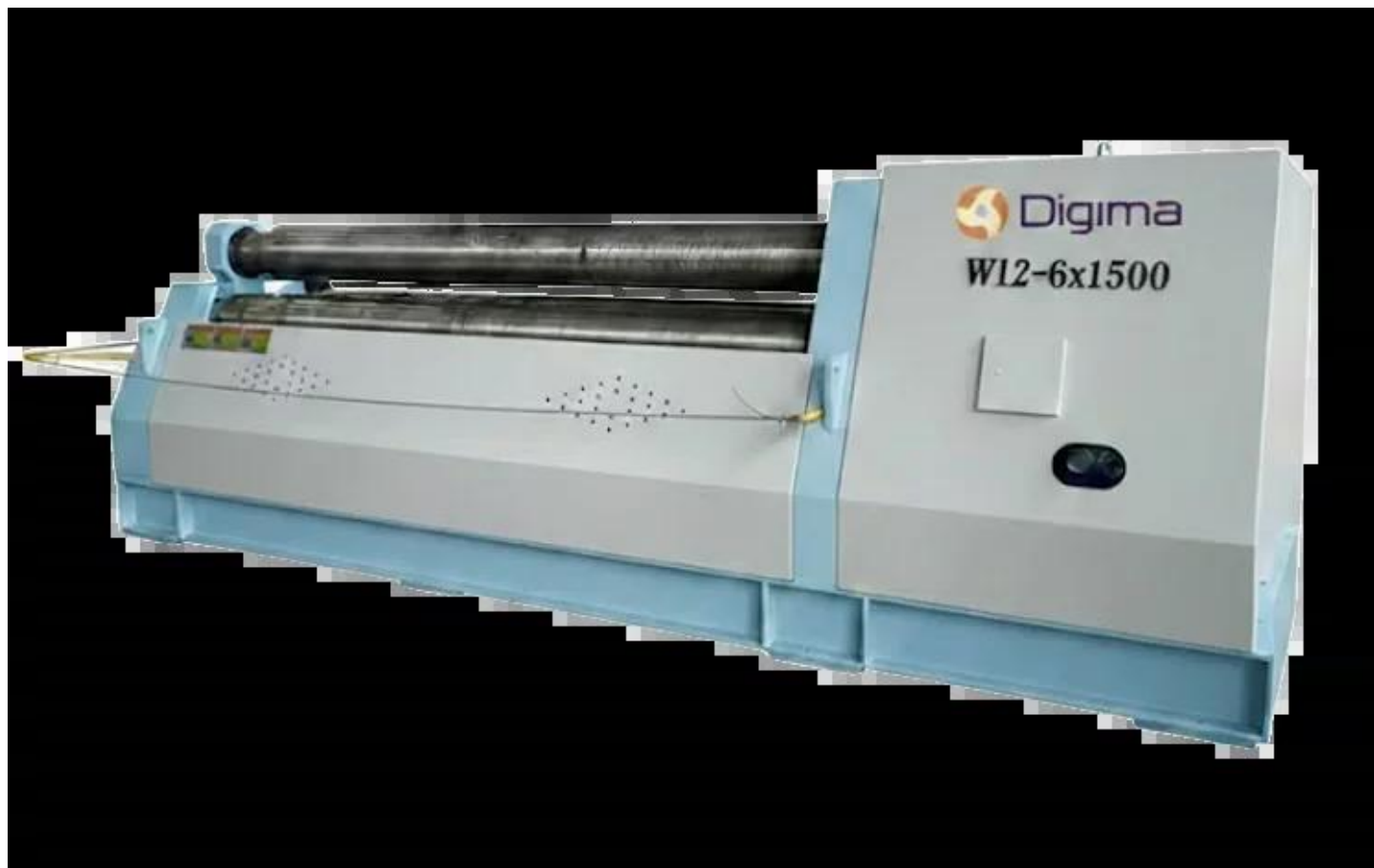


Plate rolling machine W12-12x2000





Main machine photo

Full view of the rolling machine W12-12x2000 with the enclosure, working rolls and hydraulic design.

Hydraulic 4-roll plate rolling machine

Plate rolling machine W12-12x2000

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

W12-12x2000 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 the rolling of sheet metal up to **12 mm** and pre-bending up to **8 mm**. The four-roll configuration helps reduce flat sections at the ends of the sheet and increases the repeatability of finished parts.

12
Max. rolling



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12 mm

8

Max. pre-bending

8 mm



Working width

2000 mm



Motor power

7,5 kW

Modern 4-roll design for fast and repeatable sheet metal processing.

W12-12x2000 combines hydraulic clamping force, CNC control and a stable working-roll configuration.

Machine presentation

Neat layout of technical images

The images have been arranged so that the user can immediately see the most important elements of the equipment: the control panel and the machine structure. This layout looks clean, modern and does not overcrowd the listing.

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Intuitive operation

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



Stable construction

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

Key advantages

Why choose the W12-12x2000?

4R

4-roll configuration

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

CNC



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Computer control

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

2000

2000 mm width

The working area allows wide sheets to be processed in both single-piece and series production.

7,5

7.5 kW power

The 7.5 kW motor ensures stable operation of the hydraulic system during rolling.

Work process

How does the W12 4-roll rolling machine work?

1

Sheet positioning

The sheet is stabilised between the rolls, enabling 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 configuration until a pipe, sleeve, arc or cylindrical component is obtained.

Applications

What can you use W12-12x2000?

The W12-12x2000 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

Production of short pipes, technical guards and housing components.



Series production

Repeatable settings help maintain consistent part quality.



Conical components

Ability to form conical components thanks to roll tilting.

Specification

Full technical specification

Model **W12-12x2000**

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

Maximum rolling thickness **12 mm**

Maximum pre-bending thickness **8 mm**

Maximum rolling width **2000 mm**

Upper roll diameter **260 mm**

Lower roll diameter **220 mm**

Side roll diameter **180 mm**

Minimum rolling diameter **450 mm**

Rolling speed **4,5 m/min**

Motor power **7,5 kW**

Rolling system **4-roll**

Control **CNC / computer-controlled**

Drive **Hydraulic**

Brand **Digima**

Manufacturer code **W12-12x2000-8mm**



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Condition**New**

Packaging condition**Original**