

Ref. No.: 1525-07100900

Overview and Technical Data:

Wheel Rim Production Line for agricultural vehicles LMF1

NOT DEFINED



Multiple Makesor Not Defined

Year of Build: Jan 1965

Description:

The Wheel Rim Production line LMF1 is a comprehensive system designed for the manufacturing of large-format steel wheel rims, with a capacity for sizes ranging from 18 to 42 inches. The line integrates core forming, welding, and sizing machinery, much of which is over 30-40 years old, with modern material handling components from as recent as 2022. Key manufacturers in the line include Fero , VEB , Ottensener Eisenwerk , Müller , and Abus

Key Specifications for Agricultural Rim Production

• **Product Size Capability**: 18" to 42" rims

• Maximum Rim Width: 450 mm

• Maximum Bending Sheet Thickness: 6 mm

• Key Press Forces: 2,500 kN, 34 MP (horizontal), and 135 MP (vertical)

Component Breakdown

Material Handling & Preparation

- Scissor Lift Table: Manufactured by Büter, it has a load capacity of 6 t.
- Electric Chain Hoist: Manufactured by Abus, it has a load capacity of 250 kg and was built in 2022.
- **Mobile Hydraulic Lifter**: A Vaculift model H-2-150 with a load capacity of 150 kg. It was built in 2015 and has the serial number 69083.
- 2 Manual Grinding Stations: Both stations have integrated extraction systems.

Bending, Pressing & Welding

- **3-Roll Plate Bending Machine**: A 1965 Fero, type UBBDAH6x650. It is designed for a turning diameter of 350–1,100 mm, a bending width of 200–650 mm, and a max bending cross-section of 2,500 mm² on sheets up to 6 mm thick.
- **Transfer Chain Conveyor**: Measures approximately 6,000 mm in length and 600 mm in width and is over 40 years old.
- **Hydraulic Press**: From VEB Wema Zeulenroda, this type PYXEH250S1M press has a force of 2,500 kN and is over 40 years old.
- Wheel Rim Welding Machine: An Ottensener Eisenwerk model AUSK600, it has a rated power of 600 kVA, a connected load of 1,000 kVA, and a weight of 22,000 kg. It is over 30 years old and has the serial number 370215.
- Weld Seam Deburring Unit: The manufacturer and type are not specified; it is over 35 years old.

Forming, Profiling & Sizing

- **Hydraulic Press for Rim Expansion**: A Müller, type EZ160-10.11.22, built in 1977.
- **Jib Crane**: An Abus model with a jib length of approximately 3,000 mm and an electric chain hoist with a 250 kg capacity.
- Wheel Rim Profiling Machines: Manufactured by VEB Getriebewerk Benig, these gearbox-type machines weigh 4,000 kg each and operate at 665 rpm. They are over 40 years old.
- **Rim Stretching Machine**: A 1963 Fero, type UBXFSK1070X460X135. It has a horizontal press force of 34 MP and a vertical press force of 135 MP. The machine handles rim sizes from 18" to 42" and a maximum rim width of 450 mm, with a slide stroke of 520 mm.

Auxiliary Equipment & Finishing

- Transfer Station: An older Abus model with a chain suspension.
- **Hydraulic Power Units**: The line includes a unit with a 430 l oil tank and four additional units with a combined oil volume of 530 l.
- Discharge Station: Details are not specified.
- **Hydraulic Press**: An older VEB, type BYXE25S.
- Workstations: The line includes a workbench with an overhead light and tool cabinets

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Technical Data:

Control:

CNC

Buyer Information:

Condition: Repairs required

Available: Sold

Sold as:

EXW (Ex Works - Incoterm)

VAT: <u>19 %</u>

Buyers Premium:

18 %
Location:

