

Hydraulic 4-roll plate rolling machine UZMA UHMS-4 6580





Machine description

Hydraulic 4-roll plate rolling machine UZMA UHMS-4 6580

Compact hydraulic 4-roll plate rolling machine with a 650 mm working length



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UZMA UHMS-4 6580 is a hydraulic 4-roll plate rolling machine designed for precise bending, pre-bending and rolling of sheet metal with a working length of **650 mm**.

The machine enables **pre-bending of 2.5/3 mm sheet metal** oraz **rolling of 3/3.5 mm sheet metal**. The four-roll arrangement enables efficient material guidance and reduces flat sections at the sheet ends.

The UHMS-4 6580 model is ideal for workshops and production facilities, as well as for manufacturing sleeves, tubes, guards, cylindrical components and parts with a repeatable radius.



Working length

650 mm



Pre-bending

2,5/3 mm



Rolling capacity

3/3,5 mm



Motor power

1,1 + 0,75 kW

UHMS-4 6580 is a compact 4-roll rolling machine for precise work with thin and medium-thickness sheet metal.

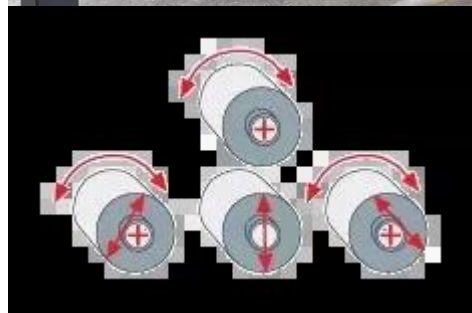
The hydraulic clamping system, powered central rolls and robust construction ensure stable and repeatable rolling of components.

