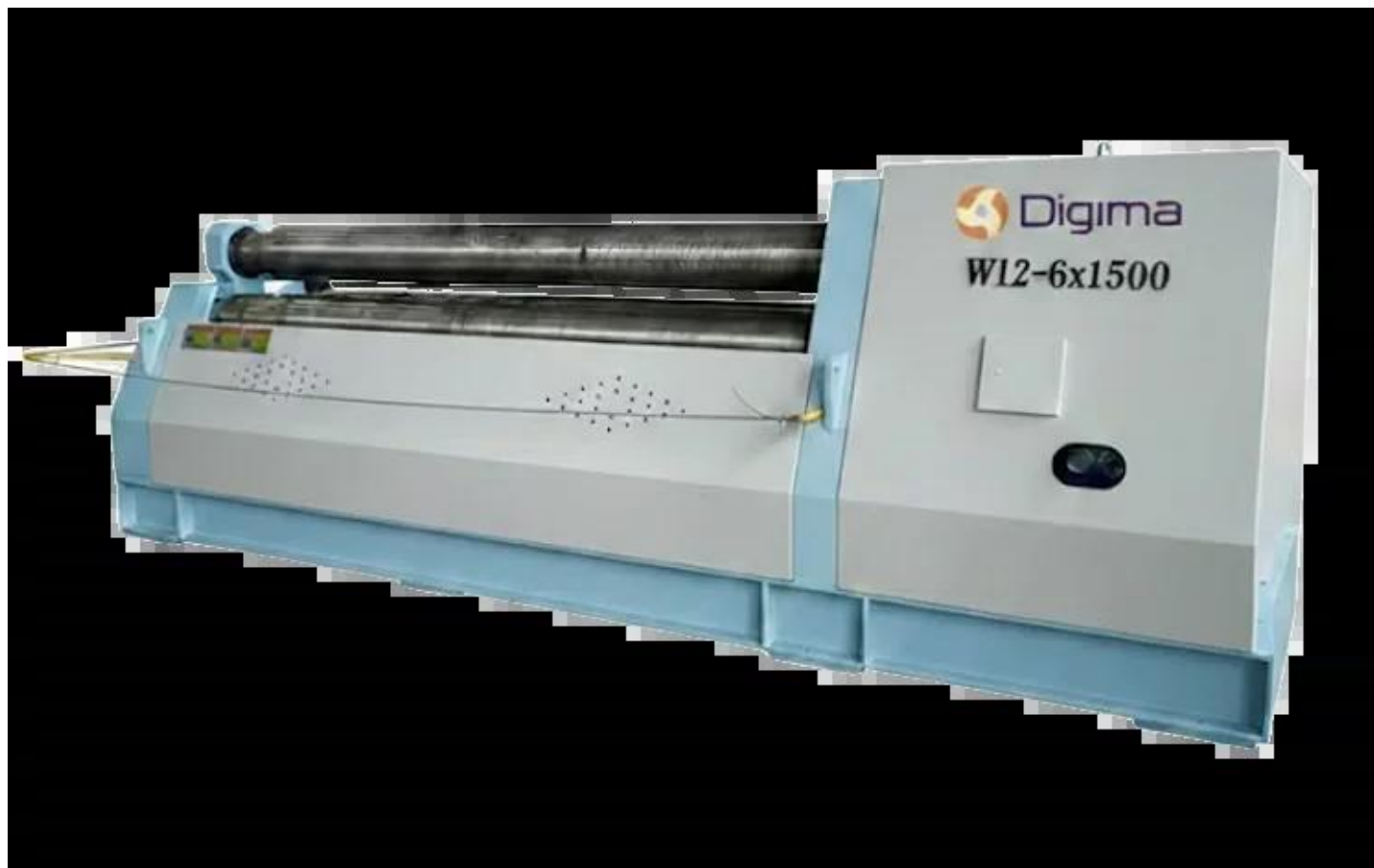
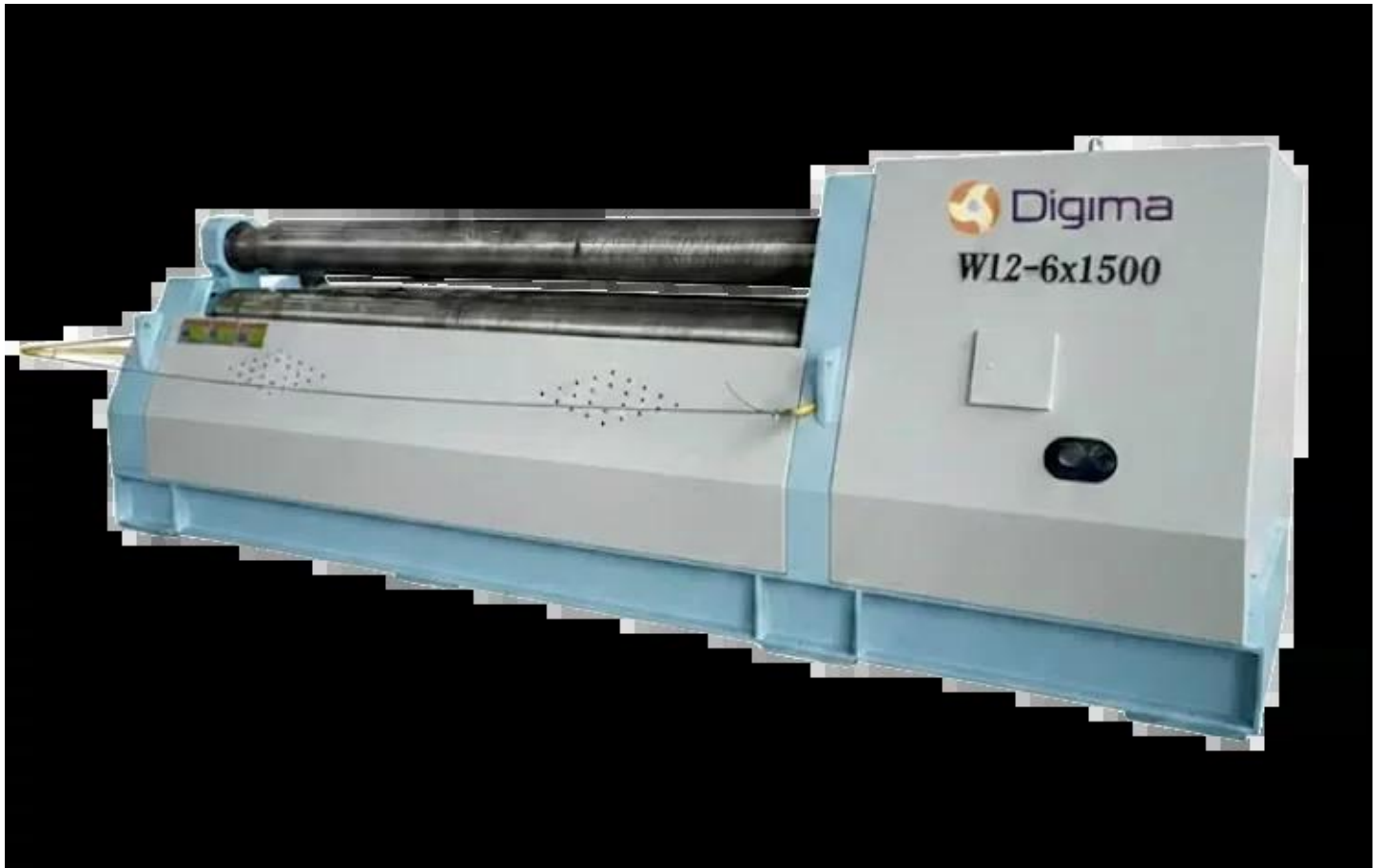


