

Clutch-Operated High Energy Screw Press

This clutch-operated screw press delivers both light and heavy energy for various forging applications. It features high deforming energy, long guiding for enhanced strength, and a long stroke for versatile use.



Overview

High-Performance Screw Press

The J55 series clutch-operated screw press is engineered for high-precision forging and forming tasks, combining the operational advantages of crankshaft presses, hydraulic presses, and hammers. Designed for energy efficiency and high productivity, it features adjustable stroke control and variable deforming speeds. This versatile machine is ideal for precision forging, upsetting, extruding, sizing, and trimming applications across automotive and industrial sectors.

Key Features

Operational Advantages

- High deforming energy capacity
- Adjustable deforming speed (0.25 m/s to 0.6 m/s) via VFD
- Energy-saving design with small main motor power
- Long guiding system for improved strength
- Support for multi-station and continuous forging
- High degree of automation

Applications

Forging Capabilities

Precision Forging, Closed Forging, Upsetting, Extruding, Sizing, Trimming

Technical Specifications

Available Models

Model
J55-400
J55-630
J55-800
J55-1000
J55-1250
J55-1600
J55-2000

Service & Support

Turnkey & Customization Services

- Complete turnkey projects for forging products
- Design and manufacture of semi-automatic or automatic production lines
- Process design and die/die holder manufacturing
- Customization of manipulators, coolant spray systems, and die change devices