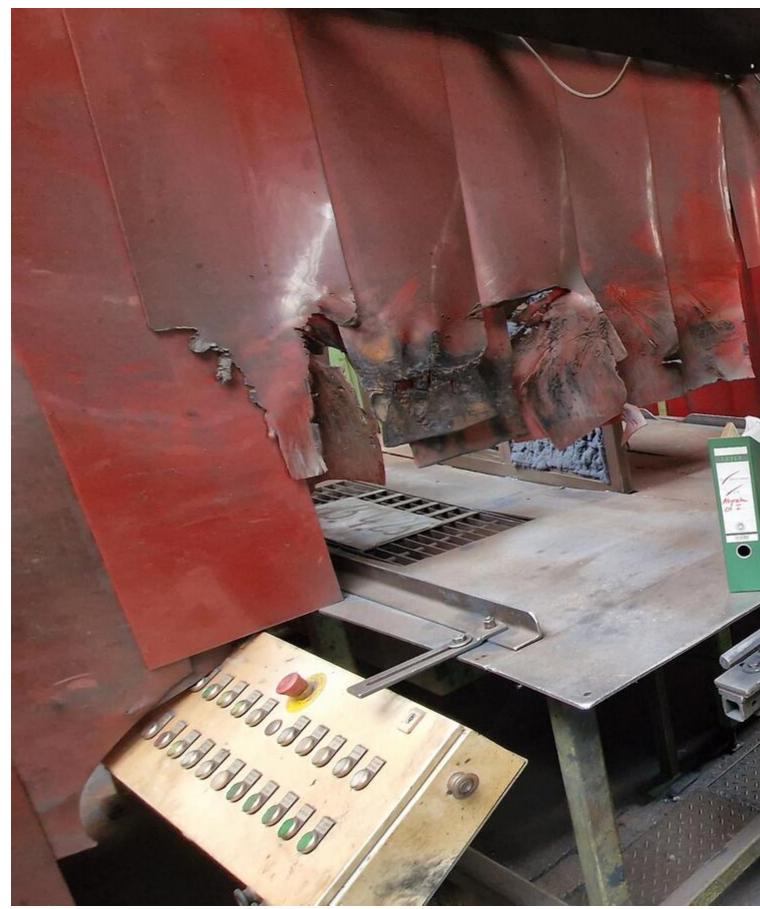
Germany

Images:



