

CNC Hydraulic Die Forging Hammer, 50 kJ

This CNC hydraulic die forging hammer delivers 50kJ of striking energy for closed die forging. It features program control, a hydraulic system, and a touch screen interface for operation.



ADDITIONAL IMAGES



Overview

Precision Forging Performance

This CNC hydraulic die forging hammer is engineered for high-efficiency, precision metal forming. Featuring an advanced integrated hydraulic control system and a one-piece casting steel U-frame, it delivers high ram guiding accuracy and repeatable results. Designed for low noise and energy-efficient operation, this machine is an ideal solution for manufacturing tools like pliers, cutters, wrenches, and axes.

Key Advantages

Operational Benefits

High Efficiency, Energy-Saving, High Accuracy, Low Noise, Reliable Quality, Low Running Cost, Wide Application

Technical Features

System Capabilities

- Program control with numerical input
- Integrated hydraulic control system with accumulator fixed on main valve block
- Advanced taper valve control for fast response and sealing
- One-piece casting steel U-frame with radial wide guide rails
- Touch screen HMI with automatic malfunction diagnosis
- Digitized striking energy control
- Fully hydraulic driving system preventing oil/air mixing
- High and low pressure double anti-leakage design

Performance Metrics

Rated Energy

50 kJ

Striking Energy

Optional Enhancements

Available Upgrades

- Automatic die lubrication system
- Blank convey system
- Ejector and scale removing system
- Remote monitoring system for maintenance