breadth: 250mm - 336mm
- Roller diameter: 360mm - 650mm

Pressure Systems

Oblique Iron Constant Pressure • Axle Bed Pull Rod • Hydraulic Type

Spherical Size

User defined