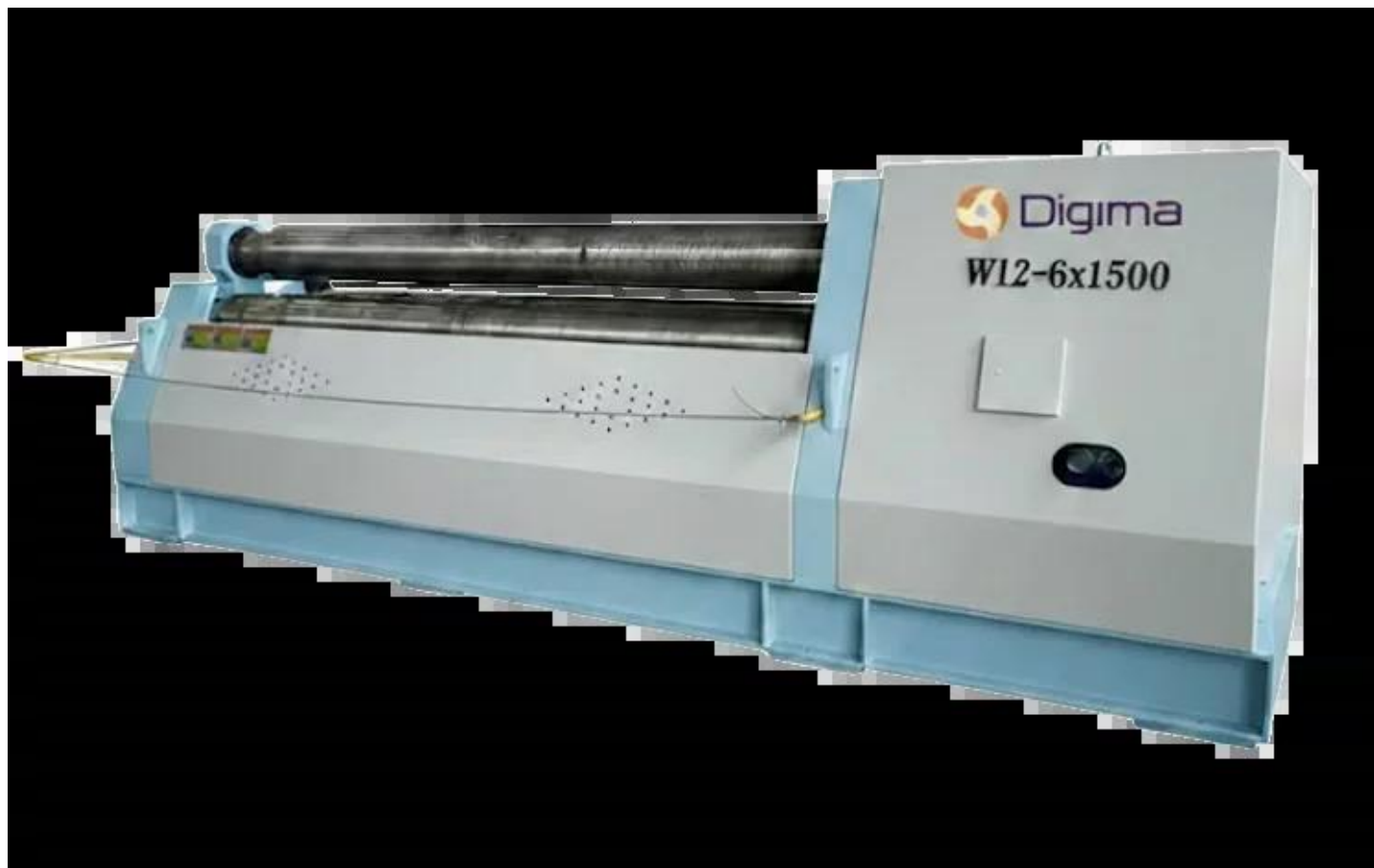


Plate rolling machine W12-20x3200





Main machine photo

Full view of the W12-20x3200 rolling machine with enclosure, working rolls and hydraulic design.

Hydraulic 4-roll plate rolling machine

Plate rolling machine W12-20x3200

Compact CNC 4-roll plate rolling machine with a working width of 3200 mm

W12-20x3200 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 rolling of sheet metal up to **20 mm** and pre-bending up to **16 mm**. The four-roll configuration helps reduce straight sections at the ends of the sheet and increases the repeatability of finished parts.

20

Max. rolling capacity



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20 mm

16

Max. pre-bending capacity

16 mm



Working width

3200 mm



Motor power

22 kW

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

W12-20x3200 combines hydraulic clamping force, CNC control and a stable working-roll configuration.

Machine presentation

Clear technical photo layout

The photos have been arranged so that the user can immediately see the key equipment elements: the control panel and 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 the rolling process parameters.



Stable construction

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

Key benefits

Why choose the W12-20x3200 rolling machine?

4R

4-roll configuration

Allows pre-bending of both edges and proper rolling of the sheet in a single material loading cycle.

CNC



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Computer control

Digital control of roll movements makes repeatable work and precise parameter setup easier.

3200

3200 mm width

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

22

22 kW power

The 22 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 stabilized between the rolls, allowing the pre-bending process to begin precisely.

2

Edge pre-bending

The side rolls form the sheet edges, reducing straight 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 achieved.

Applications

What can you use the W12-20x3200 for?

The W12-20x3200 rolling machine is ideal 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 pipes, technical guards and housing components.



Series production

Repeatable settings help maintain consistent part quality.



Conical components

Possibility of forming conical components thanks to roll tilting.

Specification

Full technical specification

Model **W12-20x3200**

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

Maximum rolling thickness **20 mm**

Maximum pre-bending thickness **16 mm**

Maximum rolling width **3200 mm**

Upper roll diameter **400 mm**

Lower roll diameter **340 mm**

Side roll diameter **300 mm**

Minimum rolling diameter **600 mm**

Rolling speed **5 m/min**

Motor power **22 kW**

Rolling system **4-roll**

Control **CNC / computer-controlled**

Drive **Hydraulic**

Brand **Digima**

Manufacturer code **W12-20x3200**



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Condition**New**

Packaging condition**Original**