

Hydraulic 4-roll plate rolling machine UZMA UHMS-4 30220





Machine description

Hydraulic 4-roll plate rolling machine UZMA UHMS-4 30220

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



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UZMA UHMS-4 30220 is a hydraulic 4-roll plate rolling machine designed for precision bending, pre-bending and rolling of sheet metal with a working length of **3100 mm**.

The machine enables **pre-bending of 4/6 mm sheet metal** and **main bending of 6/8 mm**. The four-roll working system allows efficient material guidance and reduces flat sections at the ends of the sheet.

The UHMS-4 30220 model is suitable for workshops, production facilities and the manufacture of sleeves, pipes, guards, cylindrical components and parts with a repeatable radius.



Working length

3100 mm



Pre-bending

4/6 mm



Main bending

6/8 mm



Motor power

5,5 + 1,5 kW

UHMS-4 30220 is a robust 4-roll machine for precision work with medium-gauge sheet metal.

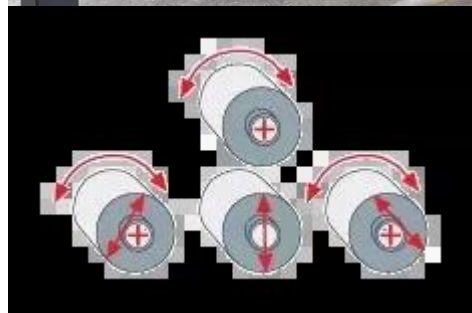
The hydraulic clamping system, powered central rolls and rigid construction ensure stable and repeatable rolling of components.

Photo gallery

Machine photos



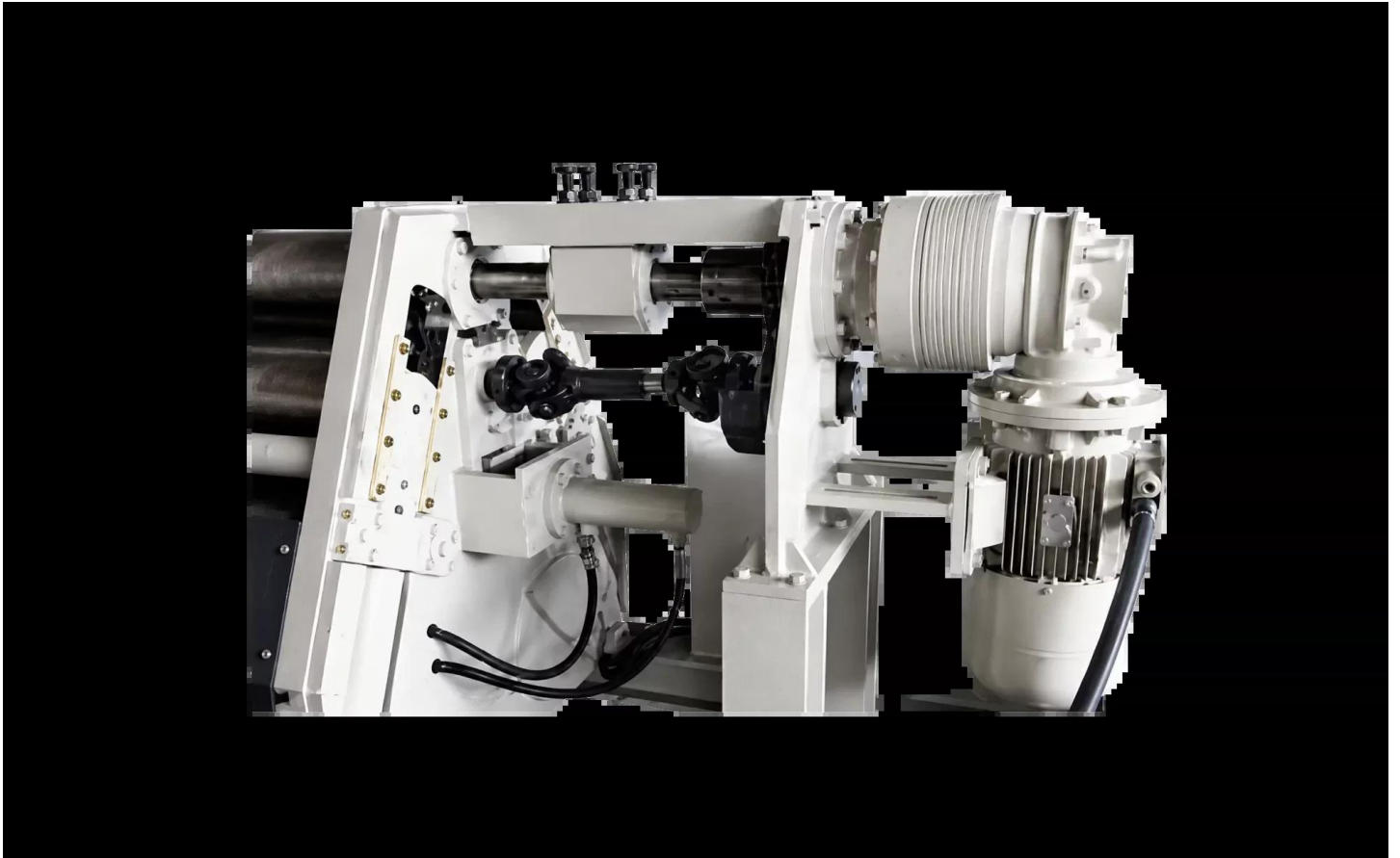
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Why choose the UZMA UHMS-4 30220 rolling machine?

4R

4-roll system

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

3100

3100 mm length

Long working area for manufacturing sleeves, pipes, guards and wider components.

8

Bending 6/8 mm

The machine is designed for smooth forming of sheet metal up to 6/8 mm thick.

220



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220/180 mm rolls

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

5

Speed 5 m/min

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

6000

Weight 6000 kg

The rigid 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 machine, the material is gripped between the upper and lower roll, 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

Sheet gripping and positioning

The sheet is stabilised 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 other rolled component is obtained.



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What can you use the UZMA UHMS-4 30220 rolling machine for?

The UHMS-4 30220 4-roll machine is ideal wherever precision rolling of sheet metal with a working length of 3100 mm, as well as the manufacture of sleeves, pipes, guards, cylinders and technical components with a repeatable bending radius.



Sleeve and cylinder production

Long and medium-sized components

- 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

Robust production

- Processing medium-gauge sheet metal.
- Work 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 manufacture components with variable radii.

Full technical specification

Model **UHMS-4 30220**

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

Working length **3100 mm**

Pre-bending capacity **4/6 mm**

Main bending capacity **6/8 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**

Bending speed **5 m/min**

Overall dimensions **5000 × 1500 × 1370 mm**

Total weight **6000 kg**

Rolling system **4-roll**

Drive **Hydraulic**

Brand **Digima / UZMA**

Manufacturer code **UZMA UHMS-4 30220**

Condition **New**

Packaging condition **Original**

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