

Hydraulic 4-roll plate rolling machine UZMA UHMS-4 30180





Machine description

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



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UZMA UHMS-4 30180 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 2/3 mm sheet metal** and **main bending of 3/4 mm sheet metal**. The four-roll configuration allows efficient material handling and reduces flat sections at the ends of the sheet.

The UHMS-4 30180 model is ideal 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

2/3 mm



Main bending

3/4 mm



Motor power

4,0 + 1,1 kW

UHMS-4 30180 is a 4-roll plate rolling machine for precise work with thin and medium-gauge sheet metal.

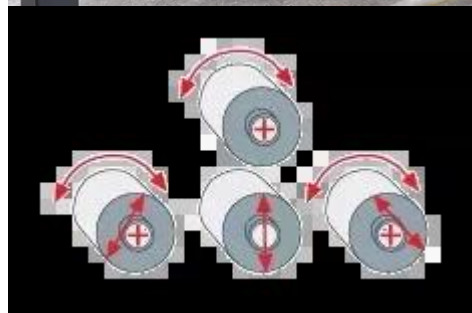
The hydraulic clamping system, driven central rolls and robust construction ensure stable and repeatable rolling of components.

Photo gallery

Machine photos

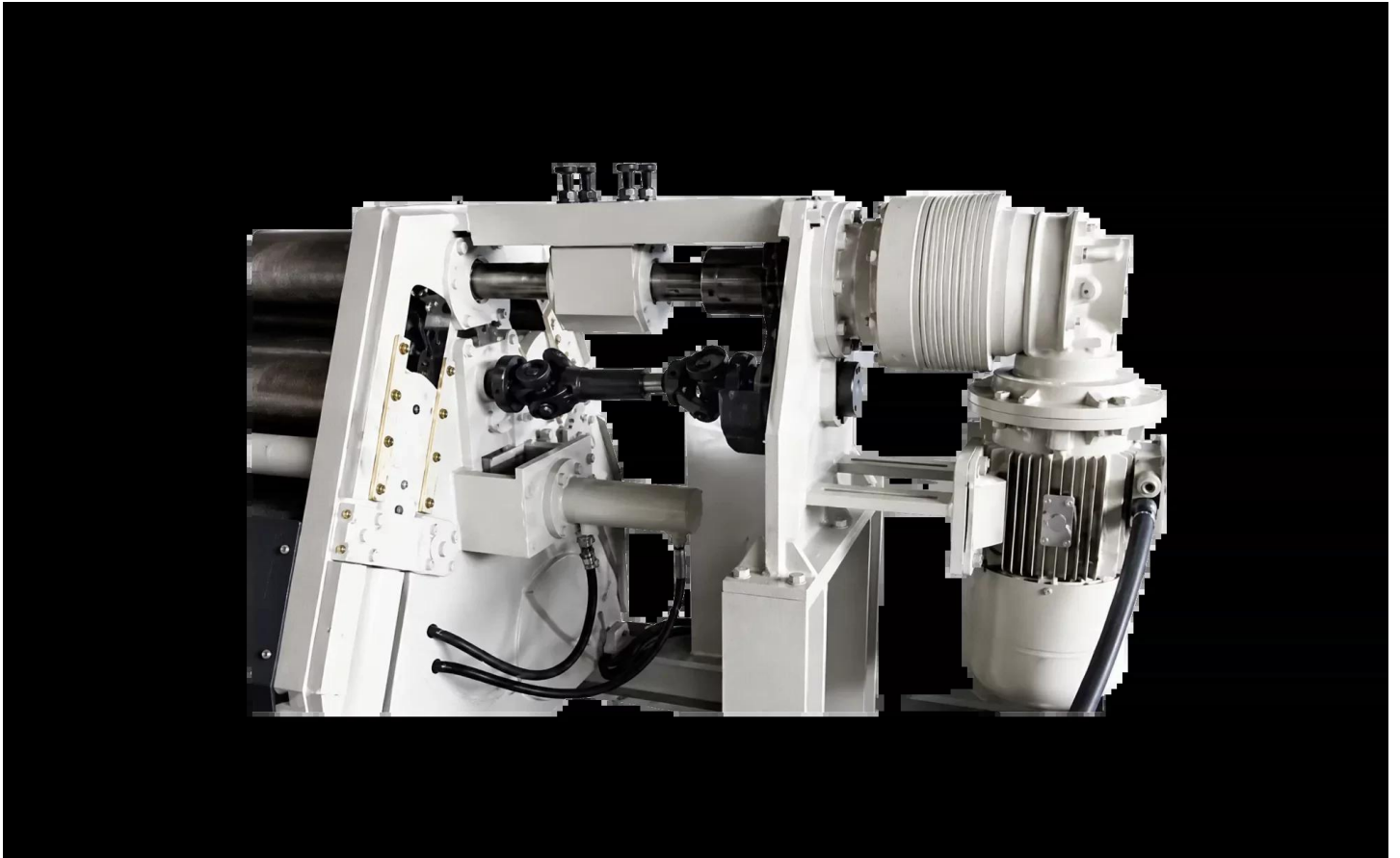


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Why choose the UZMA UHMS-4 30180 rolling machine?

4R

4-roll configuration

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

3100

3100 mm length

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

4

3/4 mm bending

The machine is designed for smooth forming of sheet metal up to 3/4 mm thick.

180



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180/150 mm rolls

180 mm central rolls and 150 mm side rolls ensure stable material guidance.

5

5 m/min speed

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

4100

4100 kg weight

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 forming the radius. This configuration allows efficient pre-bending of both edges and proper rolling of the sheet without the need to reposition the material repeatedly.

1

Gripping and positioning the sheet

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

2

Edge pre-bending

The side rolls enable pre-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.



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What can you use the UZMA UHMS-4 30180 rolling machine for?

The UHMS-4 30180 4-roll plate rolling machine is ideal wherever precision rolling of sheet metal with a 3100 mm working length is needed, including the manufacture of sleeves, pipes, guards, cylinders and technical components with a repeatable bending radius.



Sleeve and cylinder production

Long and lightweight components

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



Workshops and production facilities

Compact production

- Processing thin and medium-gauge 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, enclosures and metal parts.
- Ability to produce components with varying radii.

Full technical specifications

Model **UHMS-4 30180**

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

Working length **3100 mm**

Pre-bending capacity **2/3 mm**

Main bending capacity **3/4 mm**

Central roll diameter **180 mm**



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Side roll diameter **150 mm**

Motor power **4,0 + 1,1 kW**

Minimum internal diameter **270/900 mm**

Bending speed **5 m/min**

Overall dimensions **4850 × 1350 × 1290 mm**

Total weight **4100 kg**

Rolling system **4-roll**

Drive **Hydraulic**

Brand **Digima / UZMA**

Manufacturer code **UZMA UHMS-4 30180**

Condition **New**

Packaging condition **Original**

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