

Powder Metallurgy Sintering Press

This sintering press is designed for high-pressure, high-temperature consolidation of powder materials. The integrated control panel allows for precise adjustment of temperature, pressure, and dwell time.



ADDITIONAL IMAGES



Overview

Industrial Powder Metallurgy Sintering Press

This sintering press is designed for the high-pressure, high-temperature consolidation of powder materials into dense, solid parts. Built with a robust frame and precision-aligned platens, it ensures uniform pressure distribution for high-quality microstructure development. The integrated control system allows for precise regulation of heating and hydraulic parameters, making it an essential tool for advanced material manufacturing.

Performance Metrics

Key Performance Metrics

250 KN

Rated Pressure

20 MPa

Rated Oil Pressure

60 KVA

Rated Heating Power

10000 A

Rated Heating Current

Technical Specifications

Technical Parameters

Parameter	Value
Pressing Head Dimensions	200 × 200 mm
Motor Power	0.75 KW
Parallelism	< 0.1 mm
Temperature Sensing	Infrared Probe / Sensor

Physical Dimensions

Physical Specifications

- External Size: 1300 × 1060 × 1600 mm
- Net Weight: 1200 KG