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Digima PBH 200x2500 mm 15kW 200T Hydraulic Press Brake





; Machine description

Hydraulic Press Brake PBH-200x2500 mm

15kW / 200T – precise sheet metal bending to industrial standards

Hydraulic Press Brake Digima PBH 200x2500 mm 15kW 200T is a robust hydraulic press brake designed for precise sheet metal bending in individual, workshop and series production.

The machine is equipped with **Estun E21**, which enables convenient programming of bending parameters, backgauge position, depth and working angle. This allows the operator to achieve high repeatability of parts and consistent bending quality.

The bending beam is hydraulically driven, ensuring smooth operation, high pressing force and convenient handling even during demanding production tasks.

T

Maximum pressing force
200 T / 2000 kN

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Working bending length
2500 mm



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Motor power

15.0 kW



Control system

Estun E21

Digima PBH-200x2500 is more than just a press brake.

It is a tool for controlling precision, safety and bending repeatability in everyday production.

Why Digima PBH-200x2500?



Precise bending

Control of operating parameters ensures high repeatability of parts.

E21

Estun E21 controller

Easy operation, programming and backgauge position control.

200

High pressing force

200 tons of pressing force enable demanding bending operations.

BHP

Operational safety

Guards, limit switches and safety controls enhance operator protection.

- High-precision backgauge position control.
- Intelligent position control for bending process optimisation.
- Recall functions enabling a quick return to previous settings.
- Automatic reference-point search, reducing setup time.
- Backup and restoration of parameters using a single identifier.
- Fast position indexing for efficient series production.
- Memory for 40 machining programs, each with up to 25 stages.



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- Power-loss protection, ensuring data safety and operational continuity.

