

# Hydraulic Press Brake for Metal Forming

This hydraulic press brake is engineered for precise metal forming. Its streamlined EU design and integrated welding provide a robust frame and accurate bending capabilities.

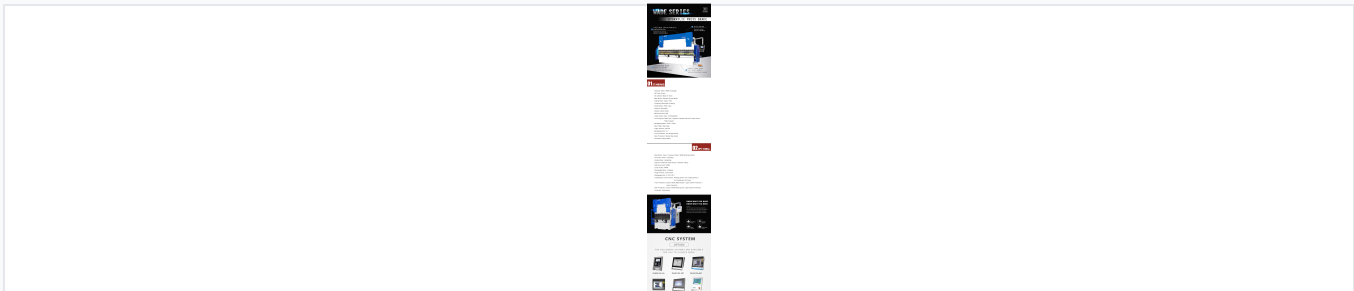


## Overview

### High-Precision Hydraulic Press Brake

This hydraulic press brake features a new EU streamlined design and a robust, stress-relieved steel frame. Engineered for high-precision metal forming, it utilizes electro-hydraulic synchronization with advanced high-frequency controls. The machine is designed for energy efficiency, offering up to 60% lower power consumption compared to traditional CNC press brakes.

## Core Components



Standard configuration highlighting control systems and high-precision components.

### Hydraulic System

- HAWE-Hoerbiger hydraulic valves
- Sunny oil pump
- Servo-driven oil circuit
- Integrated oil temperature control

### CNC Control & Sync

Delem DA-53T, Y1/Y2 independent control, Electro-hydraulic synchronization, Grating ruler feedback

## Mechanical Specs



Precision mechanical assemblies, including PMI ball screws and quick-clamp tool holders.

### Mechanical Precision Components

Component	Specification
Ball Screw	PMI
Linear Guide	Zeen / Schneeberger
Backgauge Motor	Estun/Delta
Electricals	Schneider

### Operating Noise Level

**25 dB**

Idle Speed Decibels

## Efficiency

Energy Consumption Improvement	60 % reduction
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## Safety & Compliance

### Safety Certifications

CE Certified