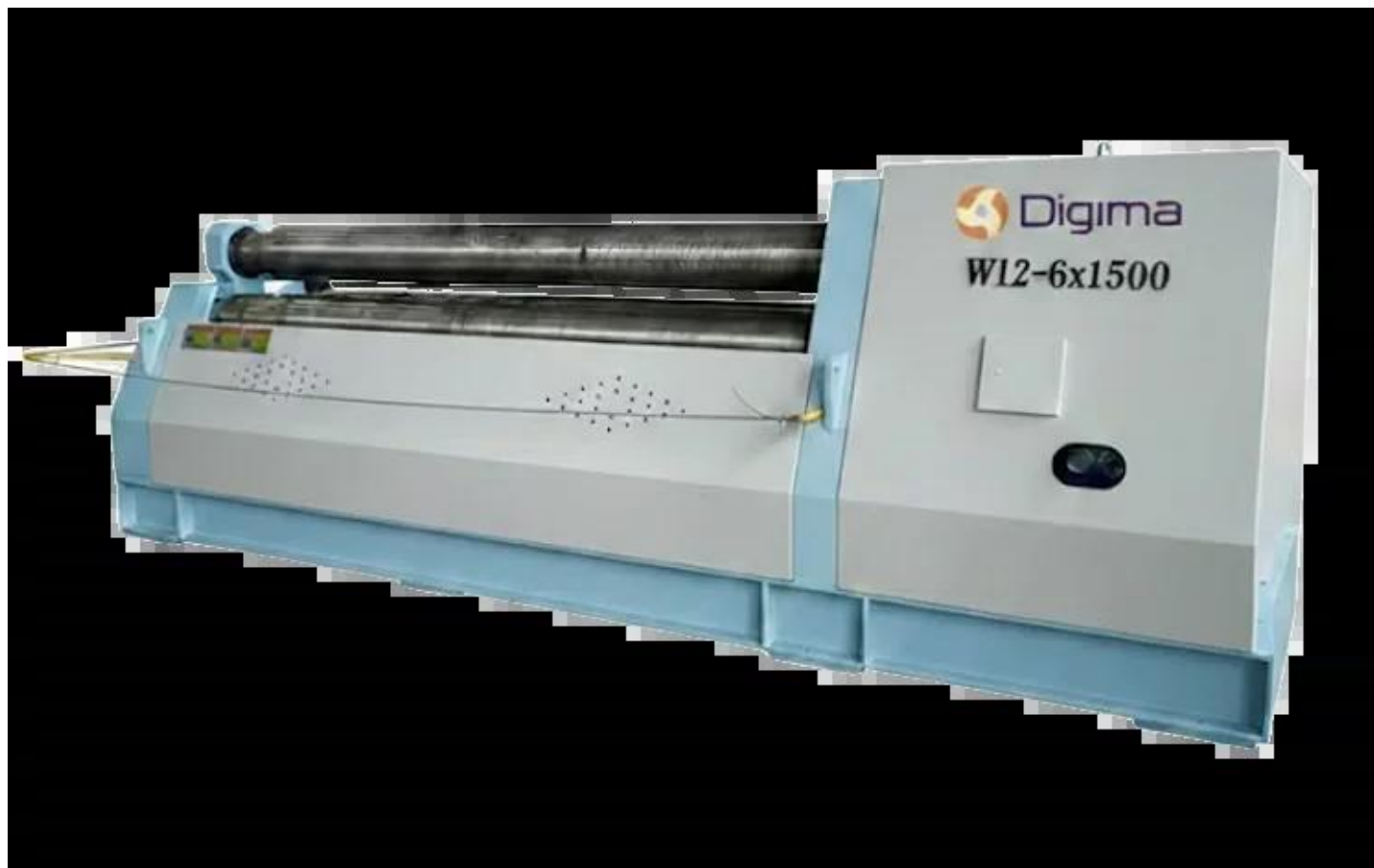
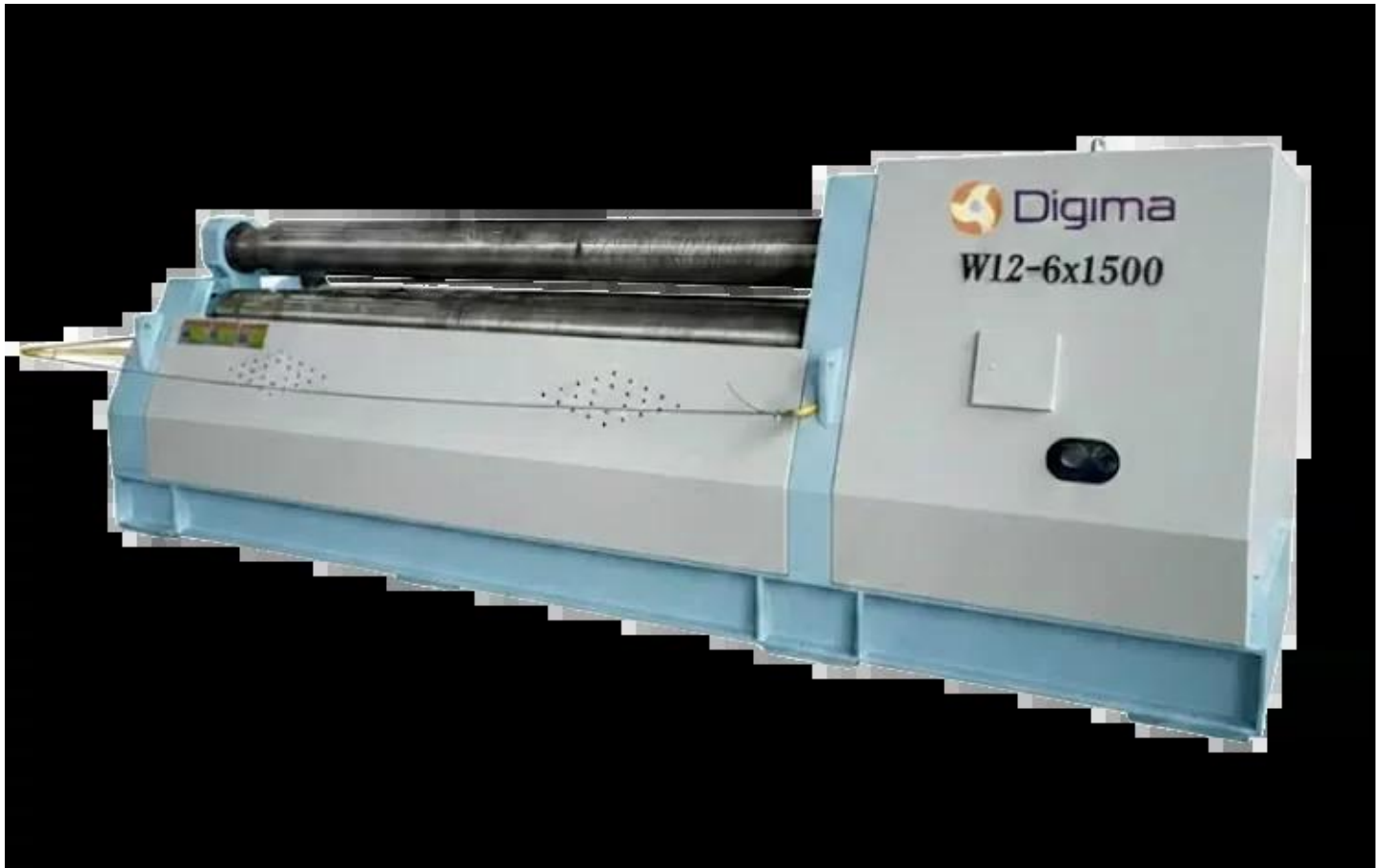