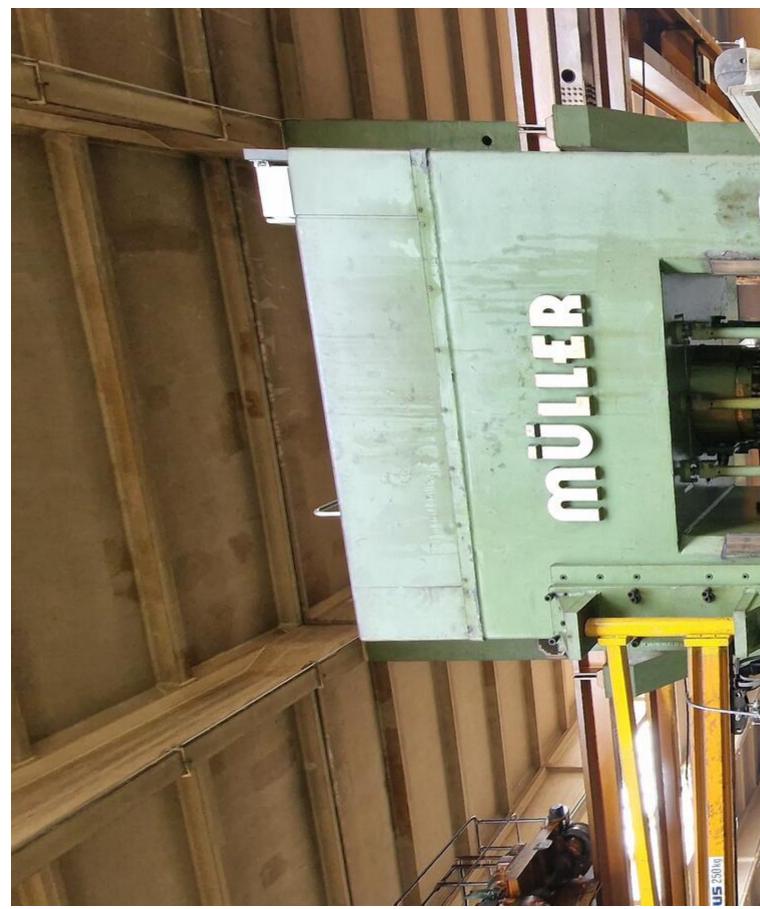






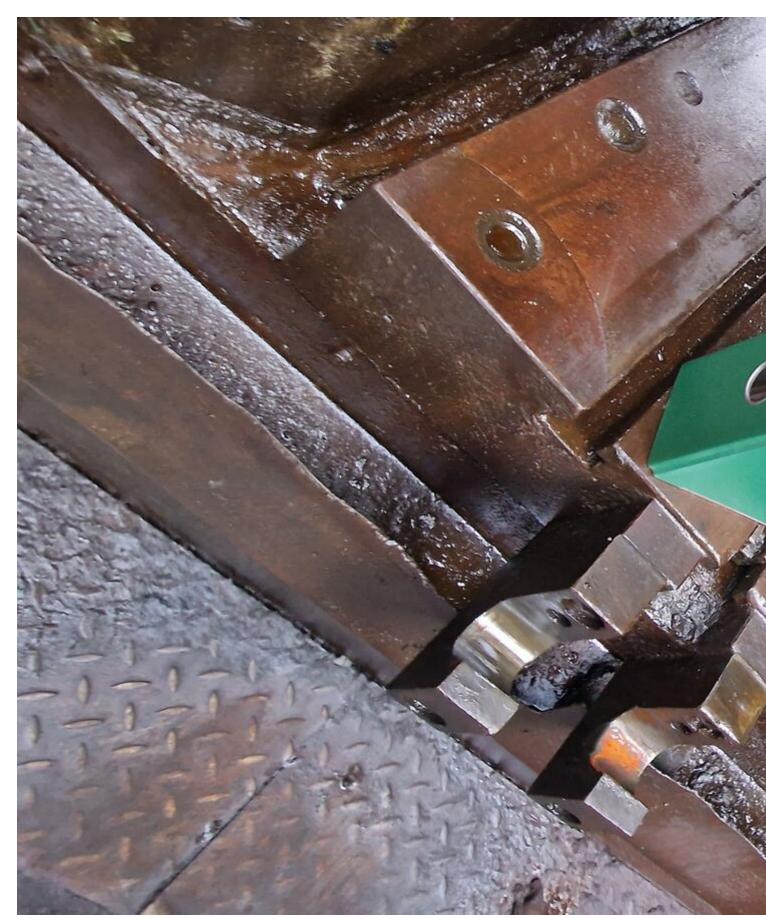




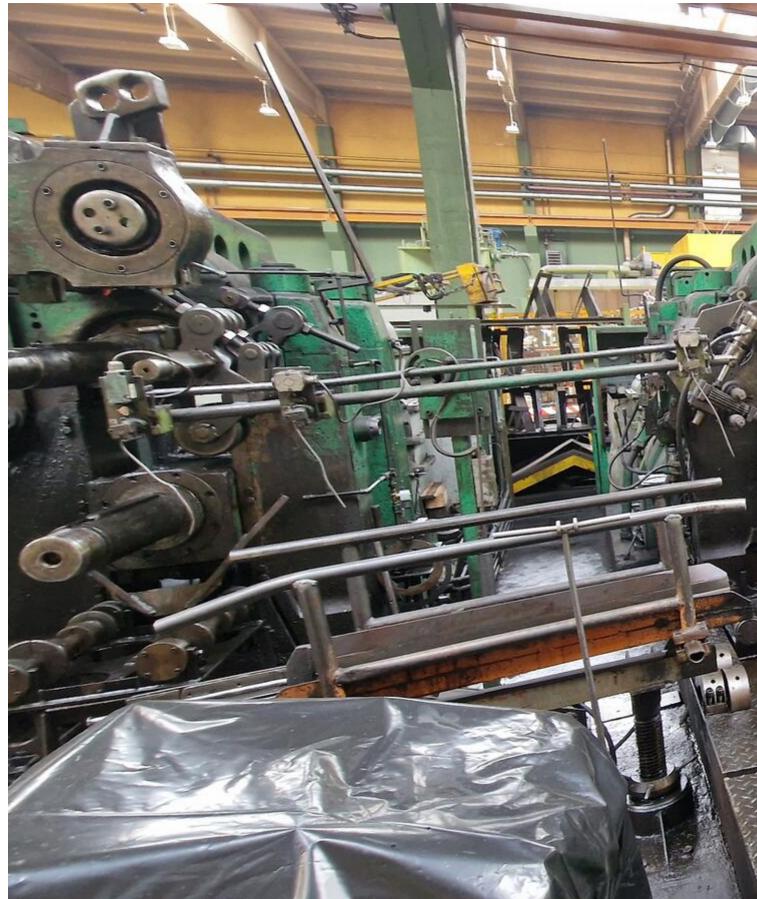


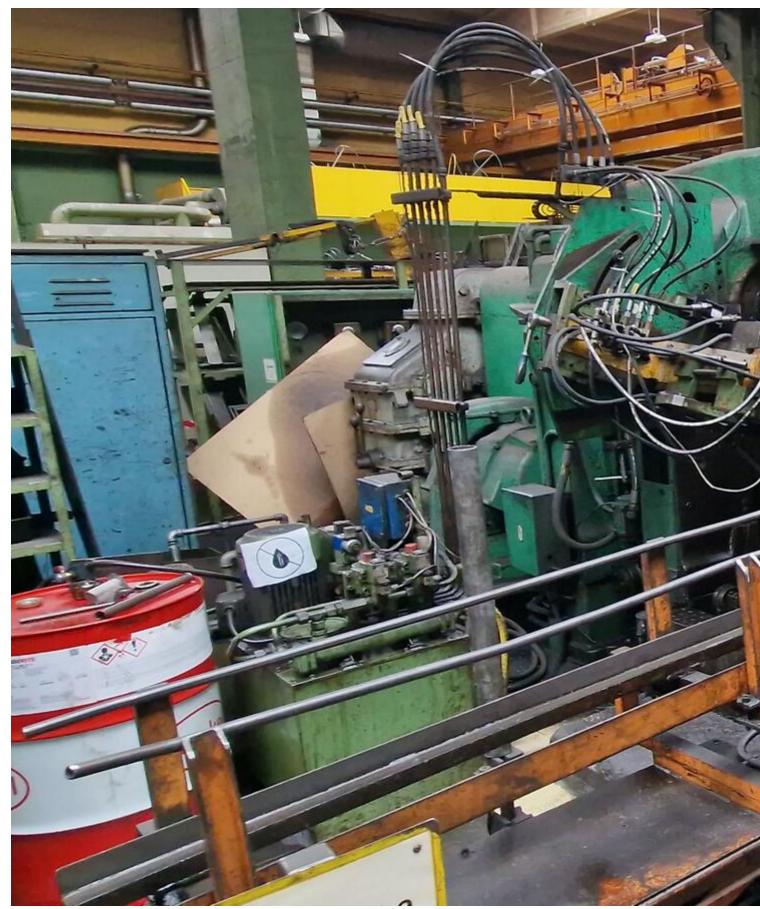




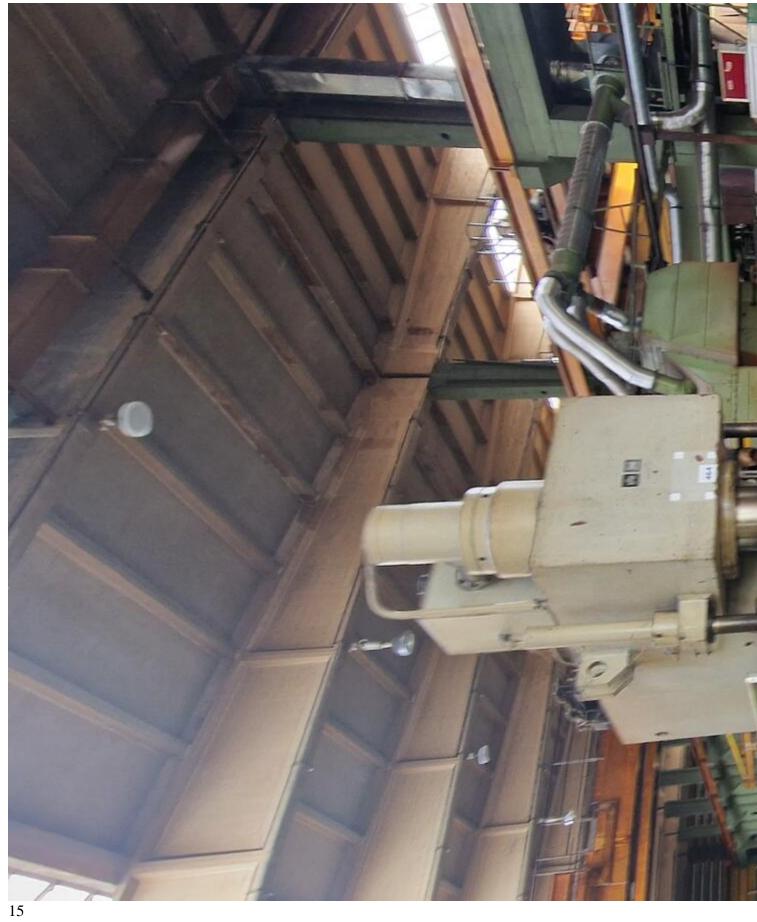


















