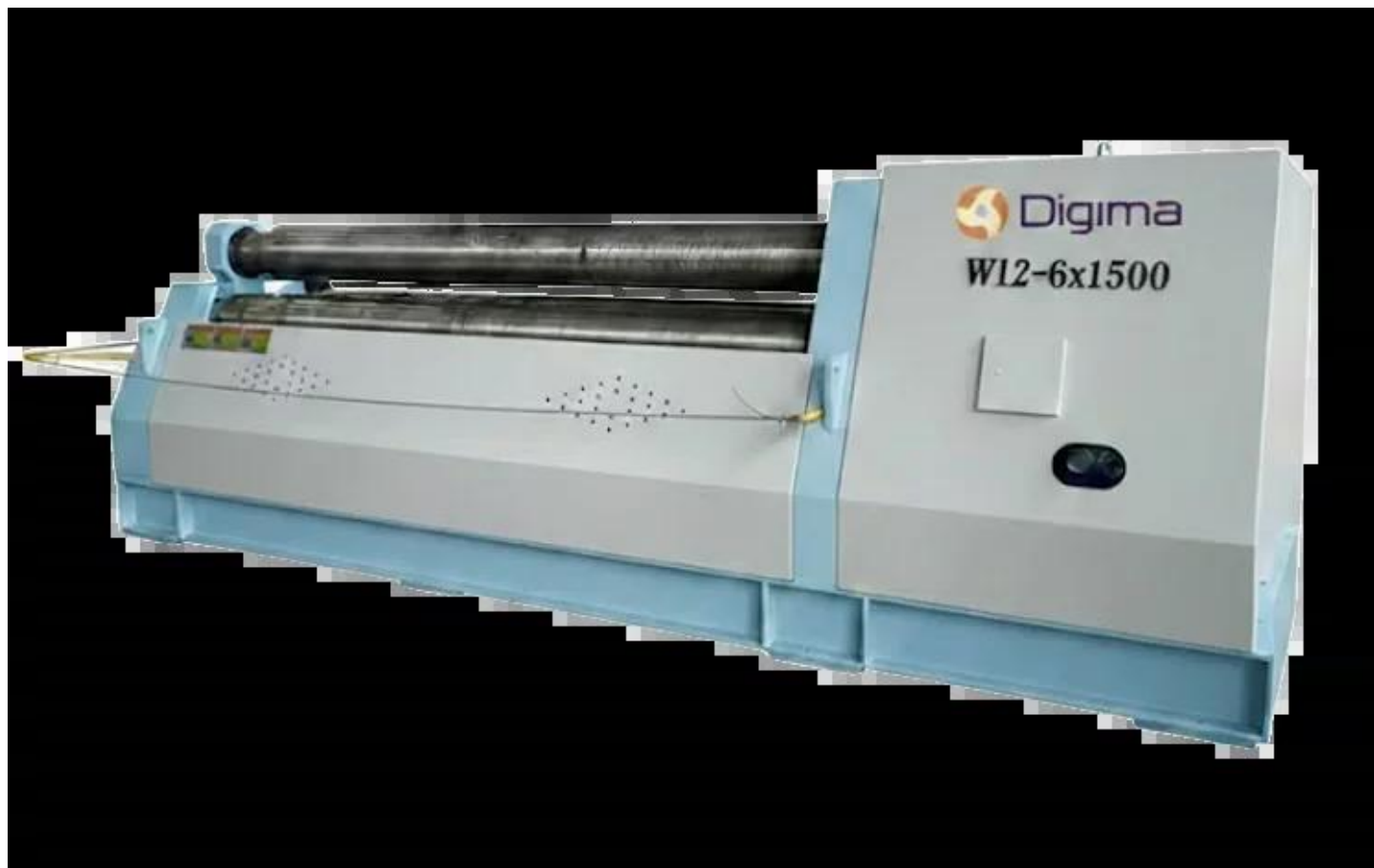


W12-20x2000 plate rolling machine





Main machine photo

Full view of the W12-20x2000 rolling machine with housing, working rolls and hydraulic construction.

Hydraulic 4-roll plate rolling machine

W12-20x2000 plate rolling machine

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

W12-20x2000 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 **20 mm** and pre-bending up to **16 mm**. The four-roll arrangement helps minimise flat sections at the sheet ends and increases repeatability of finished parts.

20

Max. rolling

20 mm



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16

Max. pre-bending

16 mm



Working width

2000 mm



Motor power

15 kW

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

W12-20x2000 combines hydraulic clamping force, CNC control and a stable working-roll system.

Machine presentation

Clear technical photo layout

The photos have been arranged so that the user can immediately see the most important equipment elements: the control panel and the machine construction. 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 rolling-process parameters.



Stable construction

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

Key benefits

Why choose the W12-20x2000 rolling machine?

4R

4-roll system

It enables 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 facilitates repeatable work and precise parameter setting.

2000

2000 mm width

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

15

15 kW power

The 15 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 material ends.

3

Main rolling

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

Applications

What can you use the W12-20x2000 for?

The W12-20x2000 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-round 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

Possibility of forming conical components thanks to roll inclination.

Specifications

Full technical specification

Model **W12-20x2000**

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

Maximum rolling thickness **20 mm**

Maximum pre-bending thickness **16 mm**

Maximum rolling width **2000 mm**

Upper roll diameter **300 mm**

Lower roll diameter **280 mm**

Side roll diameter **220 mm**

Minimum rolling diameter **500 mm**

Rolling speed **5 m/min**

Motor power **15 kW**

Rolling system **4-roll**

Control **CNC / computer control**

Drive **Hydraulic**

Brand **Digima**

Manufacturer code **W12-20x2000**



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Condition**New**

Packaging condition**Original**