

Hydraulic Powder Briquetting Press

This hydraulic briquetting machine is designed for compacting various ore powders, metal powders, coal, coke, and other materials. It applies high pressure to create dense, uniform briquettes for easier handling and increased value.



Overview



The hydraulic briquetting machine features a robust feeding hopper and high-pressure press unit, designed for continuous industrial throughput.

High-Efficiency Briquetting Solution

This hydraulic briquetting press is engineered for the high-density compaction of various materials, including non-ferrous and ferrous metal mineral powders, coal, and coke. Featuring robust construction with wear-resistant rollers and computer-based PLC control, it ensures reliable, continuous operation in demanding industrial environments. The system is designed to increase the value of metallurgical waste and industrial by-products by converting them into uniform, easy-to-handle briquettes suitable for direct furnace use.

Key Features

Design Highlights

- Computer-based PLC control system
- 650mn hardness material rollers for wear resistance
- Mandatory squeeze rollers for high density and strength
- Optional crusher and conveyor integration

Suitable Materials

Ore Powder, Metal Powder, Coal, Coke, Industrial Gasification Waste, Refractory Materials

Technical Data

Model Specifications

| Model | Output (t/h) | Power (kw) | Weight (t) |
|-------|--------------|------------|------------|
| 1000 | 15-20 | 45 | 13 |
| 850 | 10-15 | 37 | 7.5 |
| 750 | 8-13 | 30 | 5 |
| 650 | 9-14 | 22 | 4 |
| 500 | 6-9 | 15 | 3 |
| 430A | 5-7 | 11 | 2.4 |
| 360A | 3-6 | 7.5 | 2 |
| 290 | 1-3 | 5.5 | 0.7 |