

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
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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