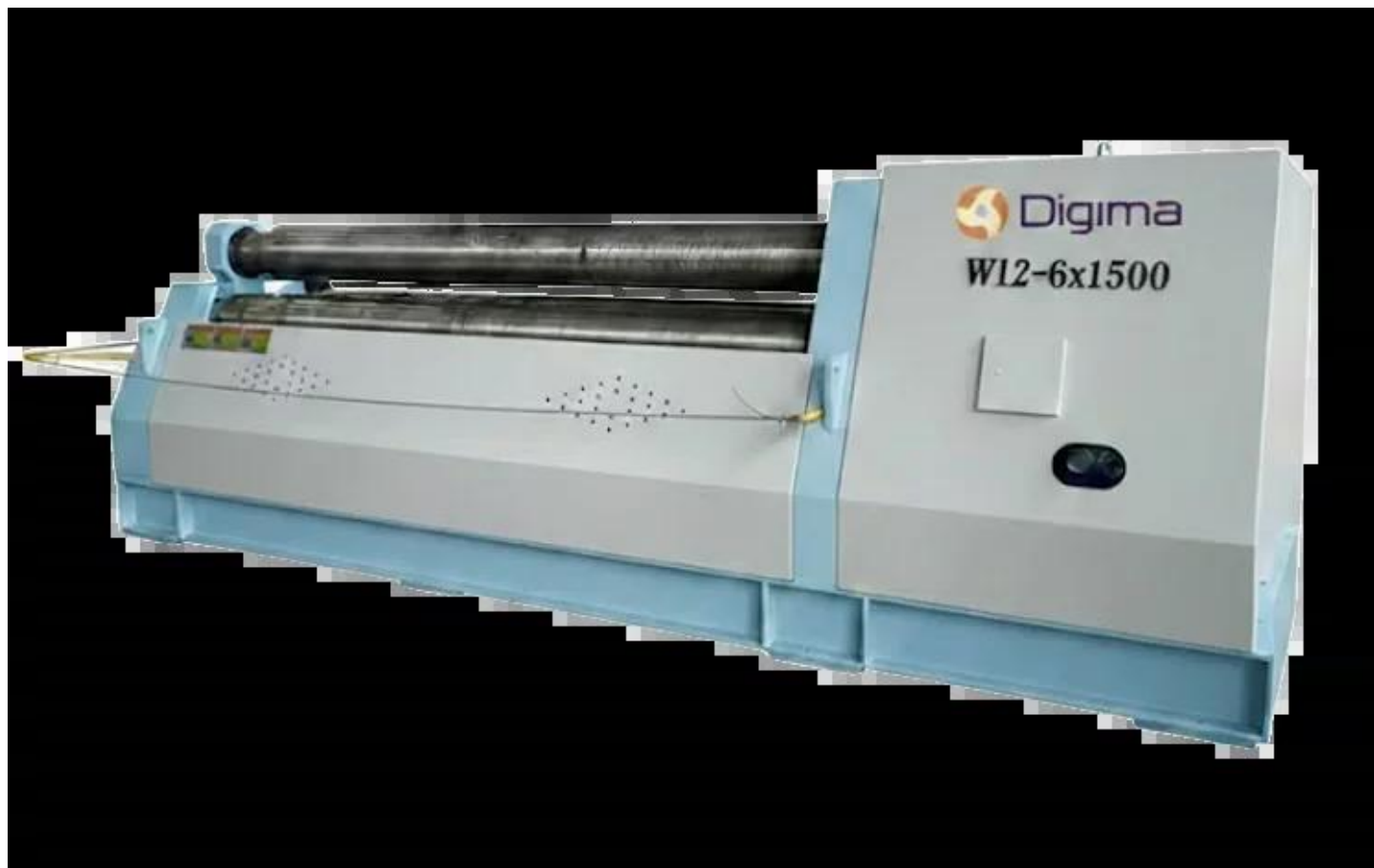


W12-16x2000 plate rolling machine





Main machine photo

Full view of the W12-16x2000 rolling machine with enclosure, working rolls and hydraulic construction.

Hydraulic 4-roll plate rolling machine

W12-16x2000 plate rolling machine

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

W12-16x2000 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 **16 mm** and pre-bending up to **12 mm**. The four-roll arrangement helps reduce straight sections at the ends of the sheet and increases repeatability of component production.

16
Max. rolling



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16 mm

12

Max. pre-bending

12 mm



Working width

2000 mm



Motor power

11 kW

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

W12-16x2000 combines hydraulic clamping force, CNC control and a stable working-roll arrangement.

Machine presentation

Clear layout of technical photos

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

Why choose the W12-16x2000 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 processing of wide sheet-metal blanks in single-piece and serial production.

11

11 kW power

The 11 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 stabilized between the rolls, enabling the pre-bending process to start precisely.

2

Edge pre-bending

The side rolls form the sheet edges, limiting straight sections at the material ends.

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 W12-16x2000 for?

The W12-16x2000 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 blanks.



Pipes and guards

Manufacturing short pipes, technical guards and housing components.



Serial production

Repeatable settings help maintain consistent component quality.



Conical components

The ability to form conical components thanks to roll tilting.

Specification

Full technical specification

Model **W12-16x2000**

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

Maximum rolling thickness **16 mm**

Maximum pre-bending thickness **12 mm**

Maximum rolling width **2000 mm**

Top roll diameter **280 mm**

Bottom roll diameter **260 mm**

Side roll diameter **220 mm**

Minimum rolling diameter **480 mm**

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

Motor power **11 kW**

Rolling system **4-roll**

Control **CNC / computer-controlled**

Drive **Hydraulic**

Brand **Digima**

Manufacturer code **W12-16x2000**



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Condition**New**

Packaging condition**Original**