



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 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

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:









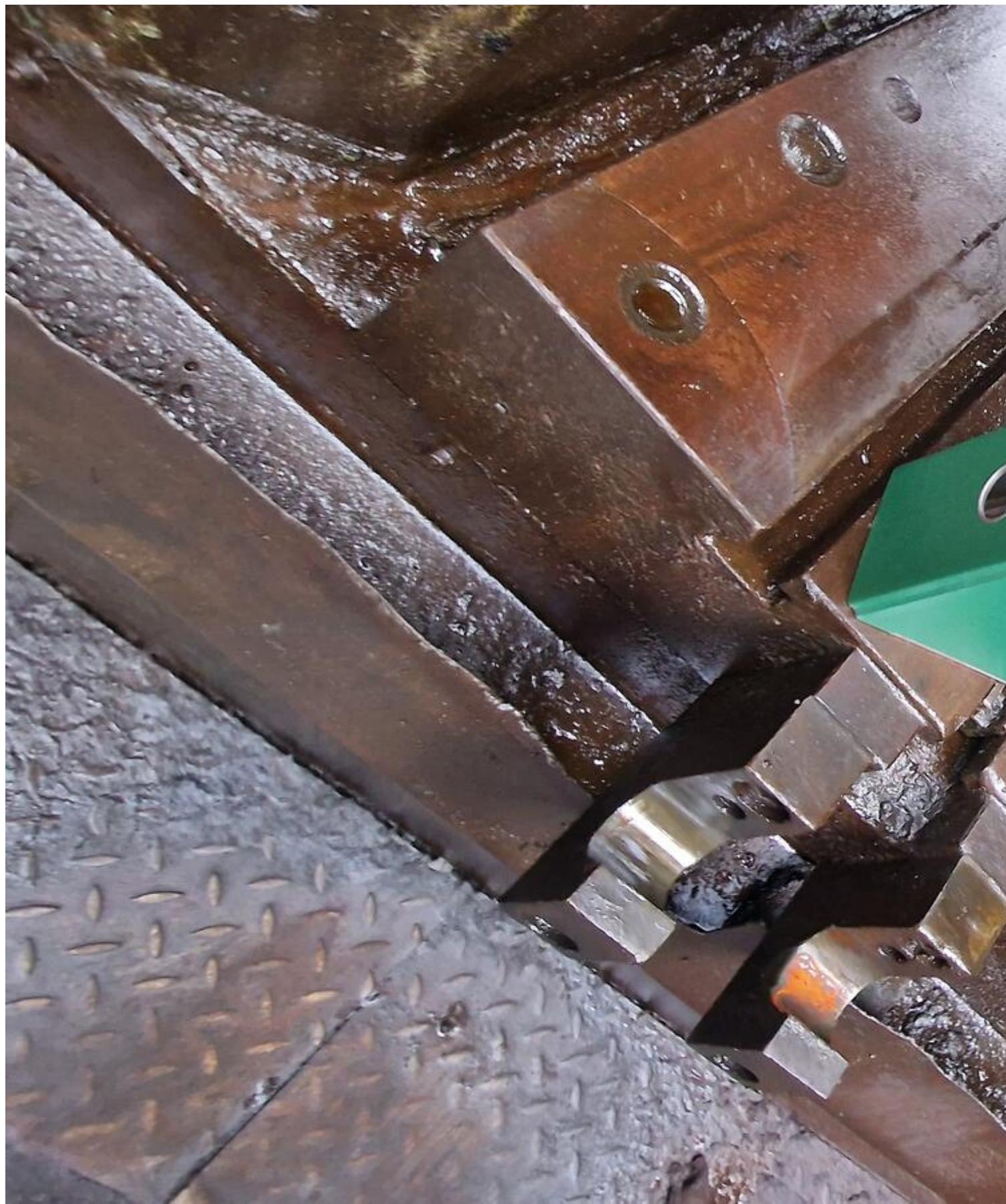




