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Ref. No.:

1525-07100900

Overview and Technical Data:

Wheel Rim Production Line for agricultural vehicles LMF1

NOT DEFINED



Multiple Makes or 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 Bütter, 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

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:













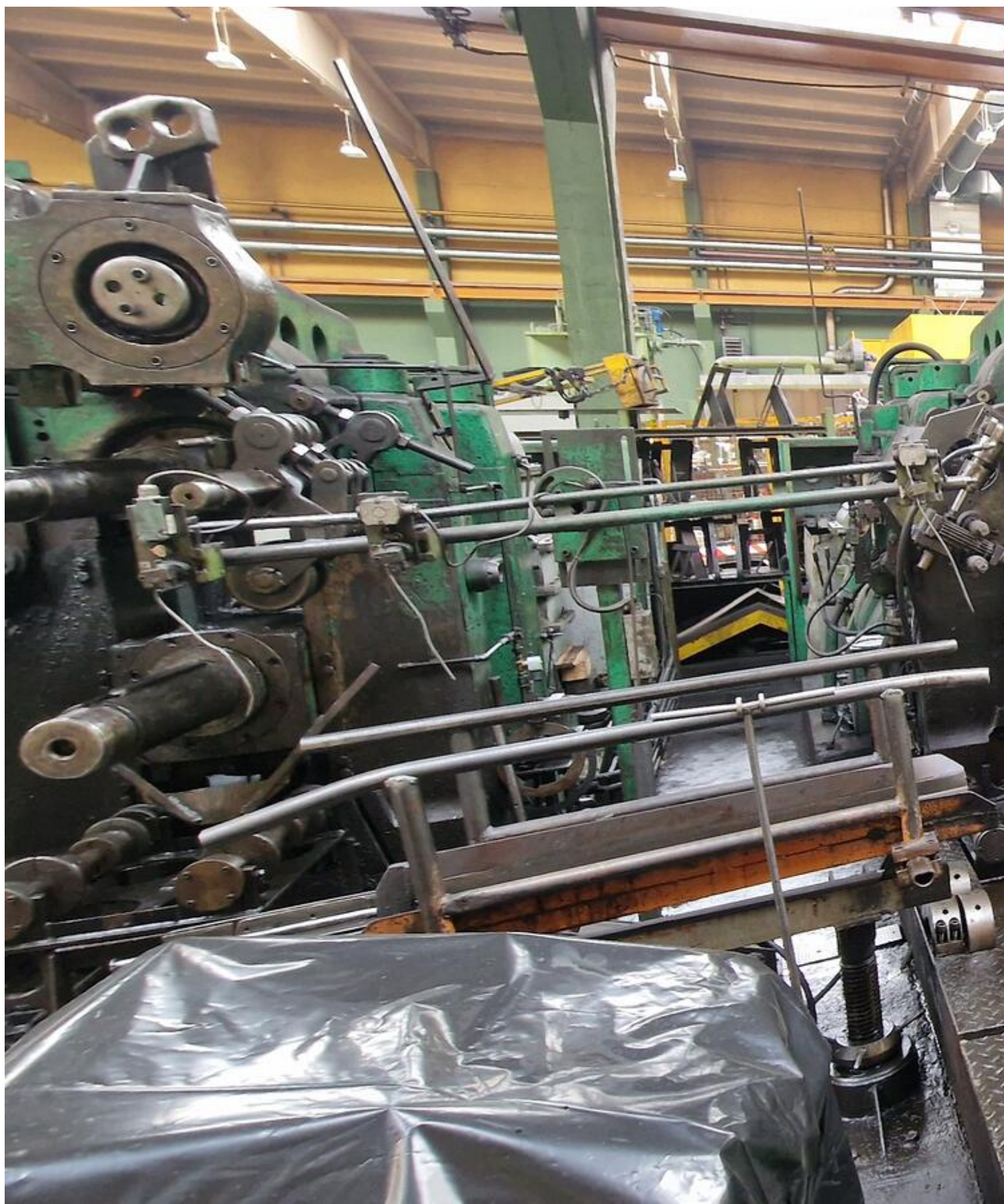


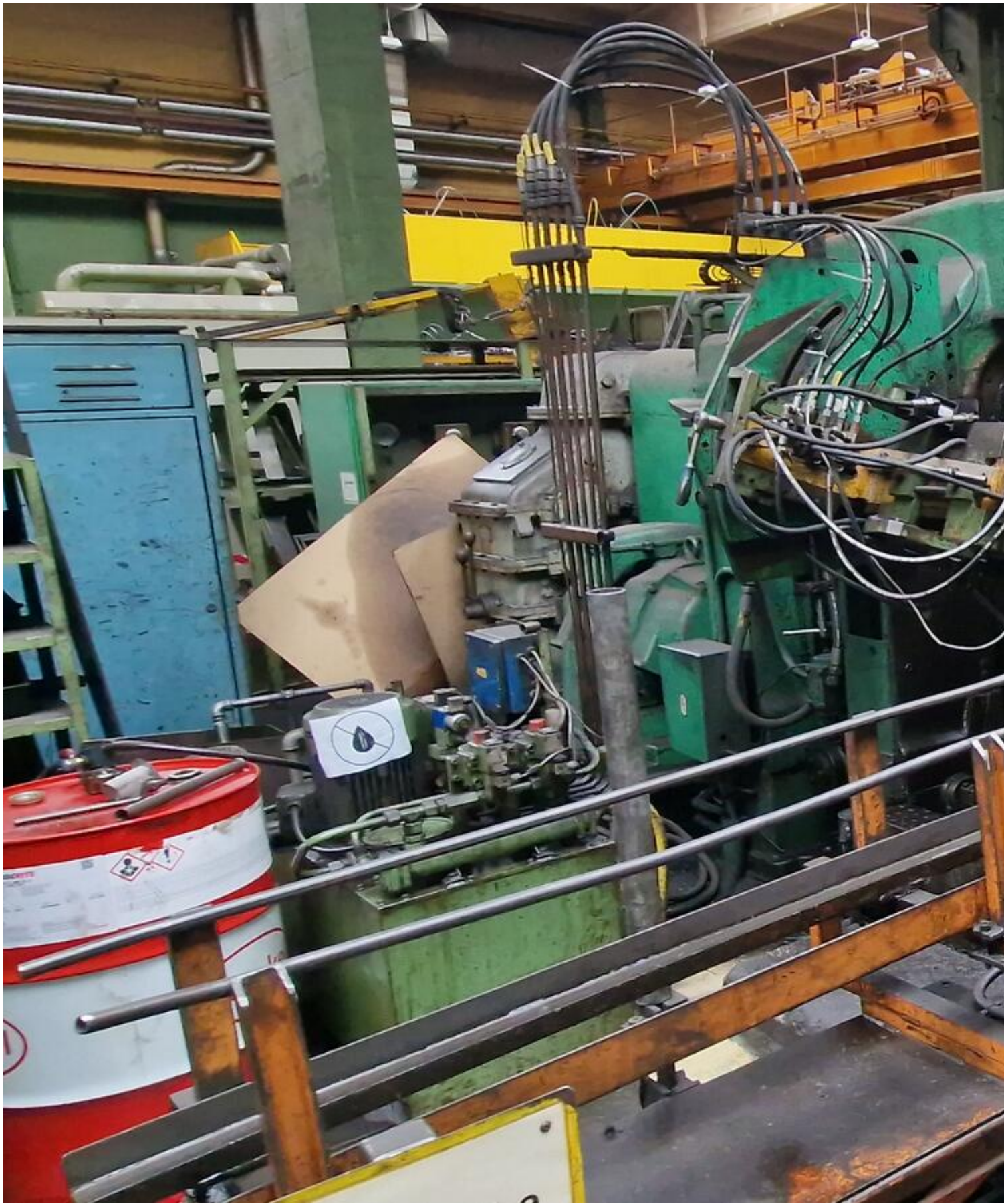
































● R61LMR1 ●

Säulen - Reibspindelpresse

PSRSXA 200 x 780

430-522.0000/00

Zeichn.-Nr.

