

Hydraulic Press Brake for Metal Forming

This hydraulic press brake is designed for precision metal forming. It features a robust frame, hydraulic cylinders for controlled bending force, and a programmable control system for accurate and repeatable results.



ADDITIONAL IMAGES



Overview

Precision Metal Forming Solution

This hydraulic press brake is engineered for high-precision metal forming and bending applications. Featuring an all-steel welded structure that undergoes vibration stress relief, the machine offers exceptional strength and rigidity for demanding industrial tasks. The hydraulic top-drive system ensures stable performance, while the integrated mechanical stop unit and synchronous torque capabilities provide consistent, repeatable results.

Construction & Design

Frame Construction	All-steel welded structure with vibration stress relief
Drive System	Hydraulic top-drive
Key Features	High Rigidity, Vibration Stress Relieved, Synchronous Torque, Mechanical Stop Unit

Operation & Control

Adjustment Methods

- Electromotion adjustment for rear stop distance
- Electromotion adjustment for upper slider stroke
- Manual fine adjustment for rear stop distance
- Manual fine adjustment for upper slider stroke

Control Interface	Digital display
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Advanced Capabilities

Precision Bending Support

The machine is equipped with a deflection compensation unit on the upper die to ensure bending accuracy. For models operating at a pressure of 250T or above, deflection compensation is also included on the lower die to maintain consistency across the entire workpiece.