

# Large Forging Hydraulic Press (800-3150 tons)

This large forging hydraulic press is used for free forging processes on metal materials. It can perform upsetting, punching, reaming, cutting, bending, and drawing operations, and can be equipped with special devices for ring blank hole systems and punching.



## ADDITIONAL IMAGES



## Overview

### High-Performance Forging Hydraulic Press

The Y13 series large forging hydraulic press is engineered for heavy-duty metal forming processes, including upsetting, punching, bending, and drawing. Featuring a robust hydraulic system with multi-level overload and temperature protection, this equipment ensures operator safety and consistent performance. Advanced PLC control and a high-efficiency charging valve system minimize auxiliary time, significantly improving forging efficiency and overall production throughput.

## Key Features

### Safety & Protection

Overload Protection • Oil Temperature Alarm • Oil Level Alarm • PLC Control • Cooling Circulatory System

### Performance Metrics

**45 mm/s**

Working Speed

**25 MPa**

System Pressure

**50 T**

Max Ingot Capacity

### Forging Applications

Upsetting, Punching, Horse Bar Reamer, Bending, Drawing Out, Cutting

## Technical Parameters

### Technical Specifications Overview

| Parameter             | 800t | 1600t | 3150t |
|-----------------------|------|-------|-------|
| Nominal Pressure (MN) | 8    | 16    | 31.5  |
| System Pressure (MPa) | 25   | 25    | 25    |
| Slide Stroke (mm)     | 1000 | 1400  | 1900  |
| Working Speed (mm/s)  | 45   | 45    | 45    |
| Motor Power (kW)      | 330  | 990   | 1650  |