Technical parameters

Machine type **Press Brake**

Manufacturer code **PBH-200x2500**

Brand **Digima**

Nominal pressing force **2000 kN / 200 T**

Maximum pressing force **200 t**

Working bending length **2500 mm**

Distance between columns **2000 mm**

Throat depth / reach **320 mm**

Ram stroke **200 mm**

Maximum opening height **460 mm**

X-axis / backgauge speed **80 mm/s**

Fast descent speed / Y-axis **70 mm/s**

Working bending speed / Y-axis **15 mm/s**

Return speed / Y-axis **60 mm/s**

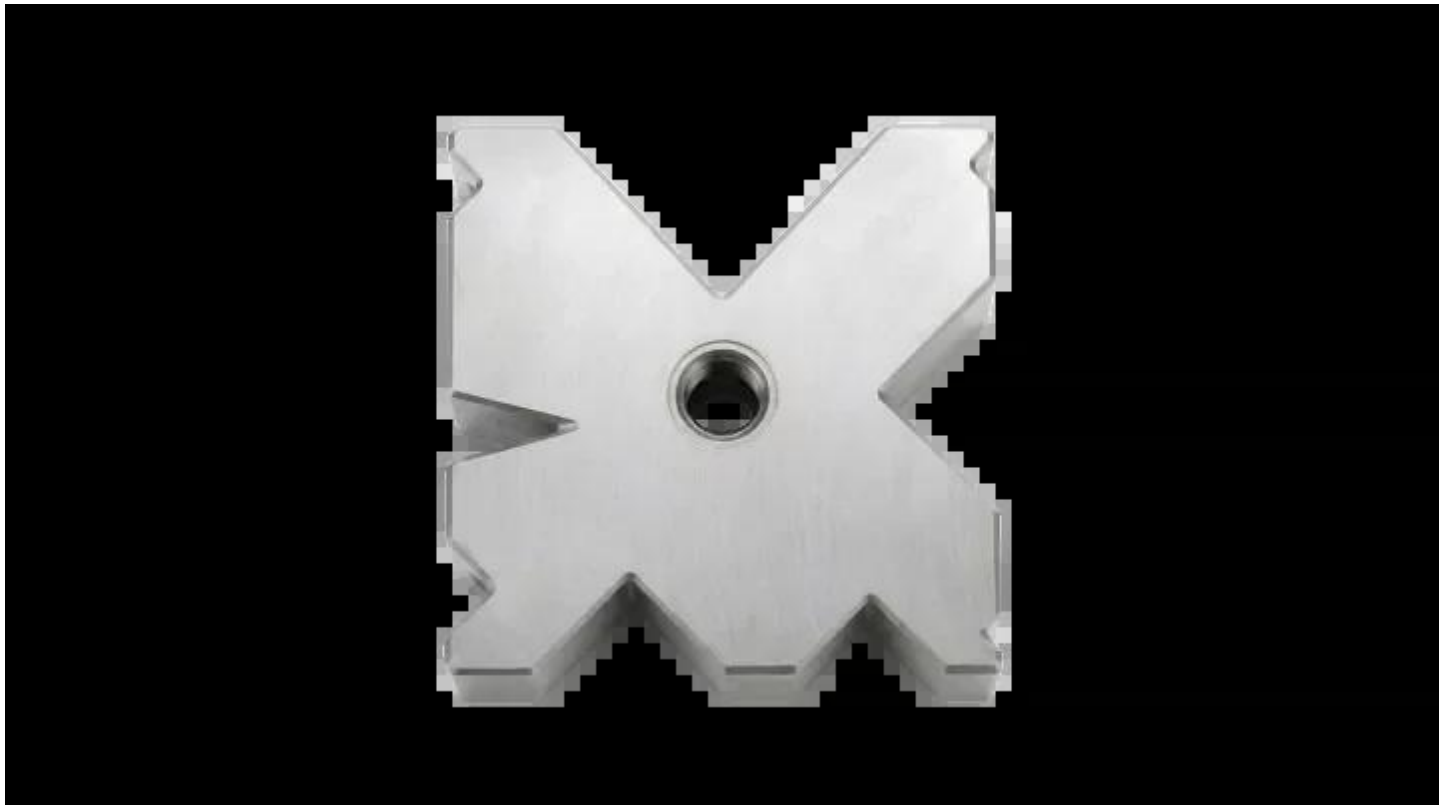
Motor power **15.0 kW**

Waga **9800 kg**

Dimensions L × W × H **3000 × 1700 × 2500 mm**

Bending tools included

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Multi-V die

The multi-V die for a press brake is designed for bending sheet metal of different thicknesses and bending angles. It features several working grooves with varying widths and radii, enabling selection of the appropriate groove without changing the tool. Made of high-strength tool steel, it ensures durability, wear resistance and bending precision.