Photo gallery

Machine photos

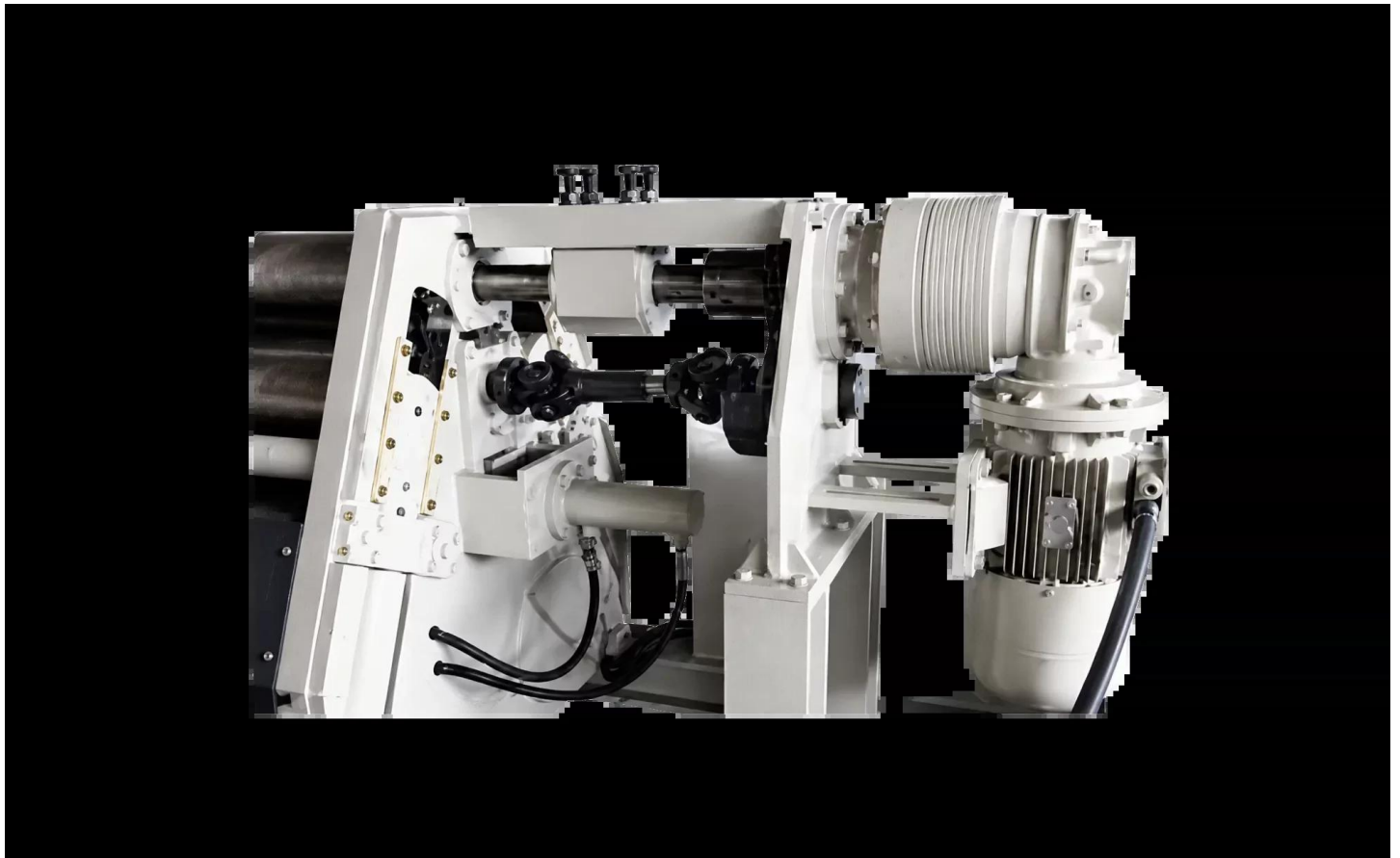


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Why choose the UZMA UHMS-4 6580 rolling machine?

4R

4-roll arrangement

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

650

650 mm length

Compact working area for manufacturing smaller components, sleeves, tubes and guards.

3.5

3/3.5 mm rolling capacity

The machine is designed for smooth forming of sheet metal up to 3/3.5 mm thick.

80



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80 mm rolls

Central and side rolls with a diameter of 80 mm provide stable material guidance.

5

5 m/min speed

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

950

950 kg weight

The robust construction reduces vibration and improves stability during sheet metal processing.

Operating principle

How does a hydraulic 4-roll rolling machine work?

In a 4-roll rolling machine, the material is clamped between the upper and lower rolls, while the side rolls shape the radius. This arrangement enables efficient pre-bending of both edges and rolling of the sheet without repeated repositioning of the material.

1

Sheet clamping 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 enable bending of the beginning and end of the sheet, reducing the formation of flat sections.

3

Main rolling process

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 6580 rolling machine for?

The UHMS-4 6580 4-roll rolling machine is ideal wherever precise rolling of smaller sheet-metal blanks, sleeves, tubes, guards, cylinders and technical components with a repeatable bending radius is required.



Sleeve and cylinder production

Small and medium-sized parts

- Forming sleeves and cylindrical components from sheet metal.
- Manufacturing guards, rings and short sections of tubing.
- Repeatable bending of components with a constant radius.



Workshops and production facilities

Compact production

- Processing thin and medium-thickness sheet metal blanks.
- Work in single-piece and batch production.
- Manufacturing technical and structural parts.



Tubes, guards and technical components

Precision rolling

- Manufacturing tubular and semi-circular components.
- Rolling guards, housings and metal parts.
- Ability to manufacture parts with varying radii.

Full technical specification

Model **UHMS-4 6580**

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

Working length **650 mm**

Pre-bending capacity **2,5/3 mm**

Rolling capacity **3/3,5 mm**

Central roll diameter **80 mm**

Side roll diameter **80 mm**



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Motor power **1,1 + 0,75 kW**

Minimum internal diameter **120/400 mm**

Rolling speed **5 m/min**

Overall dimensions **1950 × 950 × 960 mm**

Total weight **950 kg**

Rolling system **4-roll**

Drive **Hydraulic**

Brand **Digima / UZMA**

Manufacturer code **UZMA UHMS-4 6580**

Condition **New**

Packaging condition **Original**

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