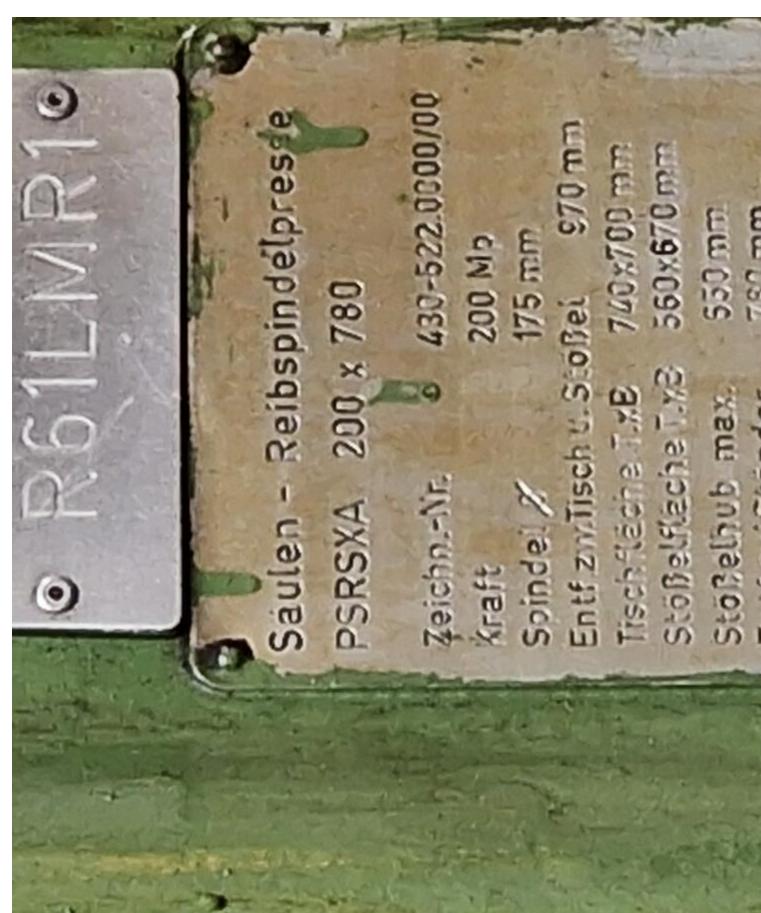




















Video:





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Auxiliary Equipment & Finishing

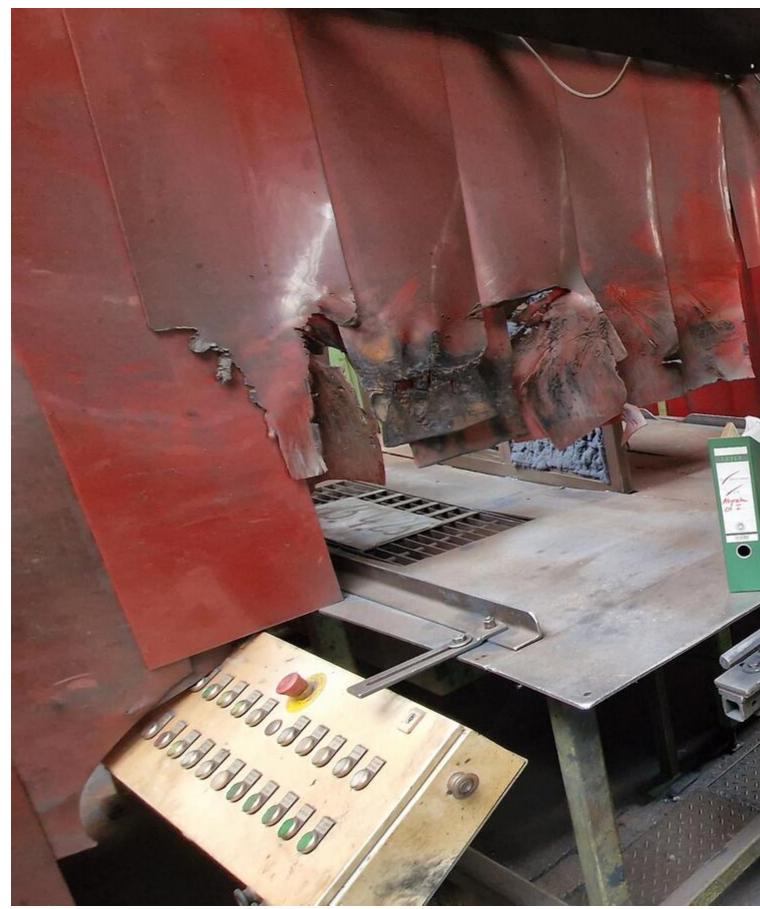
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Technical Data: Technical Data: Control: **CNC Buyer Information:** Condition: Repairs required Available: Sold Sold as: EXW (Ex Works - Incoterm) VAT: 19 % Buyers Premium: 18 % Location: Germany **Images:**