Plate rolling machine W12-30x2500





Main machine photo

Full view of the W12-30x2500 rolling machine with enclosure, working rolls and hydraulic construction.

Hydraulic 4-roll plate rolling machine

Plate rolling machine W12-30x2500

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

W12-30x2500 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 **30 mm** and pre-bending up to **25 mm**. The four-roll system helps reduce straight sections at the ends of the sheet and improves the repeatability of manufactured parts.

30
Max. rolling capacity



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30 mm

25

Max. pre-bending capacity

25 mm



Working width

2500 mm



Motor power

30 kW

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

W12-30x2500 combines hydraulic clamping force, CNC control and a stable working-roll system.

Machine presentation

Neat layout of technical photos

The photos have been arranged so that the user can immediately see the most important equipment components: the control panel and the machine structure. This layout looks light and modern without overloading 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 W12-30x2500 rolling machine?

4R

4-roll system

It 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.

2500

2500 mm width

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

30

30 kW power

The 30 kW motor ensures stable operation of the hydraulic system during rolling.

Operating 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 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 obtained.

Applications

What can you use the W12-30x2500 for?

The W12-30x2500 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.



Pipes and guards

Manufacturing 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 tilting.

Specification

Full technical specification

Model **W12-30x2500**

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

Maximum rolling thickness **30 mm**

Maximum pre-bending thickness **25 mm**

Maximum rolling width **2500 mm**

Upper roll diameter **430 mm**

Lower roll diameter **380 mm**

Side roll diameter **320 mm**

Minimum rolling diameter **700 mm**

Rolling speed **4 m/min**

Motor power **30 kW**

Rolling system **4-roll**

Control **CNC / computerised**

Drive **Hydraulic**

Brand **Digima**

Manufacturer code **W12-30x2500**



KARTA PRODUKTOWA

Condition**New**

Packaging condition**Original**