

Hydraulic 4-roll plate rolling machine UZMA UHMS-4 30250





Machine description

Hydraulic 4-roll plate rolling machine UZMA UHMS-4 30250

Hydraulic 4-roll plate rolling machine with a working length of 3100 mm



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UZMA UHMS-4 30250 is a hydraulic 4-roll plate rolling machine designed for precise bending, pre-bending and rolling of sheet metal with a working length of **3100 mm**.

The machine enables **pre-bending of 5/7 mm sheet metal** oraz **main bending of 7/9 mm sheet metal**. The four-roll operating system allows efficient material guiding and reduces flat sections at the ends of the sheet.

The UHMS-4 30250 model is suitable for workshops, production facilities and the production of sleeves, pipes, guards, cylindrical components and parts with a repeatable radius.



Working length
3100 mm



Pre-bending
5/7 mm



Main bending
7/9 mm



Motor power
7,5 + 1,5 kW

UHMS-4 30250 is a powerful 4-roll plate rolling machine for precision work with medium and thicker sheet metal.

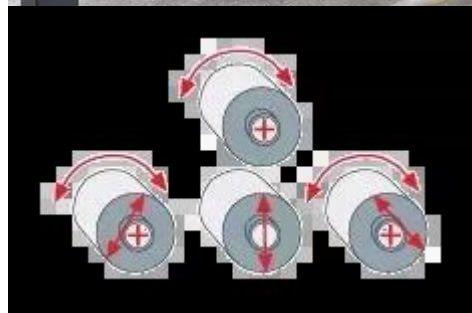
The hydraulic clamping system, driven central rolls and robust construction ensure stable and repeatable rolling of components.

Photo gallery

Machine photos

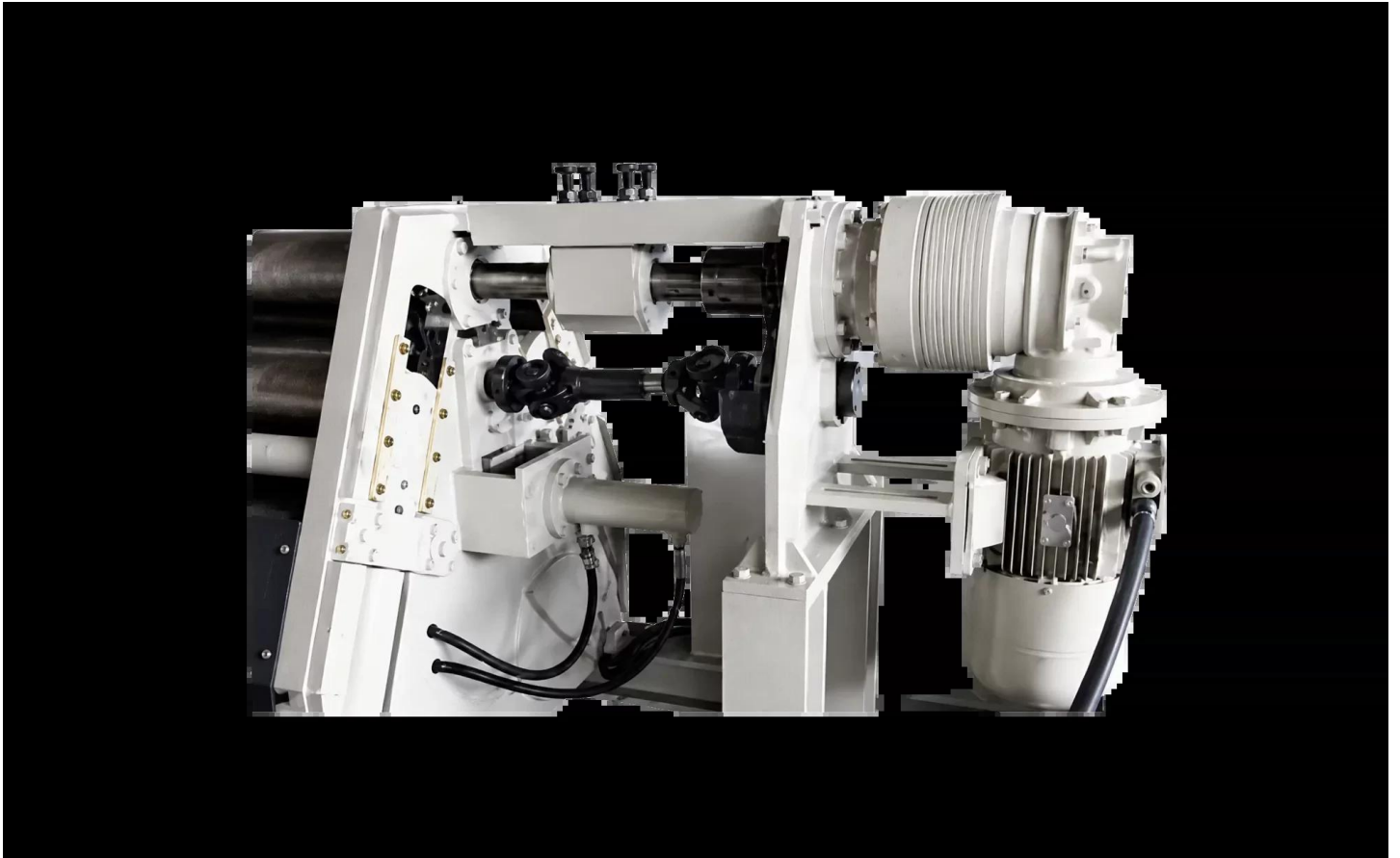


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Why choose the UZMA UHMS-4 30250 rolling machine?

4R

4-roll system

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

3100

Length 3100 mm

Long working area for the production of sleeves, pipes, guards and wider components.

9

Main bending 7/9 mm

The machine is designed for smooth forming of sheet metal up to 7/9 mm thick.

250



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Rolls 250/200 mm

Central rolls of 250 mm and side rolls of 200 mm ensure stable material guidance.

5

Speed 5 m/min

The constant bending speed enables predictable and repeatable work in the production cycle.

6800

Weight 6800 kg

The robust construction reduces vibrations 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 rolls, while the side rolls are responsible for shaping the radius. This configuration allows efficient pre-bending of both edges and proper rolling of the sheet without the need to repeatedly reposition 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 allow the beginning and end of the sheet to be pre-bent, 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.



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What can you use the UZMA UHMS-4 30250 rolling machine for?

The UHMS-4 30250 4-roll plate rolling machine is ideal wherever precise rolling of sheet metal with a working length of 3100 mm and the production of sleeves, pipes, guards, cylinders and technical components with a repeatable bending radius.



Production of sleeves and cylinders

Long and medium-sized parts

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



Workshops and production facilities

Heavy-duty production

- Processing medium and thicker sheet metal.
- Work in unit and serial 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 parts with variable radii.

Full technical specification

Model **UHMS-4 30250**

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

Working length **3100 mm**

Pre-bending capacity **5/7 mm**

Main bending capacity **7/9 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 **5000 × 1500 × 1370 mm**

Total weight **6800 kg**

Rolling system **4-roll**

Drive **Hydraulic**

Brand **Digima / UZMA**

Manufacturer code **UZMA UHMS-4 30250**

Condition **New**

Packaging condition **Original**

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