

2-Ton Impression Die Forging Hammer for Hand Tools

This 2-ton impression die forging hammer is designed for the precise forging of hand tools and other components. It utilizes a powerful hammering action to shape metal within dies, creating accurate and repeatable parts.



ADDITIONAL IMAGES



Overview

High-Efficiency Impression Die Forging

This 2-ton impression die forging hammer is engineered for the precise manufacturing of hand tools and complex metal components. Featuring advanced program control and a robust one-piece casting steel U-frame, it delivers high accuracy and repeatable results. Designed for industrial environments, the system prioritizes energy efficiency, low maintenance, and operator safety through integrated hydraulic controls.

Key Advantages

Key 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
- Touch screen man-machine interface
- Automatic malfunction diagnosis and alarm
- Digitized striking energy control
- Remote monitoring system (optional)

Hydraulic Specifications

- Integrated hydraulic control system
- Accumulator fixed directly on main valve block
- Advanced taper valve control for fast response
- Full hydraulic driving system (prevents oil/air mixing)
- High and low pressure double anti-leakage design

Mechanical Design

- One-piece casting steel U-frame
- Radial wide guide rails for high ram accuracy
- Swaying combine oil cylinder
- Thin piston rod flexible design
- Three inserted locating faces to prevent bolt stress

Optional Equipment

Available Upgrades

- Die automatic lubrication system
- Blank convey system
- Ejector system
- Scale removing system
- Remote monitoring system

Capacity

Rated Capacity

2 Ton

Hammer Capacity