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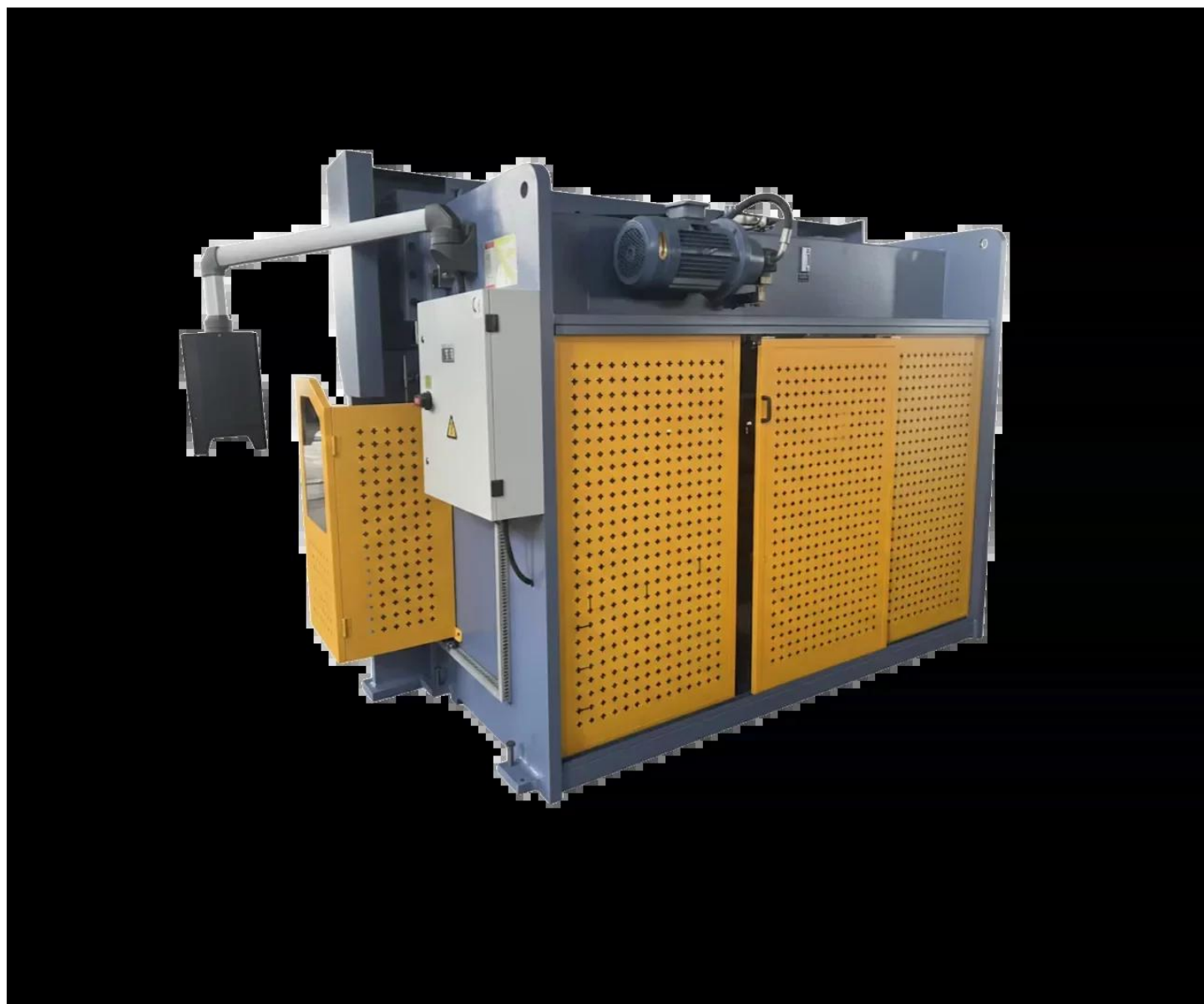
Press brake punch

The punch is designed for precise sheet metal bending in accordance with technical documentation. The tool is made of high-grade tool steel, resistant to wear and deformation. The punch working profile features bending radii and chamfers, enabling the required angles and part shapes to be achieved. The set consists of 4 pieces.

Safety and control

Safety guards and Estun E21 controller

Digima press brake PBH-200x2500 is equipped with solutions that enhance operator safety, simplify machine operation and support precise control of the bending process.



Side and rear safety guards

The guards are designed to protect the machine working area. They are equipped with a safety limit switch which, when opened, causes an immediate machine shutdown. This solution effectively prevents access to hazardous components during operation and supports compliance with occupational health and safety requirements.



