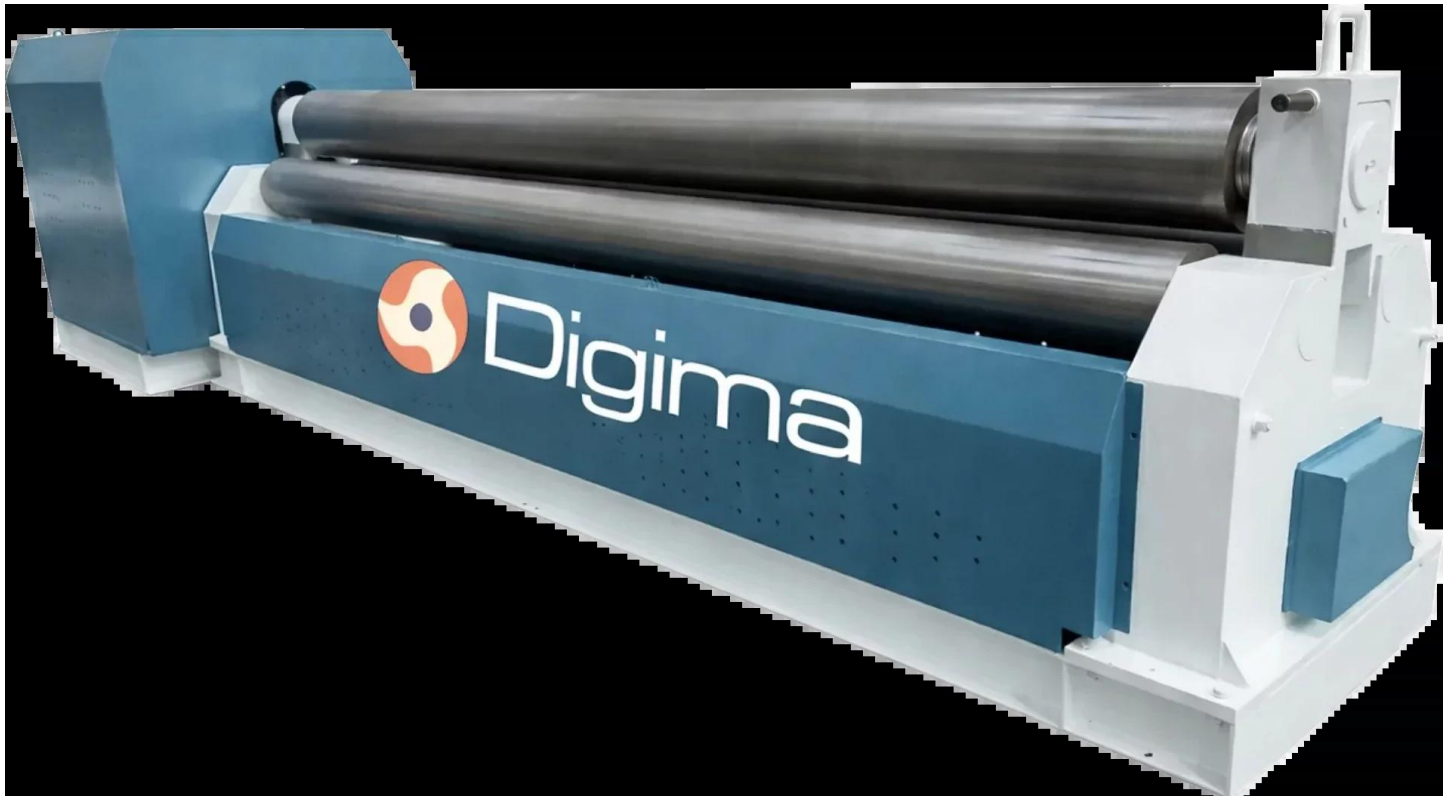


Hydraulic 3-roll plate rolling machine WM11 25×2500 mm





25 mm

2500 mm

22 kW

Machine description

Hydraulic 3-roll plate rolling machine WM11 25×2500 mm

Precision rolling of sheet metal, tubes, arcs and structural components

WM11 25×2500 mm is a hydraulic 3-roll plate rolling machine designed for bending and rolling sheet metal into cylinders, tubes or arcs. It is intended for workshops that require stable, powerful and repeatable sheet-metal processing.

