

Hydraulic 4-roll plate rolling machine UZMA UHMS-4 40250





Machine description

Hydraulic 4-roll plate rolling machine UZMA UHMS-4 40250

Hydraulic 4-roll plate rolling machine with a working length of 4100 mm



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UZMA UHMS-4 40250 is a hydraulic 4-roll plate rolling machine designed for precision bending, pre-bending and rolling of sheet metal with a working length of **4100 mm**.

The machine enables **pre-bending of 3/4 mm sheet metal** and **main bending of 4/6 mm sheet metal**. The four-roll configuration allows efficient material guiding and reduces flat sections at the ends of the sheet.

The UHMS-4 40250 model is suitable for workshops, production facilities and manufacturing sleeves, pipes, guards, cylindrical components and long parts with a repeatable radius.



Working length

4100 mm



Pre-bending

3/4 mm



Main bending

4/6 mm



Motor power

7,5 + 1,5 kW

UHMS-4 40250 is a long 4-roll plate rolling machine for precision work with sheet metal up to 4100 mm wide.

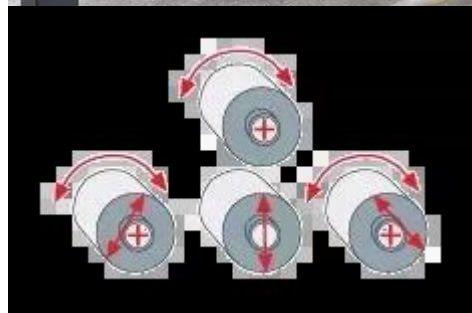
The hydraulic clamping system, driven central rolls and robust construction ensure stable and repeatable rolling of components.

Photo gallery

Machine photos



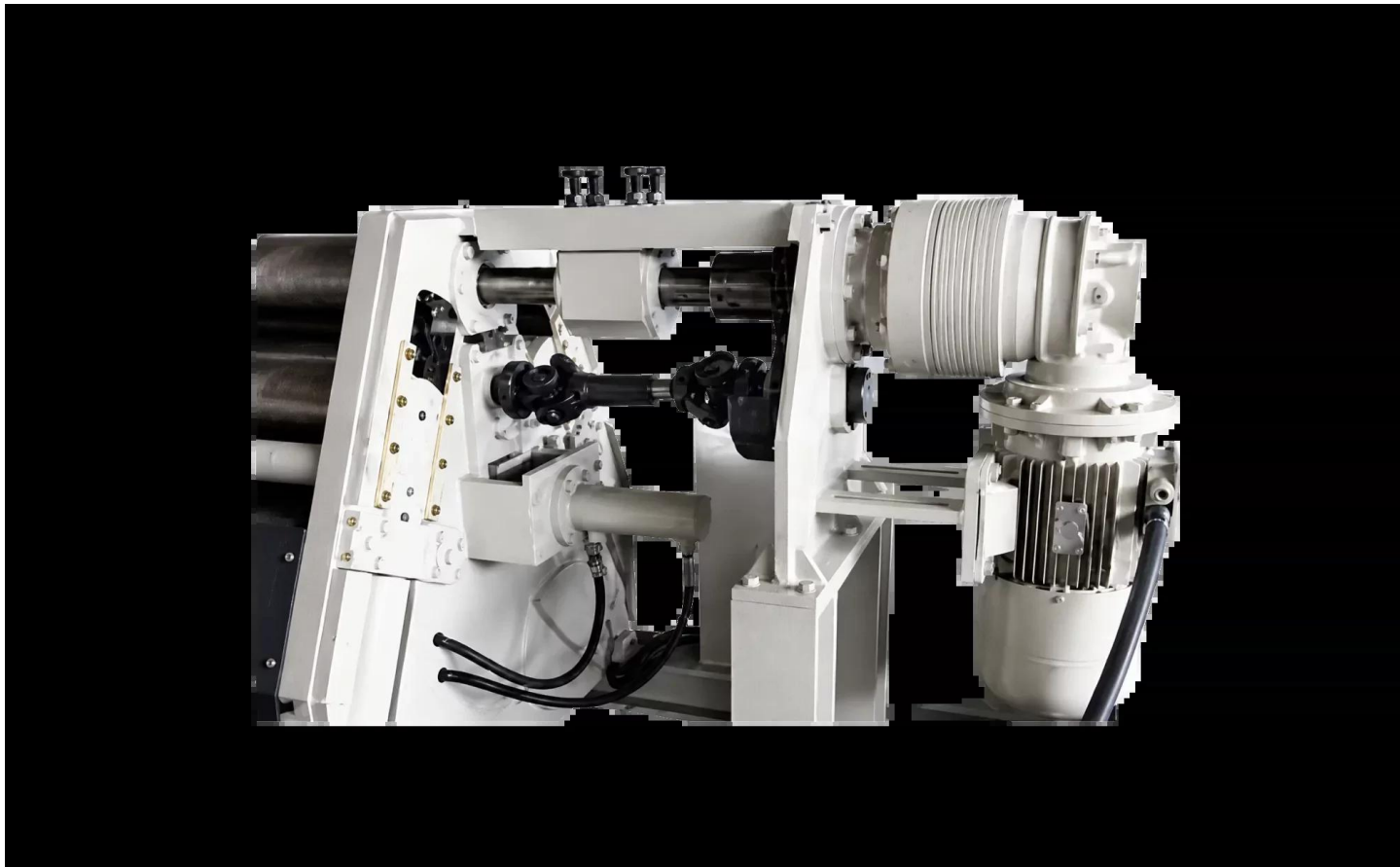
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Why choose the UZMA UHMS-4 40250 rolling machine?

4R

4-roll configuration

Better sheet guidance, convenient pre-bending and reduced flat sections at the ends of the sheet.

4100

4100 mm length

An extra-long working area for producing sleeves, pipes, guards and wide components.

6

4/6 mm bending

The machine is designed for smooth forming of sheet metal up to 4/6 mm thick.

250



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250/200 mm rolls

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

5

5 m/min speed

A constant bending speed enables predictable and repeatable operation in the production cycle.

8500

8500 kg weight

The robust construction reduces vibration and improves stability when processing long sheet-metal blanks.

Operating principle

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

In a 4-roll rolling machine, the material is gripped between the upper and lower rolls, while the side rolls shape 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

Sheet gripping and positioning

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

2

Edge pre-bending

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

3

Main rolling

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



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What can you use the UZMA UHMS-4 40250 rolling machine for?

The UHMS-4 40250 4-roll rolling machine is ideal wherever the following are required: precision rolling of sheet-metal blanks with a working length of 4100 mm, production of sleeves, pipes, guards, cylinders and technical components with a repeatable bending radius.



Sleeve and cylinder production

Long components

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



Workshops and production facilities

Long-format production

- Processing long sheet-metal blanks.
- Operation in both single-piece and series production.
- Manufacturing technical and structural components.



Pipes, guards and technical components

Precision rolling

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

Full technical specification

Model **UHMS-4 40250**

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

Working length **4100 mm**

Pre-bending capacity **3/4 mm**

Main bending capacity **4/6 mm**

Central roll diameter **250 mm**



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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 **6000 × 1500 × 1370 mm**

Total weight **8500 kg**

Rolling system **4-roll**

Drive **Hydraulic**

Brand **Digima / UZMA**

Manufacturer code **UZMA UHMS-4 40250**

Condition **New**

Packaging condition **Original**

Intended use **Bending, pre-bending and rolling of long sheet-metal blanks**