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Estun E21 controller

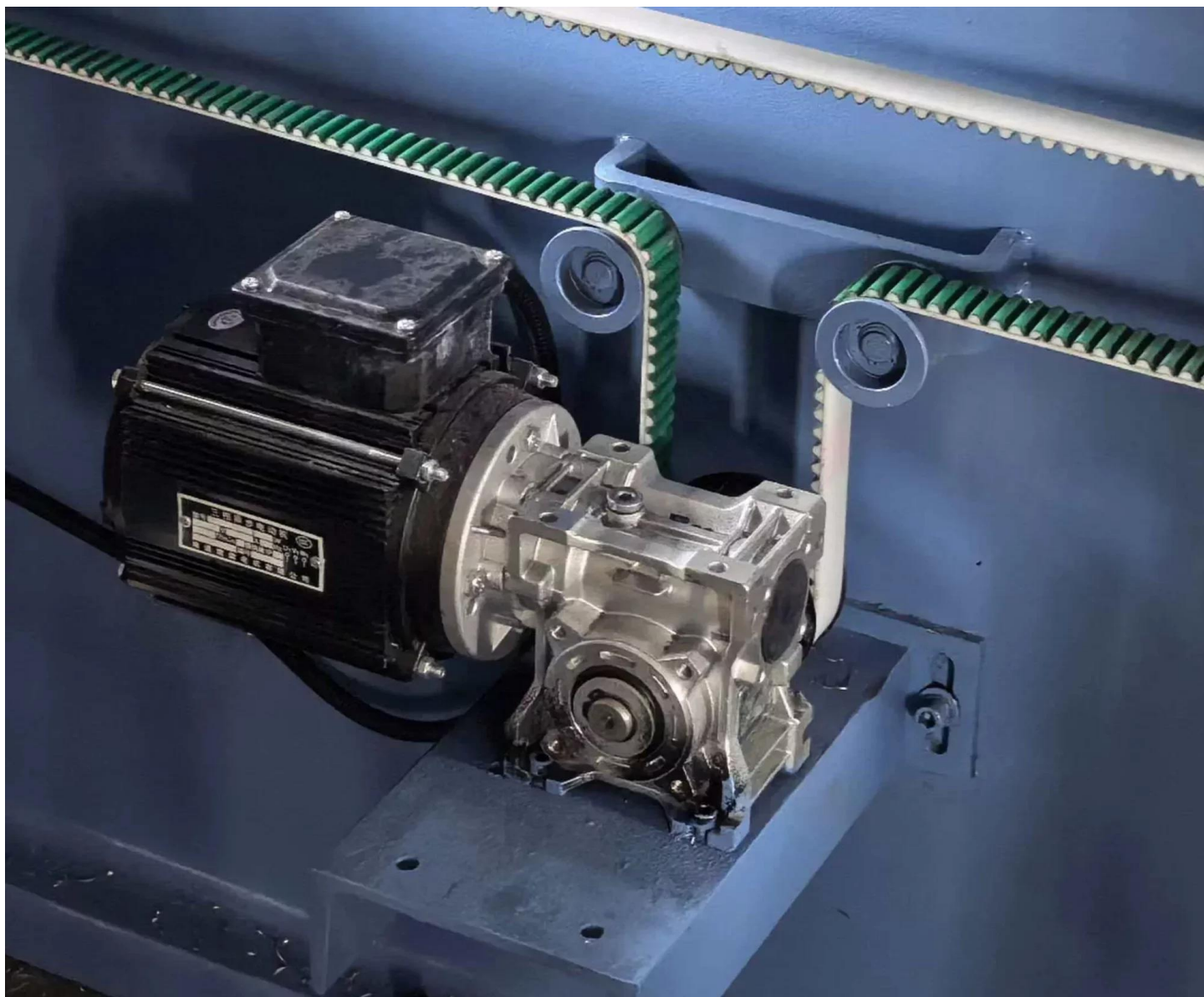
The Estun E21 controller enables convenient programming and control of the bending process. The operator can set operating parameters, control the backgauge position and use the machining program memory. This solution increases repeatability, accuracy and the comfort of everyday work with the press brake.

Key equipment components



Ball screws and linear guides

Precision ball screws combined with linear guides ensure smooth, accurate component movement, minimal backlash and high bending repeatability.



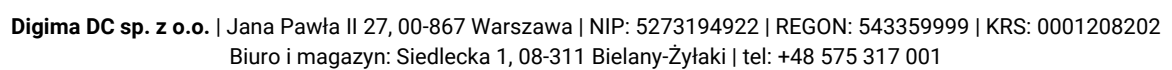
Toothed belt

The toothed belt is responsible for mechanical drive and synchronization of the machine axes. It ensures stable power transmission, quiet operation and precise motion control.



AMADA quick clamping system

The Quick Clamping system allows tools and working elements to be changed quickly, saving time and increasing operating efficiency.



Schneider Electric and Lintech electrical cabinet

The electrical cabinet, equipped with high-quality components, ensures reliable power supply, precise control and installation safety.



Rexroth hydraulic valve block

The Rexroth hydraulic valve block provides precise control of oil flow in the hydraulic system and reliable operation in demanding conditions.



Backgauge fingers

Backgauge fingers are used to position the material before and during bending. The machine is equipped with 4 pieces as standard.