

CNC Hydraulic Die Forging Hammer

This CNC hydraulic die forging hammer delivers consistent and controlled blows for accurate die forging. Its hydraulic system ensures smooth and efficient operation, while CNC control allows for precise programming and automation.



ADDITIONAL IMAGES



Overview

High-Precision CNC Die Forging Solution

This CNC Hydraulic Die Forging Hammer is engineered for high-efficiency production of metal parts in automotive, aerospace, and general engineering industries. It features a fully hydraulic driving system and advanced program control to ensure consistent, high-accuracy results with low running costs. The machine's design prioritizes safety and ease of maintenance, making it a reliable choice for demanding industrial forging applications.

Performance Metrics

Key Performance Indicators

1 ton

Capacity

12 points

Safety Features

Core Advantages

Main Advantages

High Efficiency • Energy-saving • High Accuracy • Low Noise • Reliable Quality • Low Running Cost • Wide Application • Easy Maintenance

Technical Features

Control & Operation

- Program control with numerical input for simple operation
- Touch screen man-machine interface
- Automatic malfunction diagnosis and alarm system
- Digitized and exacted controlling of striking energy
- Remote monitor system for fast service and reduced downtime

Hydraulic & Mechanical Design

Mechanical Design Features

- High integrated hydraulic control system with direct-fixed accumulator
- Advanced taper valve control for fast response and zero leakage
- One-piece casting steel U-frame with radial wide guide rails
- Fully hydraulic driving system to avoid oil and air mixing
- Swaying combine oil cylinder and thin piston rod flexible design
- Inner hydraulic ram buffer for enhanced safety

Safety & Maintenance

Safety & Maintenance

- High and low pressure double anti-leakage design
- Slow up/down movement during pressure release for safe die changing
- Three inserted locating faces to protect bolts from force
- Imported locking washers to prevent bolt loosening

Optional Equipment

Optional Modules

Automatic Die Lubrication, Blank Convey System, Ejector System, Scale Removing System, Remote Monitor System

Technical Specifications

Model Range Comparison

Model Series	C88K-16	C88K-25	C88K-31.5	C88K-50	C88K-63	C88K-80	C88K-100
Energy Range	16 kJ	25 kJ	31.5 kJ	50 kJ	63 kJ	80 kJ	100 kJ