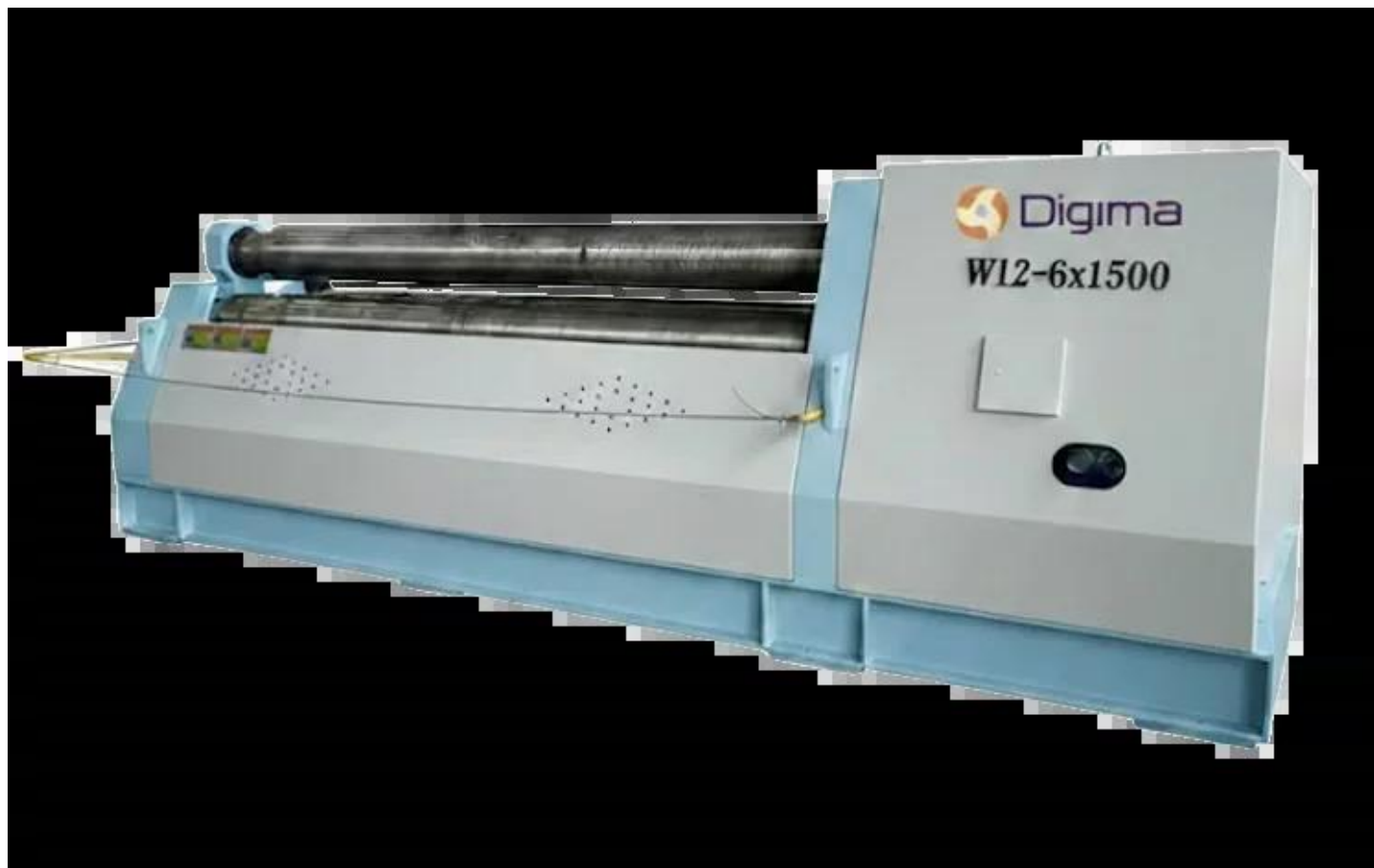


## Plate rolling machine W12-16x2500





### Main machine photo

Full view of the W12-16x2500 rolling machine with housing, working rolls and hydraulic construction.

Hydraulic 4-roll plate rolling machine

## Plate rolling machine W12-16x2500

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

**W12-16x2500** 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 **16 mm** and pre-bending up to **12 mm**. The four-roll configuration reduces flat sections at the ends of the sheet and increases repeatability of manufactured components.

16

Max. rolling



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16 mm

12

Max. pre-bending

12 mm



Working width

2500 mm



Motor power

11 kW

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

W12-16x2500 combines hydraulic clamping force, CNC control and a stable working-roll system.

Machine presentation

### **Clear 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 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 advantages

### **Why choose the W12-16x2500 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 facilitates repeatable work and precise parameter settings.

2500

### **2500 mm width**

The working area allows wide sheet metal to be processed in both one-off 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 stabilized between the rolls, allowing the pre-bending process to start precisely.

2

#### **Edge pre-bending**

The side rolls form the sheet edges, limiting flat 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 W12-16x2500 for?**

The W12-16x2500 rolling machine is suitable for producing cylindrical components, pipes, sleeves, guards, housings, tanks and technical components 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 component quality.



### Conical components

Possibility of forming conical components thanks to roll inclination.

Specification

### Full technical specification

Model **W12-16x2500**

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

Maximum rolling thickness **16 mm**

Maximum pre-bending thickness **12 mm**

Maximum rolling width **2500 mm**

Upper roll diameter **300 mm**

Lower roll diameter **280 mm**

Side roll diameter **220 mm**

Minimum rolling diameter **500 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 **W12-16x2500**



## KARTA PRODUKTOWA

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Condition**New**

Packaging condition**Original**