The three-roll system guides the material in a controlled manner: the two lower rolls support the sheet, while the upper roll applies hydraulic pressure, giving it the required bending radius.

The machine is suitable for manufacturing tanks, housings, tubes, steel components, structural parts and details requiring a smooth, even curve.

☒

Working width

2500 mm

☒



KARTA PRODUKTOWA

Max. plate thickness

25 mm



Machine power

22 kW



Rolling speed

4 m/min

WM11 25×2500 mm is a plate rolling machine built for real production work.

Robust construction, hydraulic pressure and a 3-roll system make it possible to achieve repeatable sheet-metal bending at different radii.

Why choose the WM11 hydraulic plate rolling machine?

3R

3-roll system

Even sheet guidance and stable forming of cylinders, tubes and arcs.

H

Hydraulic drive

High clamping force, smooth operation and greater convenience with heavier sheets.

25

For plates up to 25 mm

Machine designed for rolling plates up to 25 mm thick.

2,5

2500 mm width

Working width suitable for larger sheets and production applications.



Radius adjustment

Ability to achieve different bending radii depending on the roll settings.



KARTA PRODUKTOWA



Industrial operation

Robust construction prepared for intensive use in the workshop.

Operating principle

How does a hydraulic 3-roll plate rolling machine work?

In a 3-roll plate rolling machine, the sheet passes between the rolls, which gradually give it the required shape. Thanks to the hydraulic pressure of the upper roll, the operator can control the bending process and match the radius to the type of workpiece.

1

Material support

The two lower rolls guide and stabilize the sheet, keeping it in the correct position as it passes through the machine.

2

Hydraulic pressure

The upper roll presses the material and gradually gives it a radius. This is the key element responsible for shape control.

3

Repeatable rolling

The material passes through the rolls until the required arc, cylinder, tube or structural component is achieved.

Different types and variants of plate rolling machines available

The choice of a plate rolling machine depends on sheet thickness, working width, required output, production type and degree of automation. The range can include both 3-roll and 4-roll models, as well as variants with different working lengths and bending capabilities.

3 rolls



KARTA PRODUKTOWA

3-roll plate rolling machines

A versatile solution for rolling sheet metal into cylinders, tubes and arcs. A good choice for workshops and industrial production.

4 rolls

4-roll plate rolling machines

A solution for more demanding applications, often chosen where greater automation and process repeatability are important.

Dimensions

Different working lengths

Plate rolling machines can be selected to suit the material width, from smaller workshop models to machines for large production sheets.

Thickness

Different bending ranges

Variants are available for thinner and thicker sheets, allowing the machine to be matched to the actual production profile.

What can a hydraulic plate rolling machine be used for?

Hydraulic plate rolling machines are used wherever a controlled arc, cylinder or cylindrical shape needs to be formed from sheet metal.



Tank production

Rolls and cylinders

- Cylindrical and semi-cylindrical components.
- Tank shells and tubular structures.
- Details requiring a repeatable radius.





KARTA PRODUKTOWA

Metalworking workshops

Sheet metal processing

- Rolling steel sheets.
- Manufacturing housings, guards and technical components.
- One-off jobs and short production runs.



Steel structures

Load-bearing and protective components

- Arcs and structural segments.
- Components for machinery, installations and enclosures.
- Production for industry and maintenance departments.

Full technical specifications

Model **W11-25x2500**

Machine type **Hydraulic 3-roll plate rolling machine**

Maximum rolled plate thickness **25 mm**

Maximum rolled plate width **2500 mm**

Upper roll diameter **370 mm**

Lower roll diameter **270 mm**

Rolling speed **4 m/min**

Power **22 kW**

Rolling system **3-roll**

Drive **Hydraulic**

Function **Bending and rolling sheet metal, also with pre-bending function**

Application **Tubes, tanks, housings, steel and structural components**