

Briquette Press Machine for Coal Dust and Metal Powders

This briquette press is used to compact coal dust, iron powder, and other powdered materials into briquettes. It is suitable for applications in power plants, metallurgy, and chemical industries.



Overview



The energy-saving briquette machine features a robust construction and optimized mechanics for consistent performance in demanding industrial environments.

Energy-Saving Briquette Press

This energy-saving ball press machine is designed to efficiently process difficult molding powdery materials such as coal dust, metal powders, and industrial wastes. It features high molding pressure and adjustable host RPM, ensuring consistent output and density control. By facilitating the conversion of waste into usable briquettes, this machine enhances material utilization, storage convenience, and transportation efficiency across various industrial sectors.

Applications

Suitable Materials

Coal dust, Iron powder, Aluminum powder, Carbon powder, Slag, Gypsum, Kaolin

Key Features

Core Components & Features

- Screw feeding device for forced material input
- Hydraulic protection device for adjustable pressure
- Adjustable host RPM
- High molding pressure mechanism

Technical Specifications

Technical Data by Model

| Model | Roll Diameter (mm) | Output (t/h) | Motor Power (kW) |
|-----------|--------------------|--------------|------------------|
| 290 type | 290 | 1-3 | 5.5 |
| 360 type | 360 | 4-6 | 7.5 |
| 430 type | 430 | 6-8 | 15 |
| 500 type | 500 | 8-10 | 18 |
| 650 type | 650 | 15-18 | 25 |
| 800 type | 800 | 20-25 | 30 |
| 1000 type | 1000 | 25-30 | 45 |