Plate rolling machine W12-20x2500





Main machine photo

Full view of the W12-20x2500 rolling machine with its enclosure, working rolls and hydraulic design.

Hydraulic 4-roll plate rolling machine

Plate rolling machine W12-20x2500

Compact CNC 4-roll plate rolling machine with a working width of 2500 mm

W12-20x2500 is a hydraulic 4-roll plate rolling machine designed for precision rolling, pre-bending and forming sheet metal into sleeves, pipes, arcs and cylindrical components.

The machine enables rolling sheet metal up to **20 mm** and pre-bending up to **16 mm**. The four-roll configuration reduces flat sections at the ends of the sheet and improves repeatability of manufactured parts.

20

Max. rolling capacity



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20 mm

16

Max. pre-bending capacity

16 mm



Working width

2500 mm



Motor power

18,5 kW

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

W12-20x2500 combines hydraulic clamping force, CNC control and a stable working-roll configuration.

Machine presentation

Well-organized technical photo layout

The photos are arranged so that the user immediately sees the key equipment components: 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 enables convenient control of roll movement and monitoring of rolling-process parameters.



Stable construction

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

Key benefits

Why choose the W12-20x2500 rolling machine?

4R

4-roll configuration

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.

2500

2500 mm width

The working area allows processing wide sheet-metal blanks in both single-piece and series production.

18,5

18.5 kW power

The 18.5 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, allowing the pre-bending process to begin precisely.

2

Edge pre-bending

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

3

Main rolling

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

Applications

What can you use the W12-20x2500 for?

The W12-20x2500 rolling machine is ideal for manufacturing 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 ability to form conical components thanks to roll inclination.

Specification

Full technical specification

Model **W12-20x2500**

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

Maximum rolling thickness **20 mm**

Maximum pre-bending thickness **16 mm**

Maximum rolling width **2500 mm**

Top roll diameter **350 mm**

Bottom roll diameter **320 mm**

Side roll diameter **280 mm**

Minimum rolling diameter **600 mm**

Rolling speed **5 m/min**

Motor power **18,5 kW**

Rolling system **4-roll**

Control **CNC / computer control**

Drive **Hydraulic**

Brand **Digima**

Manufacturer code **W12-20x2500**



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Condition**New**

Packaging condition**Original**