

Mineral Powder Briquetting Machine

The mineral powder briquetting machine is engineered for reliable performance, offering multi-functional capabilities and strong compression. It is suitable for enterprises of all sizes and can process various materials, including coal powder, iron powder, and other mineral fines.



Overview



Consistent raw material texture ensures uniform briquette quality.

High-Pressure Mineral Briquetting Solution

This industrial briquetting machine is engineered for high-pressure compaction of various mineral powders, including coal, iron, aluminum, and chemical residues. Designed for reliability and efficiency, it transforms loose waste materials into uniform, transportable briquettes, significantly improving resource utilization. Its robust construction and versatile performance make it an ideal solution for mining, metallurgical, and chemical processing facilities seeking to optimize production and reduce environmental impact.

Applications

Target Industries

Mining • Metallurgical • Chemical • Power Plant • Energy • Transport • Heating

Compatible Materials

Coal Powder, Iron Powder, Coking Coal, Aluminum Powder, Slag, Gypsum, Tailings, Sludge, Kaolin, Activated Carbon, Coke Breeze

Technical Specifications



Robust machine design engineered for continuous operation in demanding environments.

Machine Performance Data

Model	Yield (t/h)	Roller Width (mm)	Roller Dia (mm)	Power (kw)
WLXM-360	4	250	360	7.5
WLXM-400	8	280	400	11-15
WLXM-500	11	300	500	18.5-22
WLXM-650	18	336	650	20-30
WLXM-750	25	400	750	45
WLXM-850	35	500	850	75
WLXM-1250	70	650	1250	130

Key Features



The machine produces consistent briquettes, turning waste materials into valuable industrial products.

Operational Advantages

- High ball making rate
- Low power consumption
- Compact structure
- Easy maintenance and debugging
- High-pressure compaction