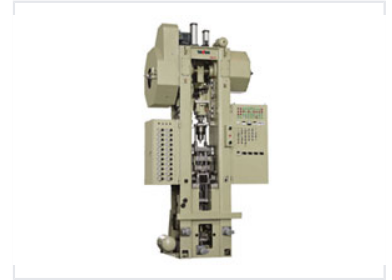


Powder Metallurgy Compacting Machine

This machine is designed for high-precision powder metallurgy compaction. It features a withdrawal system to ensure uniform density and minimize defects in compacted parts.



Overview

High-Precision Powder Metallurgy Compaction

This mechanical crank connecting rod type powder forming machine utilizes hydraulic pressure assistance to deliver exceptional precision and stability. Engineered with a high-strength steel plate welded structure, it ensures rigid performance and consistent quality for complex component production. Advanced features like modular floating frames and real-time pressure monitoring provide operators with superior control over density and production trends.

Technical Specifications

Machine Type	Mechanical crank connecting rod with hydraulic pressure assistance
Structural Material	High strength steel plate welding
Movable (Float) Range	70 mm

Performance & Control

Operational Monitoring

- Real-time pressure monitoring
- Production quality trend analysis
- Touch screen control interface

Speed Regulation	Stepless speed regulation via frequency converter
Safety Systems	Combined pneumatic clutch, Pneumatic brake, Fast response

Key Features

Key Capabilities

Mold and mandrel step forming • Modular floating frame • Independent pressure adjustment • Zero-position molding pull-out