

Hydraulic 4-roll plate rolling machine UZMA UHMS-4 25250





Machine description

Hydraulic 4-roll plate rolling machine UZMA UHMS-4 25250

Hydraulic 4-roll plate rolling machine with a working length of 2550 mm



KARTA PRODUKTOWA

UZMA UHMS-4 25250 is a hydraulic 4-roll plate rolling machine designed for precision bending, pre-bending and rolling of sheet metal with a working length of **2550 mm**.

The machine enables **pre-bending of 6/8 mm sheet metal** and **main bending of 8/10 mm**. The four-roll working configuration enables efficient material guiding and reduces flat sections at the ends of the sheet.

The UHMS-4 25250 model is ideal for workshops, production plants and the manufacture of sleeves, pipes, guards, cylindrical components and parts with a repeatable radius.



Working length

2550 mm



Pre-bending

6/8 mm



Main bending

8/10 mm



Motor power

7,5 + 1,5 kW

UHMS-4 25250 is a robust 4-roll plate rolling machine for precision work with medium and thicker sheet metal.

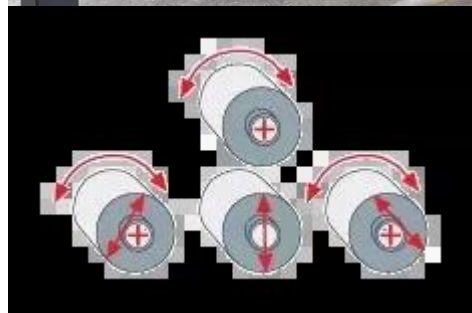
The hydraulic clamping system, driven central rolls and robust construction ensure stable and repeatable rolling of components.

