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Digima PBH 200x3200 mm 15 kW 200T hydraulic press brake





Machine description

Hydraulic Press Brake PBH-200x3200 mm

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

Digima PBH 200x3200 mm 15 kW 200T hydraulic press brake is a robust hydraulic press brake designed for precise sheet metal bending in one-off, workshop and series production.

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

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

T
Maximum pressing force
200 T / 2000 kN

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Working bending length
3200 mm



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Motor power

15 kW



Control

Estun E21

Digima PBH-200x3200 is more than just a press brake.

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

Why choose Digima PBH-200x3200?



Precise bending

Control of operating parameters enables high repeatability of parts.

E21

Estun E21 controller

Easy operation, programming and backgauge position control.

200

High pressing force

200 tonnes of pressing force enables demanding bending operations.

BHP

Operational safety

Guards, limit switches and safety controls increase operator protection.

- High-precision backgauge position control.
- Intelligent position control for bending process optimisation.
- Recall functions enabling 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 steps.



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- Power-loss protection ensuring data security and operational continuity.

Technical parameters

Model **Press Brake**

Manufacturer code **PBH-200x3200**

Brand **Digima**

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

Maximum pressing force **200 t**

Working table length **3200 mm**

Distance between columns **2530 mm**

Throat depth **320 mm**

Ram stroke **200 mm**

Maximum opening height **455 mm**

Ram adjustment range **160 mm**

Motor power **15 kW**

Weight **17200 kg**

Dimensions L × W × H **3280 × 2000 × 2700 mm**

Bending tools included





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Multi-V die

The multi-V die for the press brake is designed for bending sheet metal of various thicknesses and bending angles. It has several working grooves with different widths and radii, allowing the appropriate groove to be selected without changing the tool. Made of high-strength tool steel, it provides 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. Its working profile includes bending radii and chamfers to achieve the required angles and part shapes. The set consists of 4 pieces.

Safety and control

Safety guards and Estun E21 controller

The Digima PBH-200x3200 press brake is equipped with solutions that increase operator safety, simplify machine operation and support precise control of the bending process.





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Side and rear safety guards

The guards are designed to protect the machine working area. They are equipped with a safety limit switch which immediately shuts down the machine when opened. This solution effectively prevents access to hazardous components during operation and supports compliance with occupational safety requirements.



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Estun E21 controller

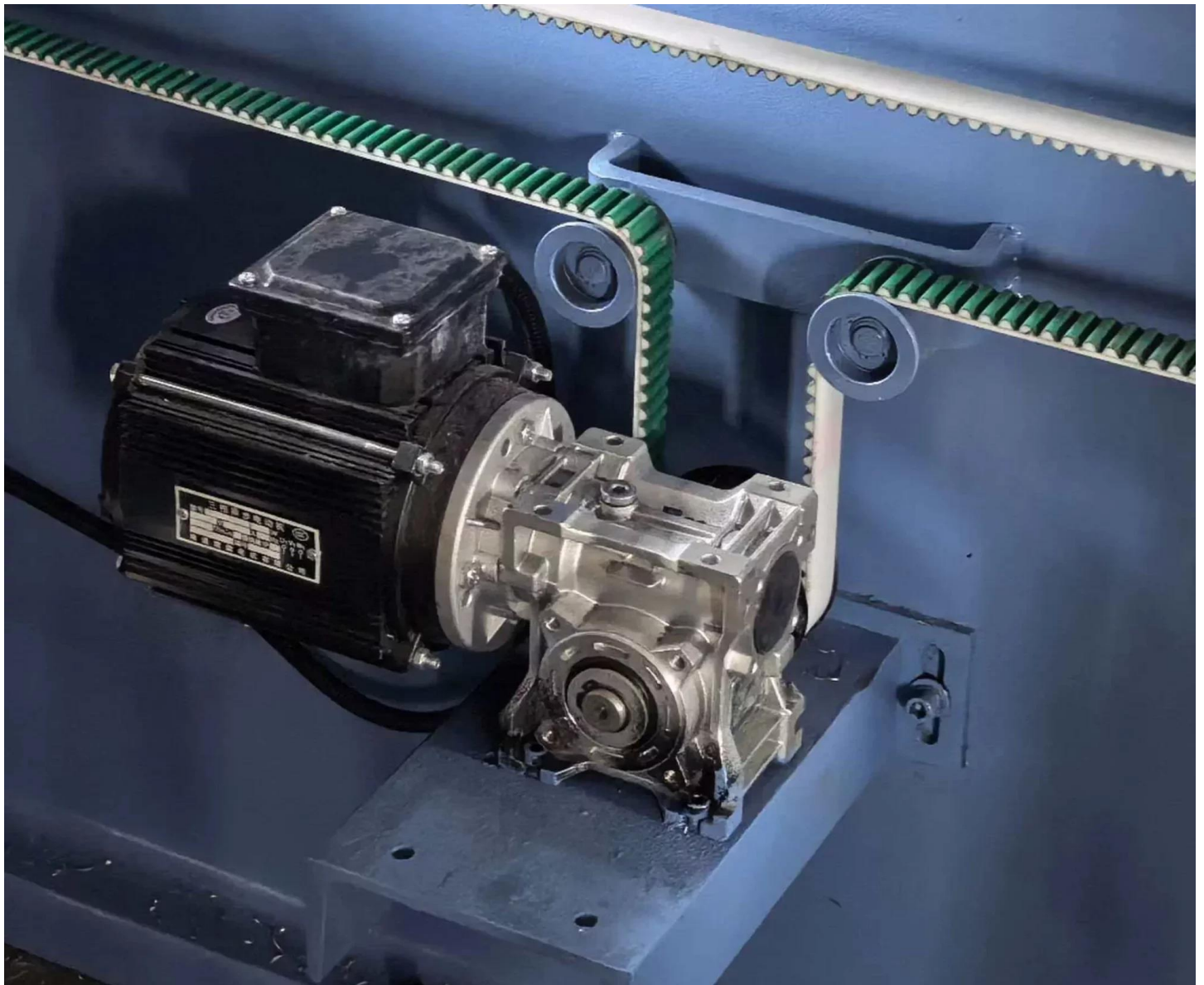
The Estun E21 controller enables convenient programming and control of the bending process. The operator can set operating parameters, control the backgauge position and use machining-program memory. This solution improves repeatability, accuracy and everyday comfort when working with the press brake.

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.



Timing belt

The timing belt is responsible for mechanical drive and synchronisation of the machine axes. It provides stable power transmission, quiet operation and precise motion control.



AMADA quick clamping

The Quick Clamping system enables quick replacement of tools and working components, saving time and increasing productivity.

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Schneider Electric and Lintech electrical cabinet

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



Rexroth hydraulic manifold

The Rexroth hydraulic manifold ensures 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 supplied as standard with 4 pieces.