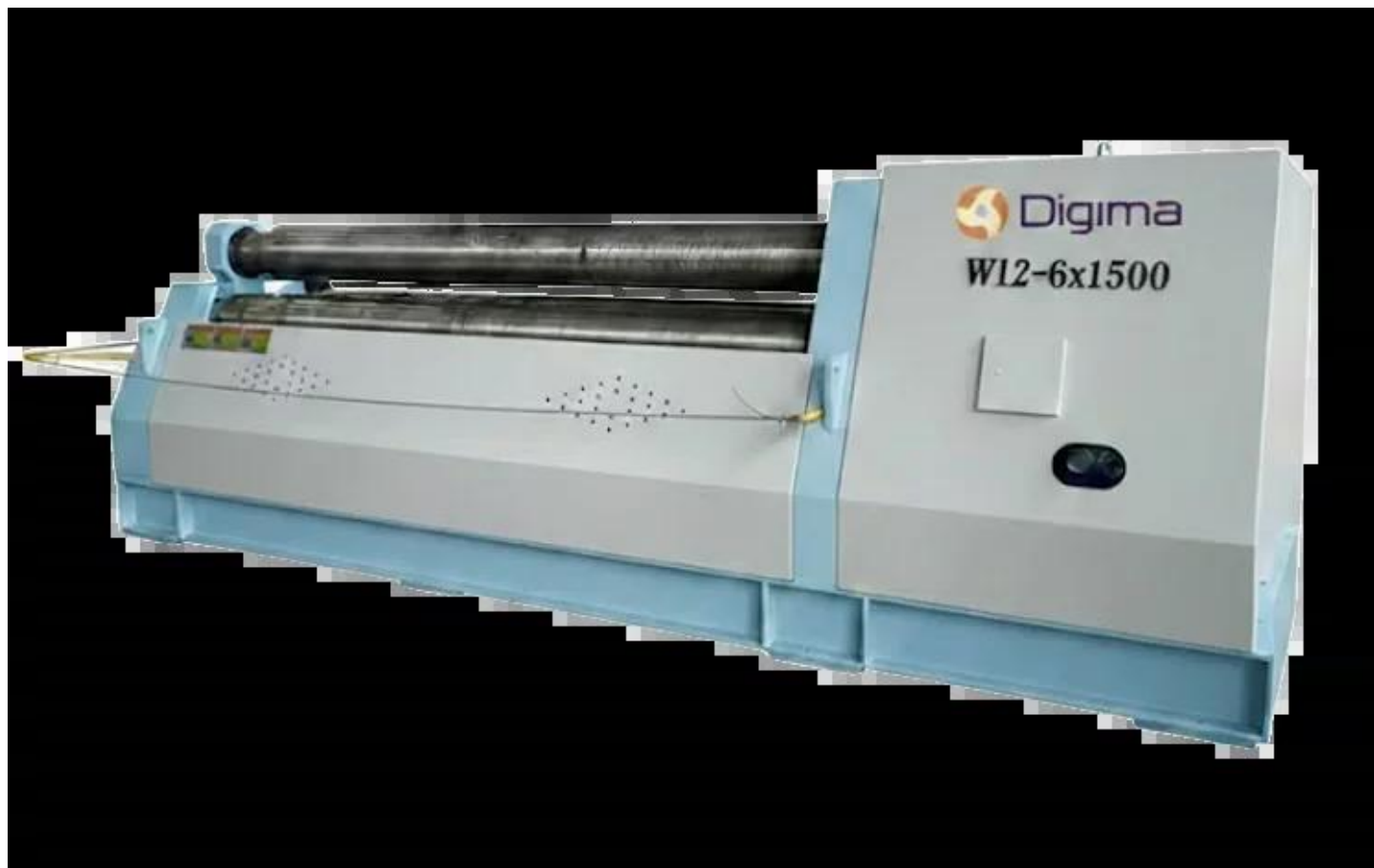


W12-6x1500 Plate Rolling Machine





Main machine image

Full view of the W12-6x1500 rolling machine with enclosure, working rolls and hydraulic construction.

Hydraulic 4-roll plate rolling machine

W12-6x1500 Plate Rolling Machine

Compact CNC 4-roll plate rolling machine with a working width of 1500 mm

W12-6x1500 is a hydraulic 4-roll plate rolling machine designed for precise rolling, pre-bending and forming sheet metal into sleeves, pipes, arcs and cylindrical components.

The machine enables rolling sheet metal up to **6 mm** and pre-bending up to **4 mm**. The four-roll configuration helps reduce flat sections at the ends of the sheet and increases the repeatability of manufactured parts.

6
Max. rolling capacity



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6 mm

4

Max. pre-bending capacity

4 mm

☒

Working width

1500 mm

☒

Motor power

4 kW

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

W12-6x1500 combines hydraulic clamping force, CNC control and a stable working-roll arrangement.

Machine presentation

Clear layout of technical images

The photos have been arranged so that the user can immediately see the most important components: the control panel and the machine structure. This layout is 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 rolling-process parameters.



Stable construction

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

Key benefits

Why choose the W12-6x1500 rolling machine?

4R

4-roll configuration

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 work and precise parameter setting.

1500

1500 mm width

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

4kW

4 kW power

The 4 kW motor ensures stable operation of the hydraulic system during rolling.

Working process

How does the W12 4-roll plate 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 the formation of flat sections at the ends of the material.

3

Main rolling

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

Applications

What can you use the W12-6x1500 for?

The W12-6x1500 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 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 inclination.

Specification

Full technical specification

Model **W12-6x1500**

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

Maximum rolling thickness **6 mm**

Maximum pre-bending thickness **4 mm**

Maximum rolling width **1500 mm**

Upper roll diameter **170 mm**

Lower roll diameter **160 mm**

Side roll diameter **150 mm**

Minimum rolling diameter **300 mm**

Rolling speed **4 m/min**

Motor power **4 kW**

Rolling system **4-rolkowy**

Control **CNC / computerised**

Drive **Hydraulic**

Marka **Digima**

Manufacturer code **W12-6x1500**



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Condition**New**

Packaging condition**Original**