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Plate rolling machine W12-8x2000 (kopia)





Main machine photo

Full view of the W12-8x2000 rolling machine with enclosure, working rolls and hydraulic construction.

Hydraulic 4-roll plate rolling machine

Plate rolling machine W12-8x2000

Compact CNC 4-roll plate rolling machine with a 2000 mm working width

W12-8x2000 is a hydraulic 4-roll plate rolling machine designed for precise rolling, pre-bending and forming of sheet metal into sleeves, pipes, arcs and cylindrical components.

The machine enables plate rolling up to **8 mm** and pre-bending up to **6 mm**. The four-roll system helps reduce flat sections at the ends of the sheet and increases the repeatability of finished parts.

8
Max. rolling
8 mm



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6
Max. pre-bending
6 mm
✕
Working width
2000 mm
✕
Motor power
5,5 kW
Modern 4-roll design for fast and repeatable sheet metal processing.

W12-8x2000 combines hydraulic clamping force, CNC control and a stable working-roll configuration.

Machine presentation

Clear layout of technical photos

The photos have been arranged so that the user can immediately see the key components of the equipment: the control panel and the machine structure. This layout looks clean, modern and does not overload the listing.

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Intuitive operation

The operator panel allows convenient control of roll movement and monitoring of rolling-process parameters.



Stable construction

The compact machine body and properly designed roll configuration ensure precise material guidance.

Key advantages

Why choose the W12-8x2000 rolling machine?

4R

4-roll system

It enables pre-bending of both edges and proper rolling of the sheet with a single material loading.

CNC



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Computer control

Digital control of roll movements facilitates repeatable work and precise parameter settings.

2000

2000 mm width

The working area allows wide sheet-metal blanks to be processed in single-piece and series production.

5,5

5.5 kW power

The 5.5 kW motor ensures stable operation of the hydraulic system during rolling.

Working process

How does the W12 4-roll rolling machine work?

1

Sheet positioning

The sheet is stabilised between the rolls, allowing the pre-bending process to begin precisely.

2

Edge pre-bending

The side rolls form the sheet edges, reducing flat sections at the ends of the material.

3

Main rolling

The material is guided through the roll system until a pipe, sleeve, arc or cylindrical component is obtained.

Applications

What can you use the W12-8x2000 for?

The W12-8x2000 rolling machine is suitable for producing cylindrical components, pipes, sleeves, guards, housings, tanks and technical parts requiring a repeatable bending radius.



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Sleeves and cylinders

Forming round and semi-circular components from sheet metal.



Pipes and guards

Manufacturing short pipes, technical guards and housing components.



Series production

Repeatable settings help maintain consistent part quality.



Conical components

The possibility of forming conical components thanks to roll inclination.

Specification

Full technical specification

Model **W12-8x2000**

Machine type **Hydraulic CNC 4-roll plate rolling machine**

Maximum rolling thickness **8 mm**

Maximum pre-bending thickness **6 mm**

Maximum rolling width **2000 mm**

Top roll diameter **210 mm**

Bottom roll diameter **190 mm**

Side roll diameter **180 mm**

Minimum rolling diameter **400 mm**

Rolling speed **4 m/min**

Motor power **5,5 kW**

Rolling system **4-roll**

Control **CNC / computer-controlled**

Drive **Hydraulic**

Brand **Digima**

Manufacturer code **W12-8x2000**



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Condition**New**

Packaging condition**Original**