200 Mp

Kraft

175 mm

Spindel χ

970 mm

Entf. zw. Tisch u. Stoßel

740x700 mm

Tischfläche T.xB

560x670 mm

Stoßelfläche T.xB

550 mm

Stoßelhub max.

780 mm









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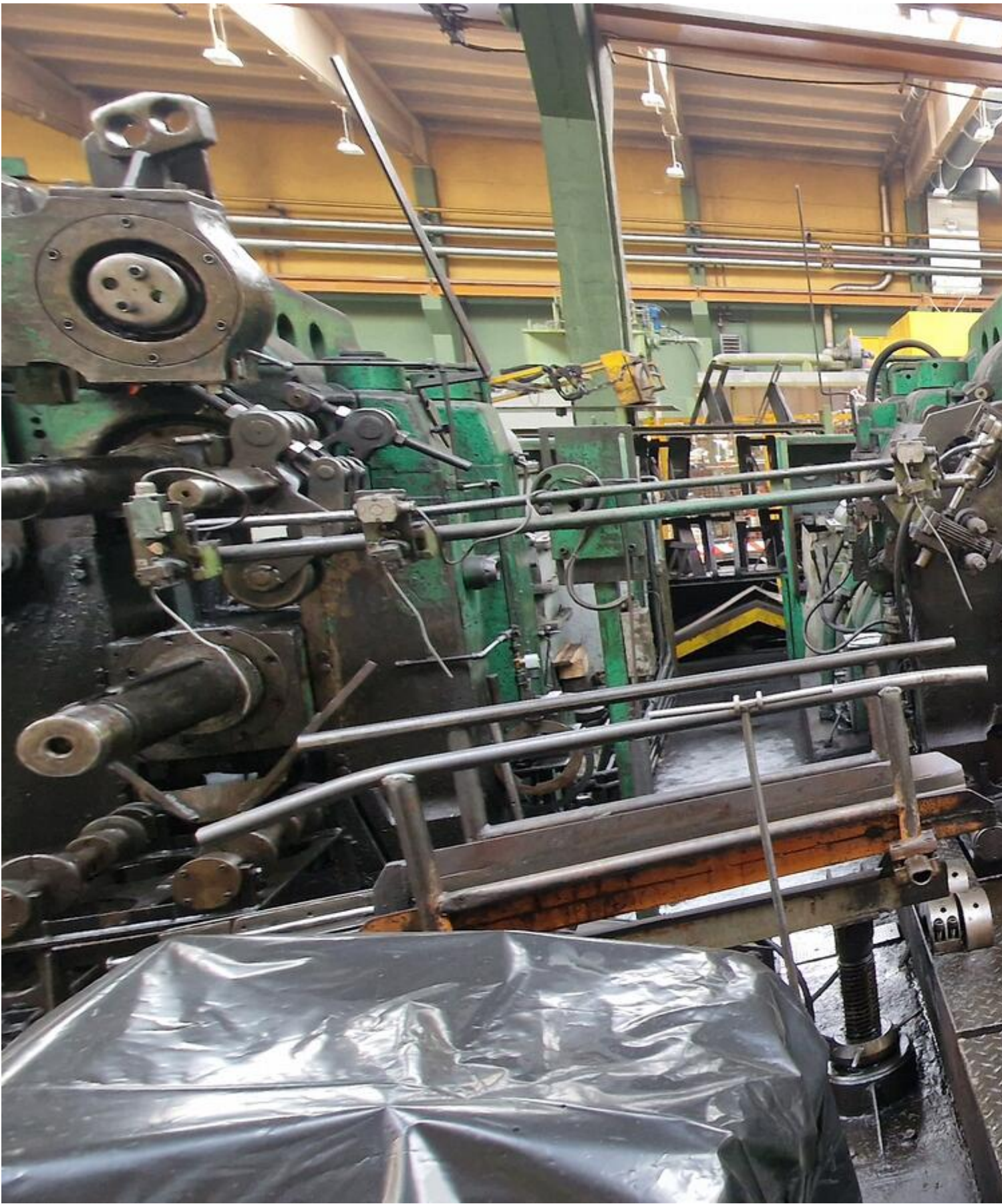


