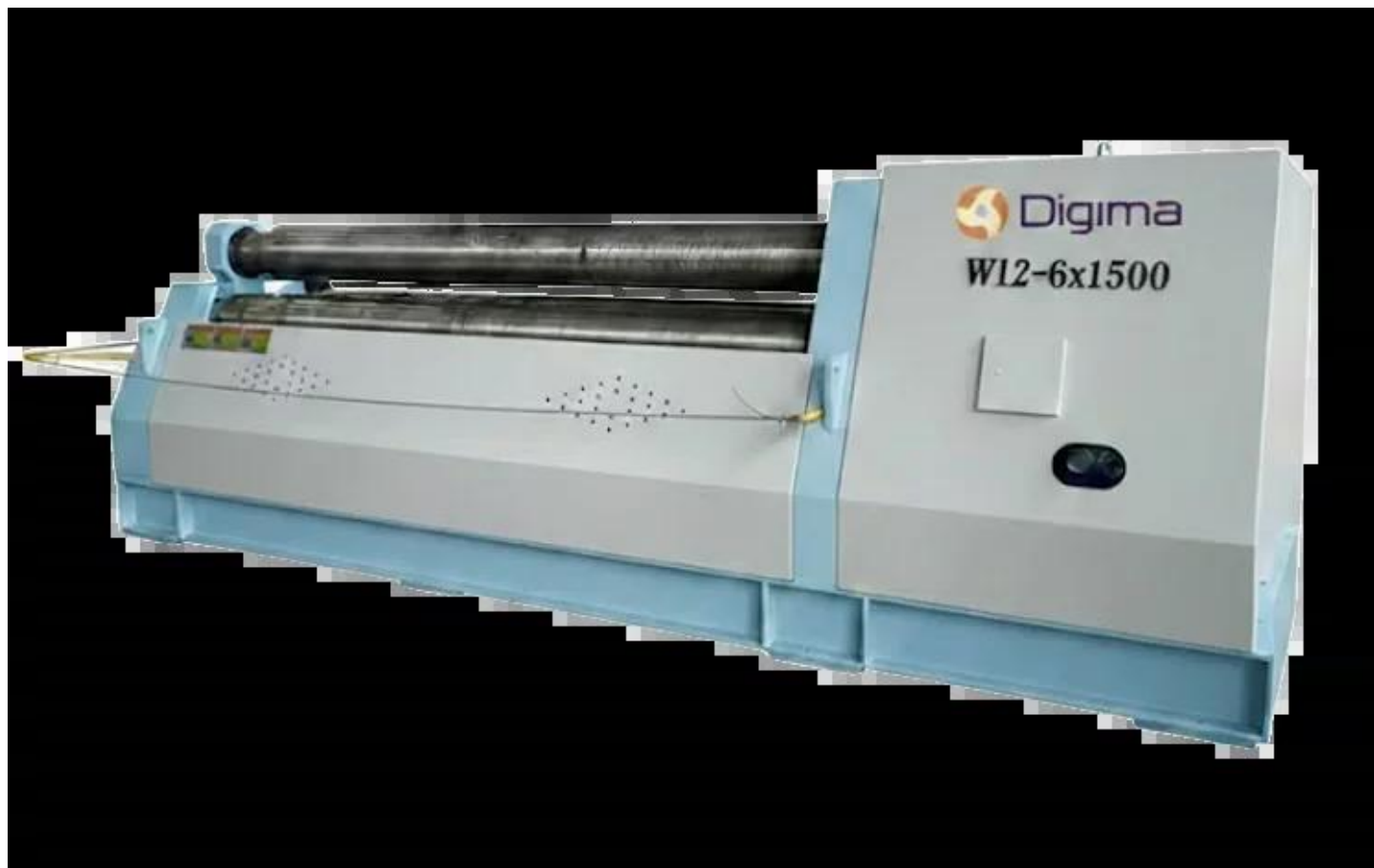


Plate rolling machine W12-6x2000





Main machine image

Full view of the W12-6x2000 rolling machine with enclosure, working rolls and hydraulic construction.

Hydraulic 4-roll plate rolling machine

Plate rolling machine W12-6x2000

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

W12-6x2000 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 system reduces straight sections at the sheet ends and increases the repeatability of produced parts.

6
Max. rolling capacity
6 mm



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- 4
- Max. pre-bending capacity
- 4 mm
- ⊠
- Working width
- 2000 mm
- ⊠
- Motor power
- 4 kW
- Modern 4-roll design for fast and repeatable sheet metal processing.**

W12-6x2000 combines hydraulic clamping force, CNC control and a stable working-roll system.

Machine presentation

Clear technical image layout

The photos have been arranged so that the user can immediately see the key equipment components: the control panel and machine construction. This layout looks light, 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 the rolling-process parameters.



Stable construction

The compact machine body and properly designed roll configuration ensure precise material guiding.

Key benefits

Why choose the W12-6x2000 rolling machine?

4R

4-roll system

Allows both edges to be pre-bent and the sheet to be properly rolled in a single material loading cycle.

CNC



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Computer control

Digital control of roll movement facilitates repeatable operation and precise parameter setting.

2000

2000 mm width

The working area allows wide metal sheets 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 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 shape the sheet edges, limiting straight sections at the material ends.

3

Main rolling

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

Applications

What can the W12-6x2000 be used for?

The W12-6x2000 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-round components from sheet metal.



Pipes and guards

Manufacturing short pipes, technical guards and enclosure components.



Series production

Repeatable settings help maintain consistent part quality.



Conical components

The ability to form conical components thanks to roll inclination.

Specification

Full technical specification

Model **W12-6x2000**

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

Maximum rolling thickness **6 mm**

Maximum pre-bending thickness **4 mm**

Maximum rolling width **2000 mm**

Upper roll diameter **190 mm**

Lower roll diameter **180 mm**

Side roll diameter **170 mm**

Minimum rolling diameter **400 mm**

Rolling speed **4 m/min**

Motor power **4 kW**

Rolling system **4-roll**

Control **CNC / computer control**

Drive **Hydraulic**

Brand **Digima**

Manufacturer code **W12-6x2000**



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Condition**New**

Packaging condition**Original**