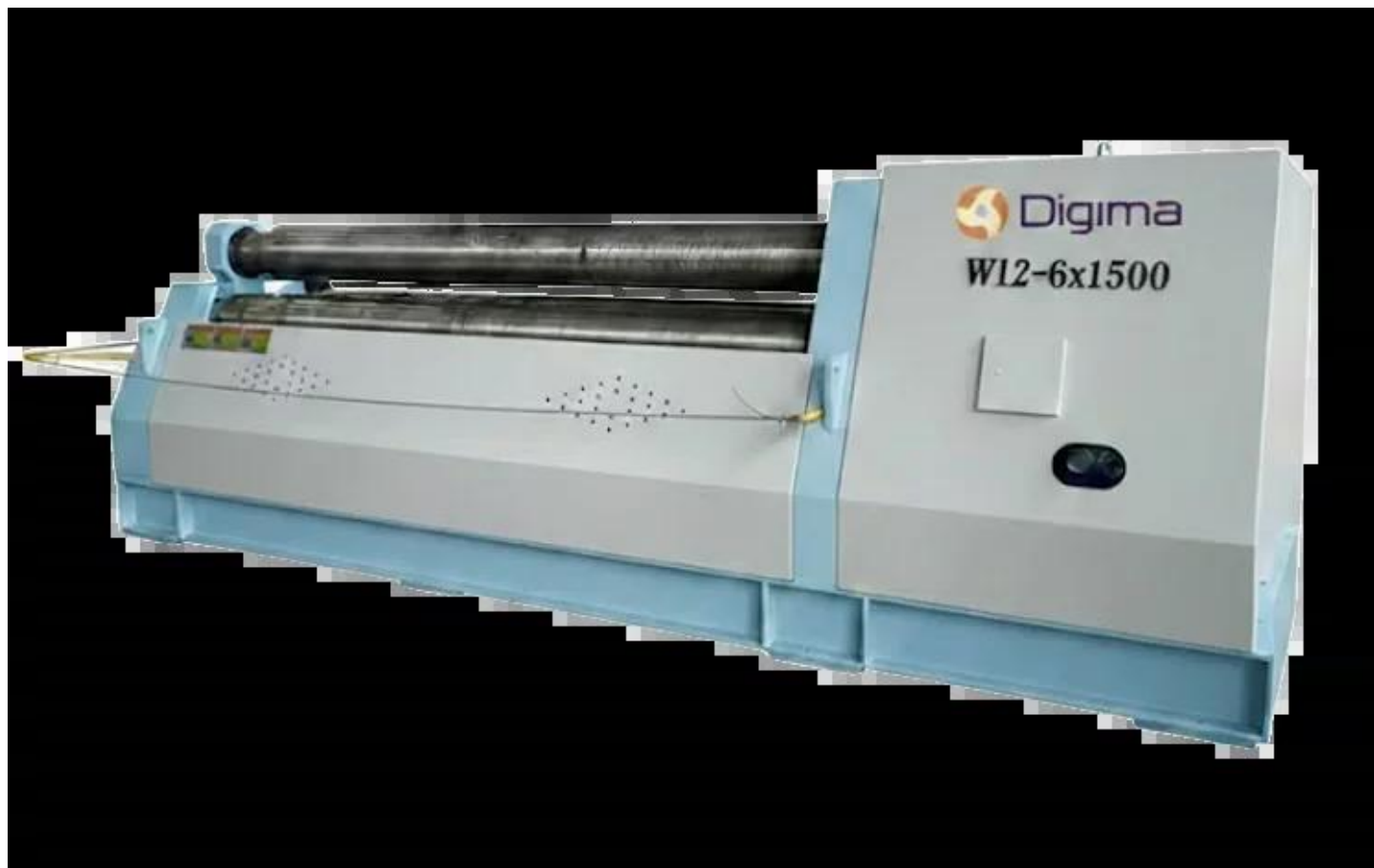


W12-12x2500 plate rolling machine





Main machine photo

Full view of the W12-12x2500 rolling machine with enclosure, working rolls and hydraulic construction.

Hydraulic 4-roll plate rolling machine

W12-12x2500 plate rolling machine

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

W12-12x2500 is a hydraulic 4-roll plate rolling machine designed for precise rolling, pre-bending and forming of sheet metal into sleeves, tubes, arcs and cylindrical components.

The machine enables rolling sheet metal up to **12 mm** and pre-bending up to **10 mm**. The four-roll configuration helps reduce straight sections at the ends of the sheet and improves the repeatability of finished parts.

12

Max. rolling



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12 mm

10

Max. pre-bending

10 mm



Working width

2500 mm



Motor power

11 kW

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

W12-12x2500 combines hydraulic clamping force, CNC control and a stable working-roll system.

Machine presentation

Clean layout of technical photos

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 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 configuration ensure precise material guidance.

Key advantages

Why choose the W12-12x2500 rolling machine?

4R

4-roll configuration

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 makes repeatable work and precise parameter settings easier.

2500

2500 mm width

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

11

11 kW power

The 11 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, limiting straight sections at the ends of the material.

3

Main rolling

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

Applications

What can you use the W12-12x2500 for?

The W12-12x2500 rolling machine is ideal for producing cylindrical components, tubes, 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.



Tubes and guards

Manufacturing short tubes, technical guards and enclosure components.



Series production

Repeatable settings help maintain consistent part quality.



Conical components

Capability to form conical components thanks to roll inclination.

Specification

Full technical specification

Model **W12-12x2500**

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

Maximum rolling thickness **12 mm**

Maximum pre-bending thickness **10 mm**

Maximum rolling width **2500 mm**

Top roll diameter **280 mm**

Bottom roll diameter **260 mm**

Side roll diameter **200 mm**

Minimum rolling diameter **560 mm**

Rolling speed **4 m/min**

Motor power **11 kW**

Rolling system **4-roll**

Control **CNC / computer-controlled**

Drive **Hydraulic**

Brand **Digima**

Manufacturer code **W12-12x2500**



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Condition**New**

Packaging condition**Original**