

Hydraulic Press - Three Beam, Four Column (315-1000 tons)

This three-beam, four-column hydraulic press is suited for pressing plasticity materials. It can be used for bending, flanging, metal drawing, correcting press-fitting, grinding wheel forming, and cold extrusion of metal parts.



Product Overview

High-Performance Four-Column Hydraulic Press

The YB32 series hydraulic press is a robust solution designed for diverse plasticity material processes including metal drawing, bending, flanging, and cold extrusion. Engineered with a three-beam, four-column structure, the machine ensures exceptional stability and long-term precision. It features a flexible control system capable of both constant pressure and constant distance operations, supported by independent power mechanisms for reliable industrial output.

Key Features

Core Advantages

- Optimized four-column structure for superior rigidity
- Advanced cartridge valve system to minimize leakage
- Hard chromium plated columns for wear and corrosion resistance
- Independent power mechanism with vertical pump for noise reduction
- PLC or electric relay control options for flexible operation

Performance Metrics

Technical Specifications

| Metric | Range |
|--------------------|----------------|
| Nominal Pressure | 630 - 10000 KN |
| Slide Stroke | 500 - 1050 mm |
| Ejection Force | 100 - 2500 KN |
| Max Opening Height | 800 - 1800 mm |
| Motor Power | 7.5 - 90 KW |

Operational Modes

| | |
|----------------------|---------------------------------------------------------------------|
| Supported Operations | Adjustment, Manual, Semi-auto, Constant Pressure, Constant Distance |
|----------------------|---------------------------------------------------------------------|

Customization

Available Upgrades

- Photo-electric protection device
- Digital display system (Stroke, Pressure, Time)
- Hydraulic system heating/cooling
- PLC programmable controller
- Blanking buffer device
- Mould heating and temperature control