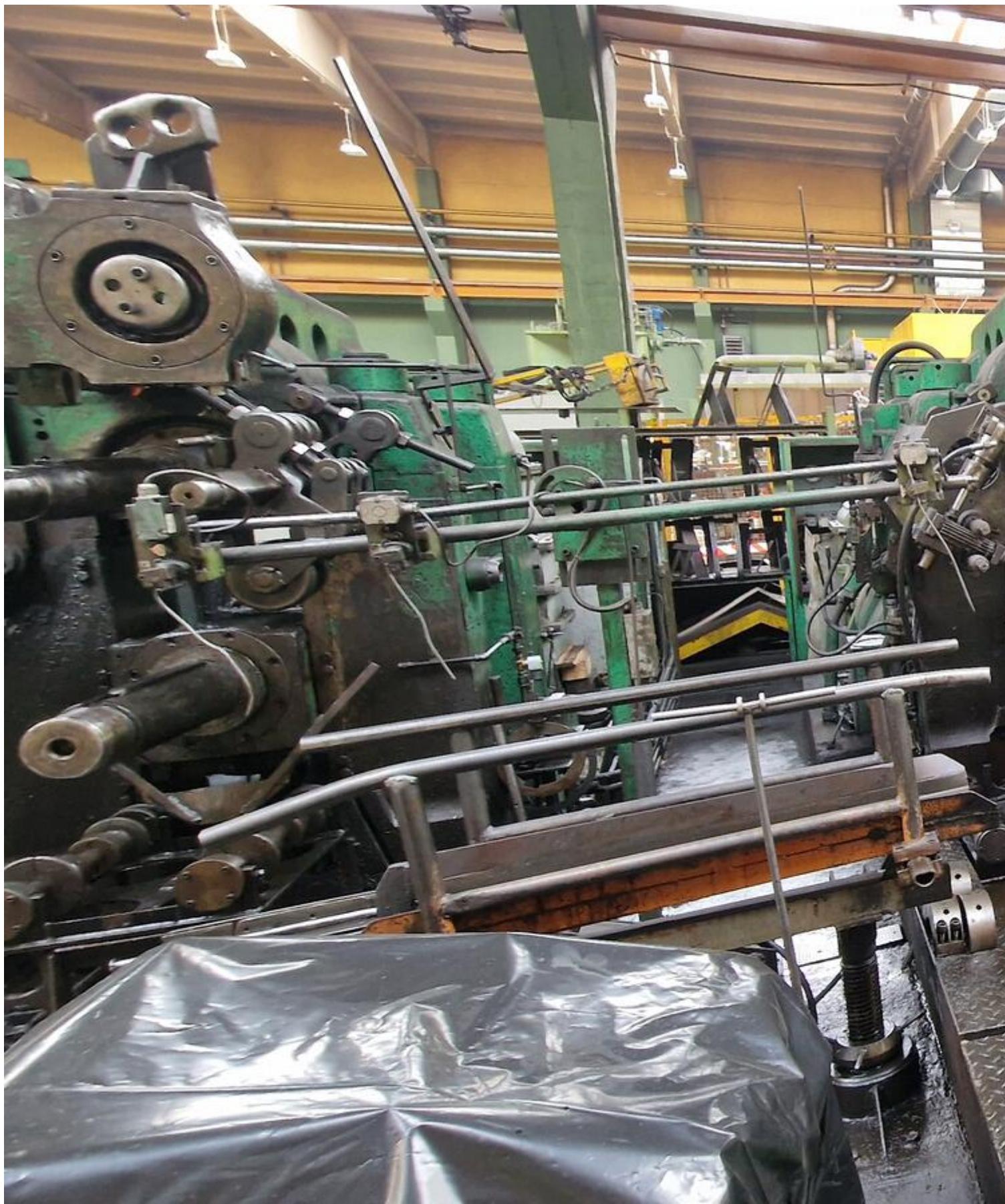


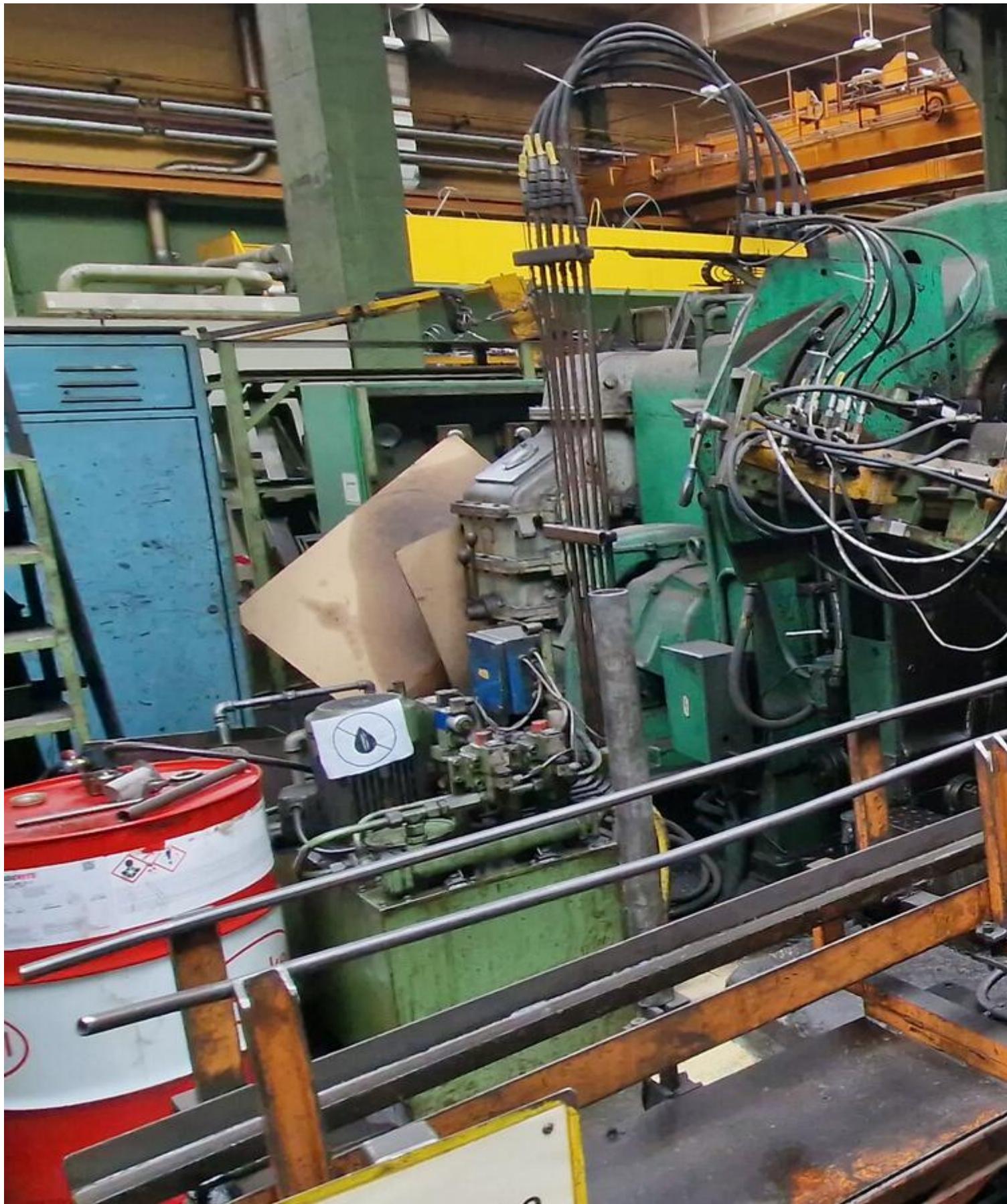


















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430-522.0000/00

Zeichn.-Nr.

Kraft

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Entf. zw. Tisch u. Stoßel

Tischfläche T.Y.E

Stoßelfläche T.Y.E

Stoßelhub max.

200 Np

175 mm

570 mm

740x700 mm

560x670 mm

550 mm

760 mm







HT

Hanseatische Industrie-Consult GmbH & Co. KG

HYDRAP PRESS!

