Twin-Roller Briquette Compactor

The twin-roller briquetting machine enhances pressure to process materials like magnesia, bauxite, dolomite, and iron powder. Precise processing enables the formation of denser ball bases, widely utilized across metallurgy, chemical, coal, and fireproofing material sectors.

Product Overview

A detailed view of the twin-roller briquette machine showing the material feeding hopper and compression assembly.

Industrial Briquette Compaction

The twin-roller briquette compactor is an essential machine for metallurgy, chemical processing, and fireproofing industries. By utilizing high-pressure roller technology, it efficiently converts raw powders into dense, high-quality ball pellets. This robust system is specifically engineered to handle materials such as magnesia, bauxite, dolomite, and iron powder.

Operational Requirements

Material Guidelines

- Granularity: 80-200 mesh
- No metal contaminants allowed to prevent roller damage
- Adjustable screw feeder speed recommended for consistent supply

Technical Specifications

Technical Data Table

Model	Roll Diameter (mm)	Total Pressure (t)	Motor Power (kw)	Output (t/h)
HYG367-80	367	80	37	1.0
HYG399-80	399	80	37	1.5
HYG399-90	399	90	45	2~2.5
HYG480-90	480	90	45	2~2.5
HYG522-100	522	100	37	3~3.5
HYG520-150D	520	150	55	3.8~5.5
HYG522-150	522	150	55	3.2~4.8
HYG650-150	650	150	55	3~4
HYG650-200	650	200	75	4~5
HYG650-220D	650	220	95	5~6
HYG650-220	650	220	130	4~5
HYG750-230	750	230	155	5~6.5
HYG750-270	750	270	180	6~7.5
HYG750-300	750	300	210	6.8~8.5