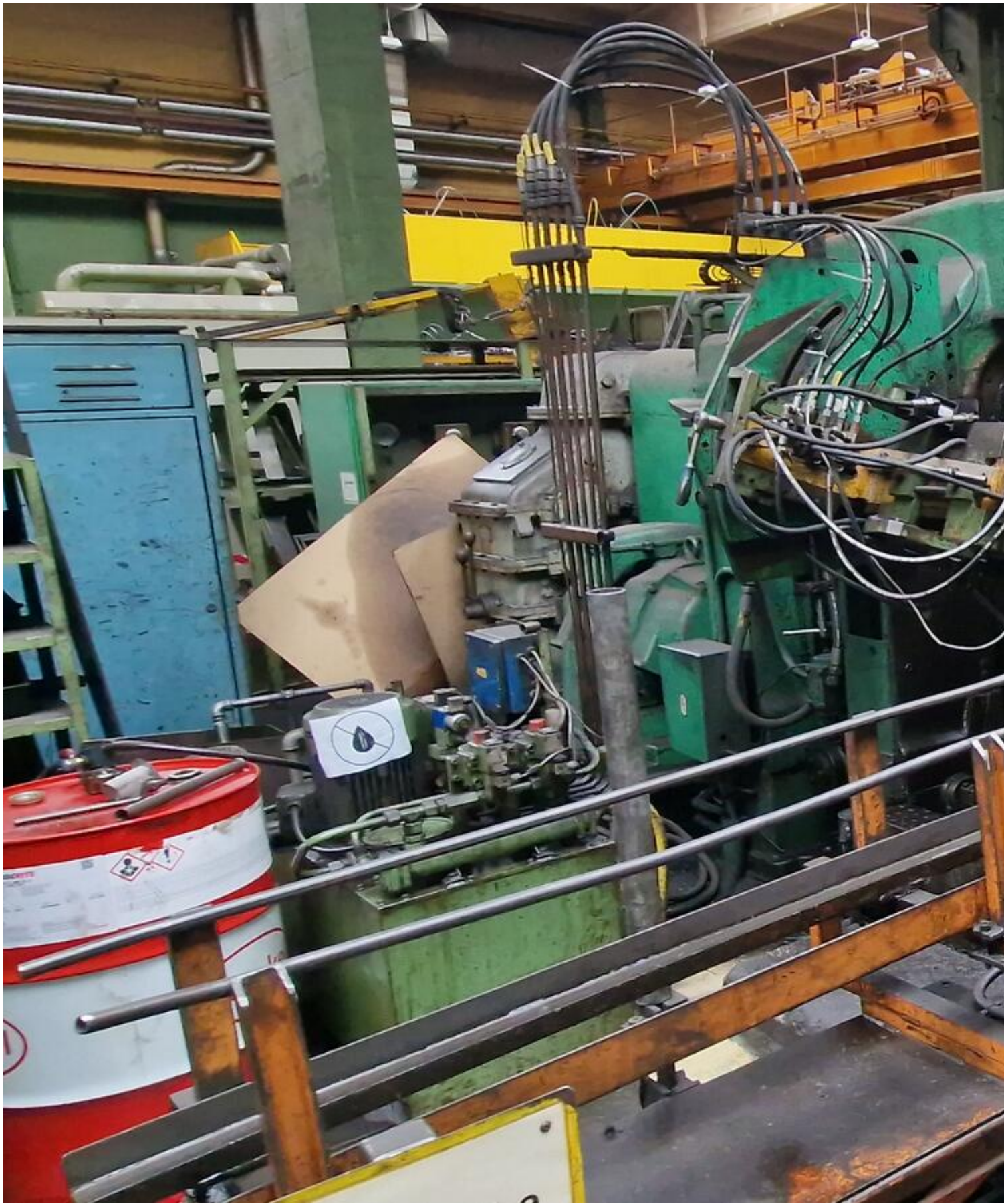
































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