Photo gallery

Machine photos

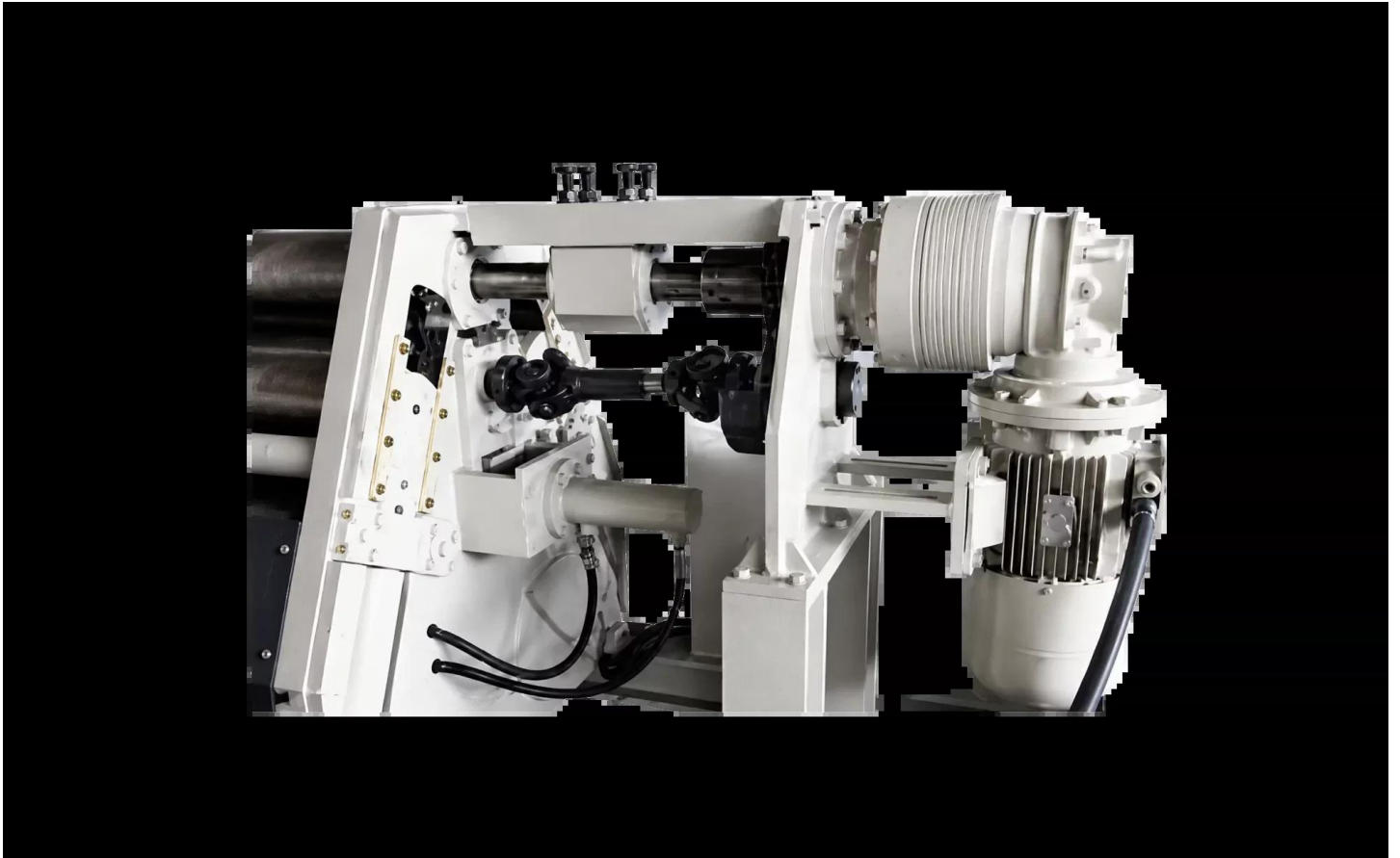


KARTA PRODUKTOWA



KARTA PRODUKTOWA





Why choose the UZMA UHMS-4 25250 plate rolling machine?

4R

4-roll configuration

Better sheet guidance, convenient pre-bending and a smaller flat section at the sheet ends.

2550

Length 2550 mm

A longer working area for producing sleeves, pipes, guards and wider components.

10

Bending 8/10 mm

The machine is designed for smooth forming of sheet metal up to 8/10 mm thick.

250



KARTA PRODUKTOWA

Rolls 250/200 mm

250 mm central rolls and 200 mm side rolls ensure stable material guidance.

5

Speed 5 m/min

A constant bending speed allows predictable and repeatable work in the production cycle.

6100

Weight 6100 kg

The robust construction reduces vibration and improves stability during sheet metal processing.

Operating principle

How does a hydraulic 4-roll plate rolling machine work?

In a 4-roll plate rolling machine, the material is gripped between the upper and lower roll, while the side rolls are responsible for shaping the radius. This configuration enables efficient pre-bending of both edges and proper rolling of the sheet without the need for repeated repositioning of the material.

1

Gripping and positioning the sheet

The sheet is stabilised between the central rolls, making it easier to control the material position.

2

Pre-bending the edges

The side rolls enable bending of the beginning and end of the sheet, reducing the formation of flat sections.

3

Main rolling

The material is guided through the roll system until a sleeve, cylinder, arc or another rolled component is obtained.



KARTA PRODUKTOWA

What can you use the UZMA UHMS-4 25250 plate rolling machine for?

The UHMS-4 25250 4-roll plate rolling machine is ideal wherever precise rolling of sheet metal with a working length of 2550 mm is required, including the production of sleeves, pipes, guards, cylinders and technical components with a repeatable bending radius.



Production of sleeves and cylinders

Medium and thicker components

- Forming sleeves and cylindrical sheet metal components.
- Production of guards, rings and short pipe sections.
- Repeatable bending of components with a constant radius.



Workshops and production plants

Heavy-duty production

- Processing medium and thicker sheet metal sheets.
- Work in both single-piece and series production.
- Manufacture of technical and structural components.



Pipes, guards and technical components

Precision rolling

- Production of tubular and semi-circular components.
- Rolling of guards, housings and metal parts.
- Capability to produce components with variable radii.

Full technical specifications

Model **UHMS-4 25250**

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

Working length **2550 mm**

Pre-bending capacity **6/8 mm**

Main bending capacity **8/10 mm**

Central roll diameter **250 mm**



KARTA PRODUKTOWA

Side roll diameter **200 mm**

Motor power **7,5 + 1,5 kW**

Minimum internal diameter **375/1250 mm**

Bending speed **5 m/min**

Overall dimensions **4500 × 1500 × 1370 mm**

Total weight **6100 kg**

Rolling system **4-roll**

Drive **Hydraulic**

Marka **Digima / UZMA**

Manufacturer code **UZMA UHMS-4 25250**

Condition **New**

Packaging condition **Original**

Application **Bending, pre-bending and rolling of medium and thicker sheet metal**