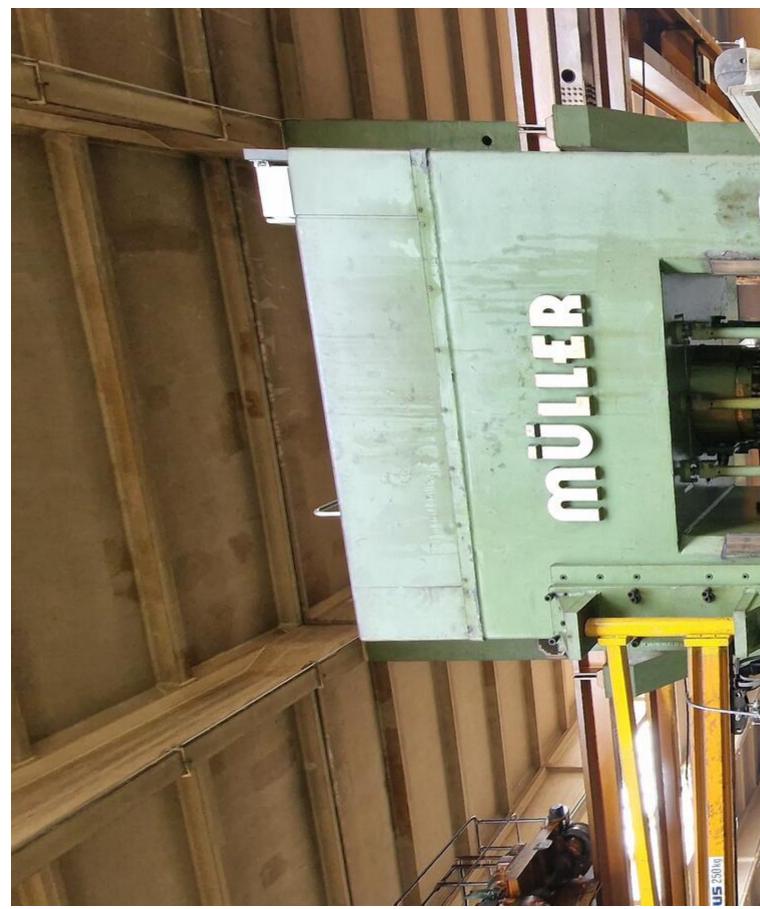






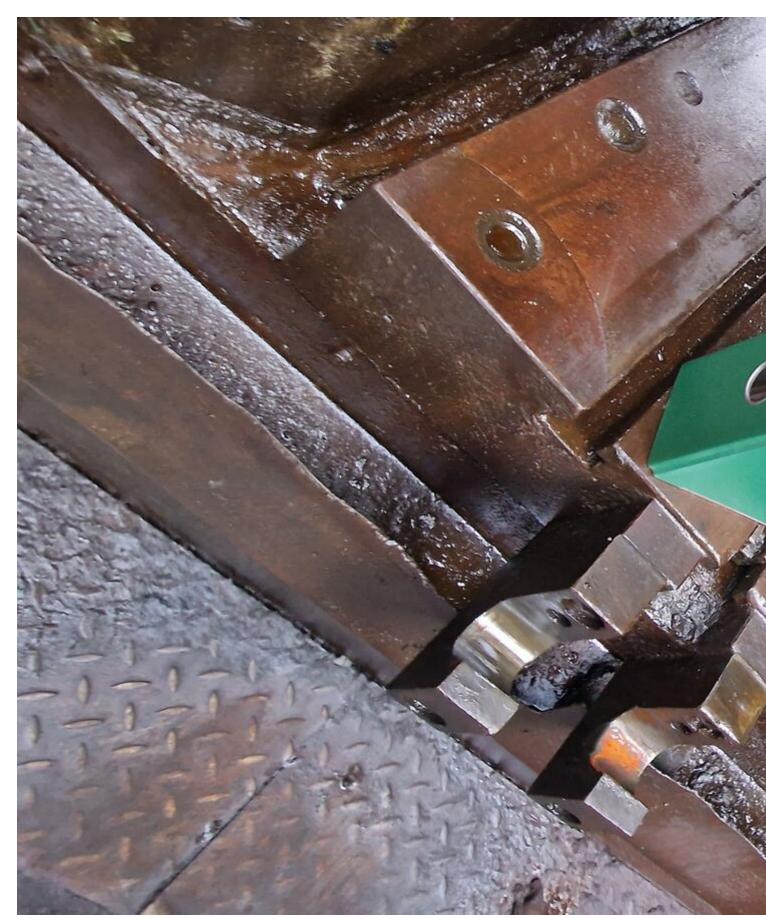




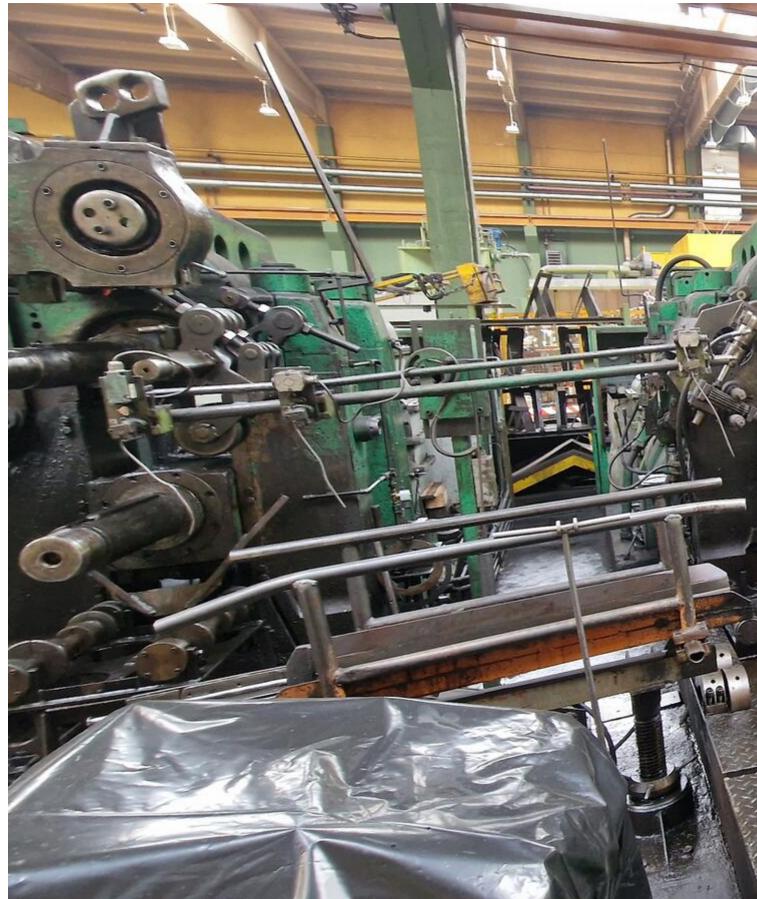


