

Hydraulic 4-roll plate rolling machine UZMA UHMS-4 25220





Machine description

Hydraulic 4-roll plate rolling machine UZMA UHMS-4 25220

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



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UZMA UHMS-4 25220 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 sheet metal 5/7 mm** and **rolling capacity 7/9 mm**. The four-roll working system allows efficient material guidance and reduces straight sections at the ends of the sheet.

The UHMS-4 25220 model is suitable for workshops, production plants and the production of sleeves, pipes, guards, cylindrical components and parts with a repeatable radius.



Working length

2550 mm



Pre-bending

5/7 mm



Rolling capacity

7/9 mm



Motor power

5,5 + 1,5 kW

UHMS-4 25220 is a powerful 4-roll plate rolling machine for precision work with medium and thicker sheet metal.

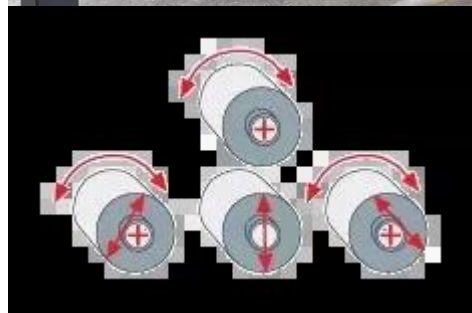
The hydraulic clamping system, driven central rolls and robust construction ensure stable and repeatable rolling of components.

Photo gallery

Machine photos

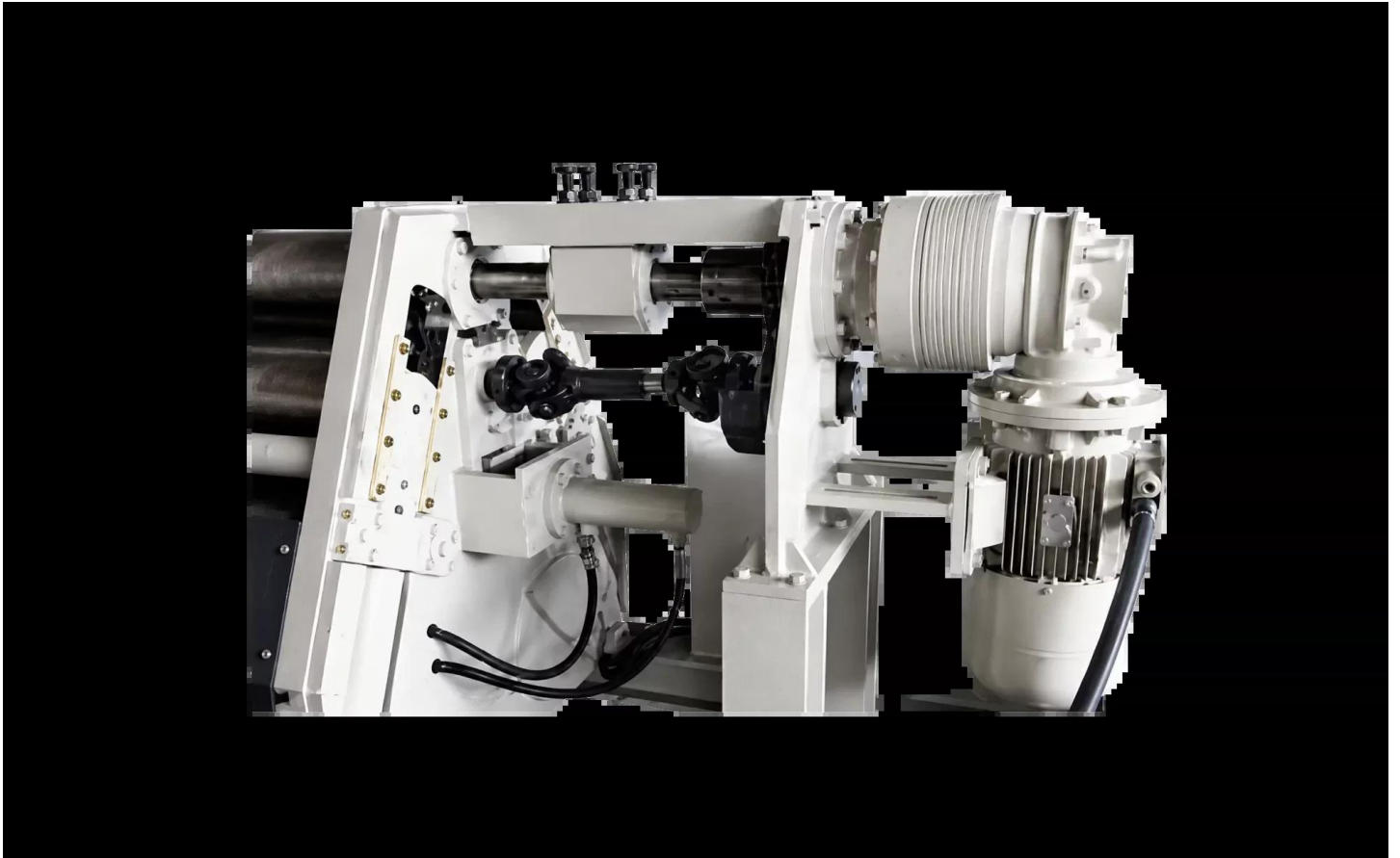


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Why choose the UZMA UHMS-4 25220?

4R

4-roll system

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

2550

Length 2550 mm

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

9

Rolling 7/9 mm

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

220



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Rolls 220/180 mm

Central rolls 220 mm and side rolls 180 mm ensure stable material guidance.

5

Speed 5 m/min

A constant rolling speed enables predictable and repeatable work in the production cycle.

5400

Weight 5400 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 rolls, while the side rolls are responsible for shaping the radius. This arrangement allows efficient pre-bending of both edges and proper rolling of the sheet without the need to repeatedly reposition the material.

1

Gripping and positioning the sheet

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

2

Pre-bending the edges

The side rolls allow the beginning and end of the sheet to be pre-bent, reducing the formation of straight sections.

3

Rolling process

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 25220?

The UHMS-4 25220 4-roll plate rolling machine is suitable wherever precise rolling of sheet metal with a working length of 2550 mm and the production of sleeves, pipes, guards, cylinders and technical components with a repeatable bending radius are required.



Production of sleeves and cylinders

Medium-sized parts

- 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 of medium and thicker sheet-metal sheets.
- Work in both single-piece and series production.
- Production 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.
- Ability to produce parts with variable radii.

Full technical specification

Model **UHMS-4 25220**

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

Working length **2550 mm**

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

Rolling capacity **7/9 mm**

Central roll diameter **220 mm**



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Side roll diameter **180 mm**

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

Minimum internal diameter **330/1100 mm**

Rolling speed **5 m/min**

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

Total weight **5400 kg**

Rolling system **4-roll**

Drive **Hydraulic**

Brand **Digima / UZMA**

Manufacturer code **UZMA UHMS-4 25220**

Condition **New**

Packaging condition **Original**

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