

# 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