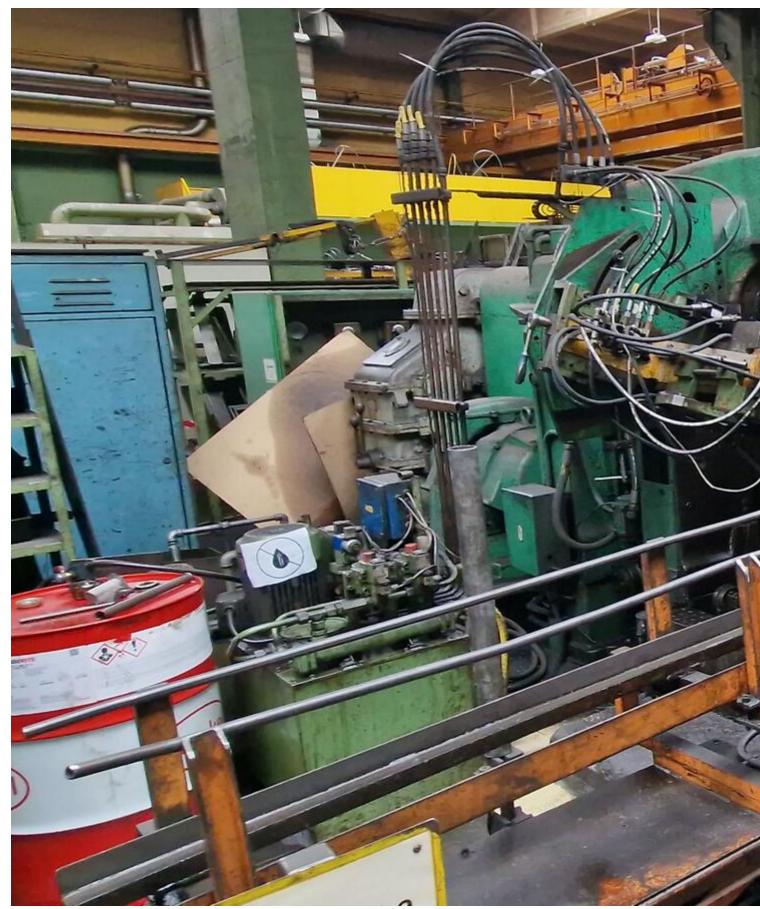




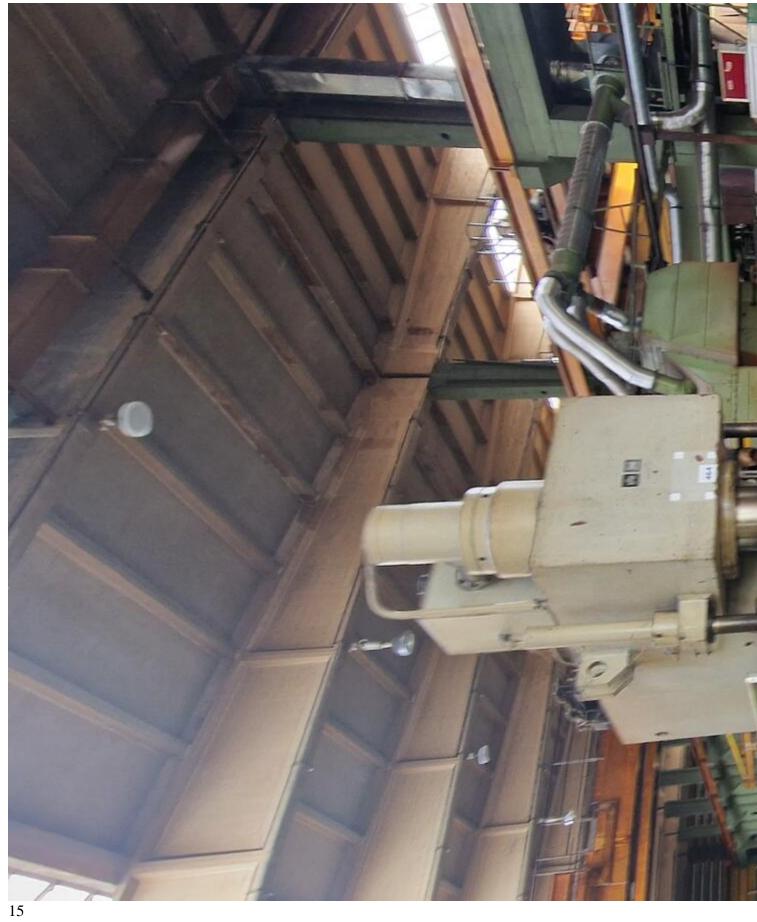


















