

Hydraulic Swing Beam Shear

This hydraulic swing beam shear features a steel plate welded structure with hydraulic transmission and nitrogen cylinder return. It offers easy operation, reliable performance, and precise blade gap adjustment.



ADDITIONAL IMAGES



Overview

High-Efficiency Hydraulic Shearing

This hydraulic swing beam shear utilizes a robust steel plate welded structure with nitrogen cylinder return for reliable, high-speed operation. It offers superior precision with straightness within $\pm 0.10\text{mm}$ over 3 meters and is designed for high-performance industrial environments. Featuring advanced overload protection and a low-noise hydraulic drive system, it ensures both safety and productivity for precision metal fabrication tasks.

Performance Metrics



Detailed view of the integrated hydraulic pressure control system and CNC controller interface.

Key Performance Indicators

30 times/min
Cutting Speed

0.1 mm
Straightness Precision

70 dB
Noise Level

Technical Specifications



Technical overview of hydraulic system components and standard configuration features.

Supported CNC Systems

- E21s
- E200PS
- DAC310S

Blade Characteristics

6CrW2Si Material, 55°-60°HB Hardness

Safety & Operational Features

Safety Equipment

Hydraulic Overload Protection • Electrical Overload Protection • Safety Protection Fence • Emergency Stop

Operational Advantages

- Stepless blade gap adjustment
- Light alignment device
- Stepless top blade holder stroke adjustment
- Rolling material support ball