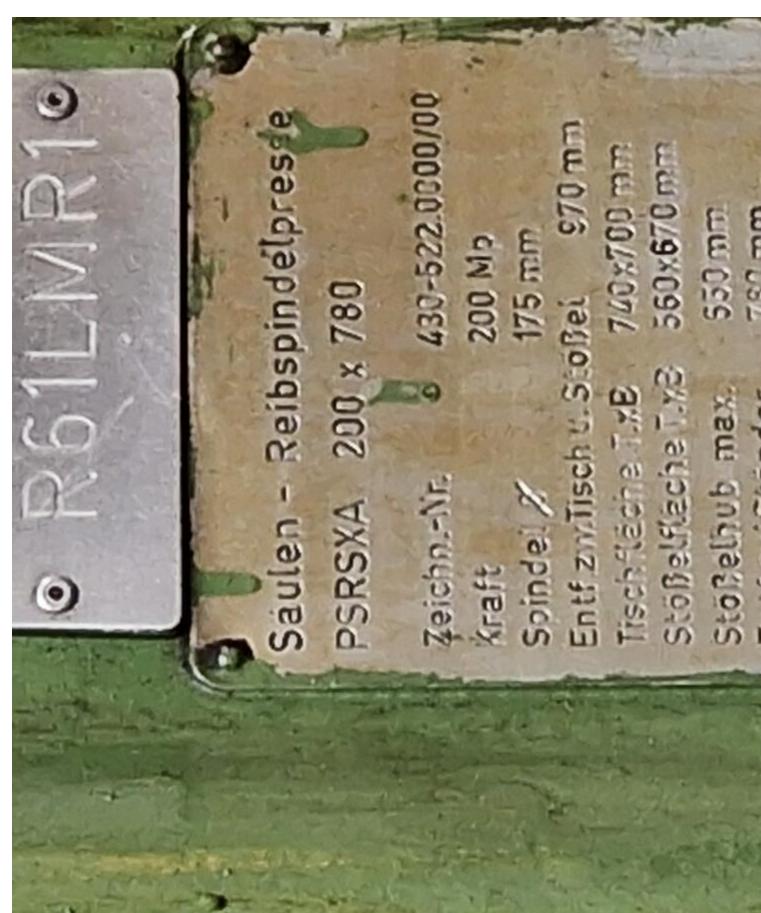




















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