482

Industrieautoklaven

COROS OP15

SIEMENS

HYDRAP-PRESSEN
Type : HPDb 250

F1 F2 F3 F4 F5 F6 F7 F8



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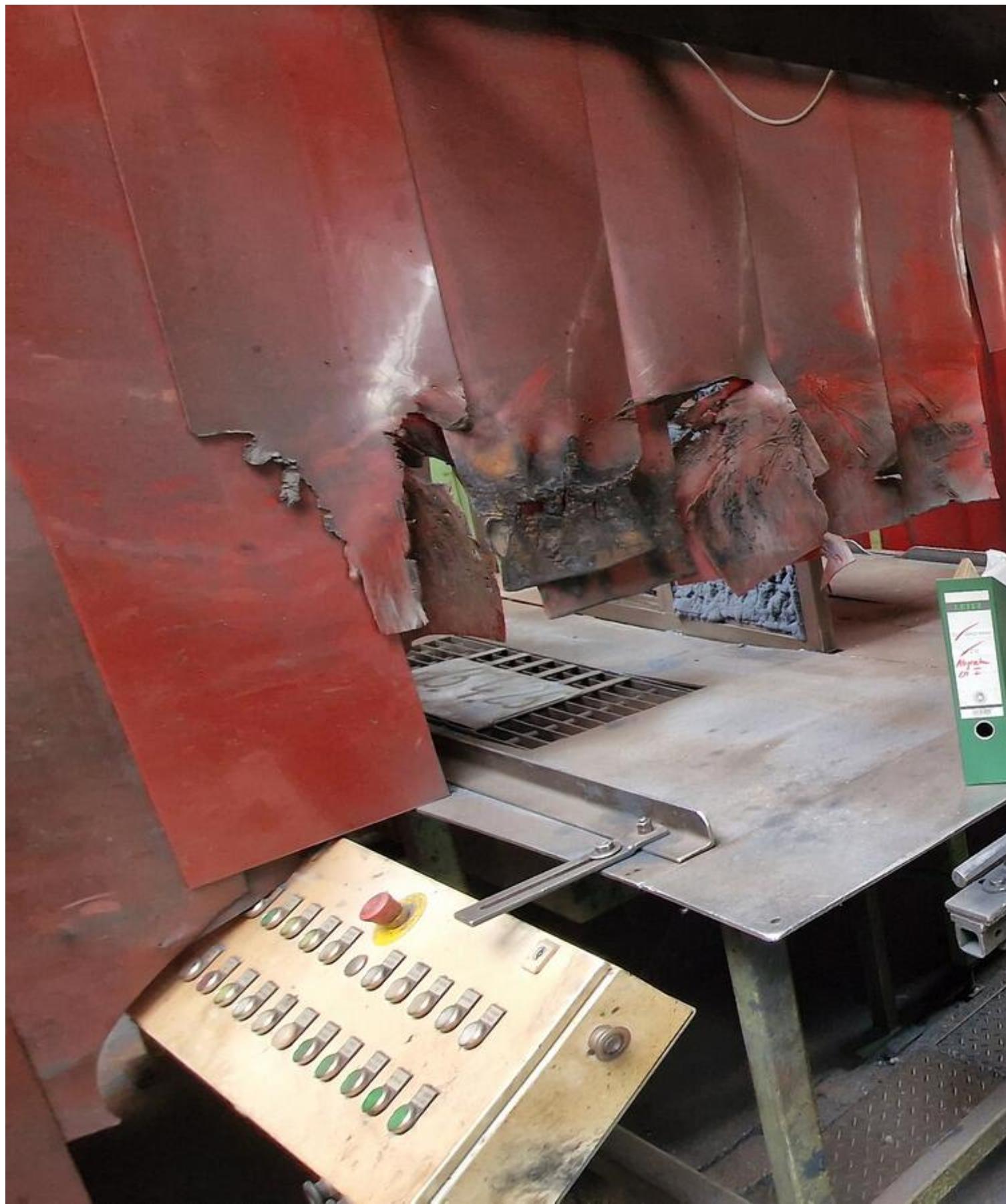
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Images:













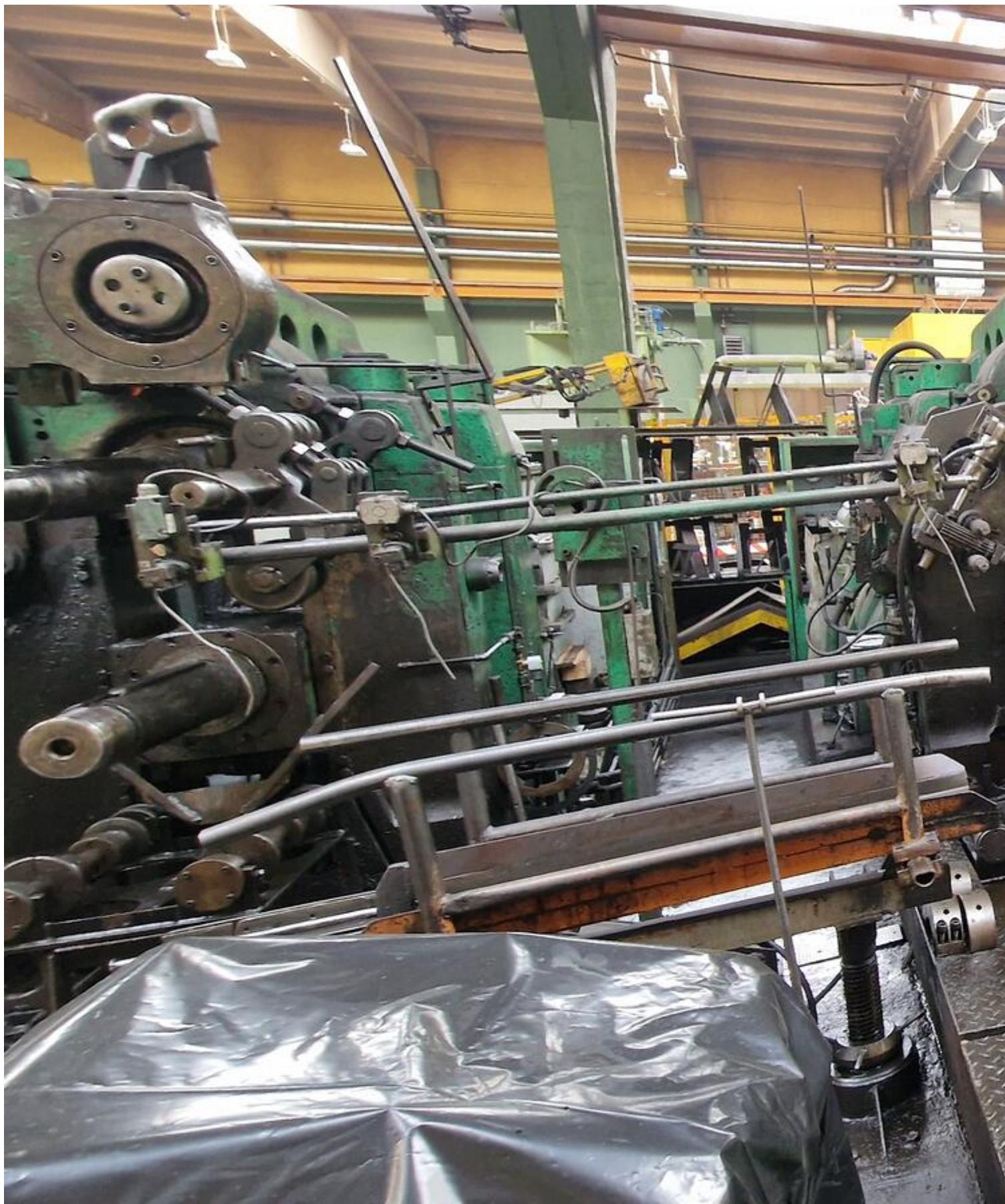


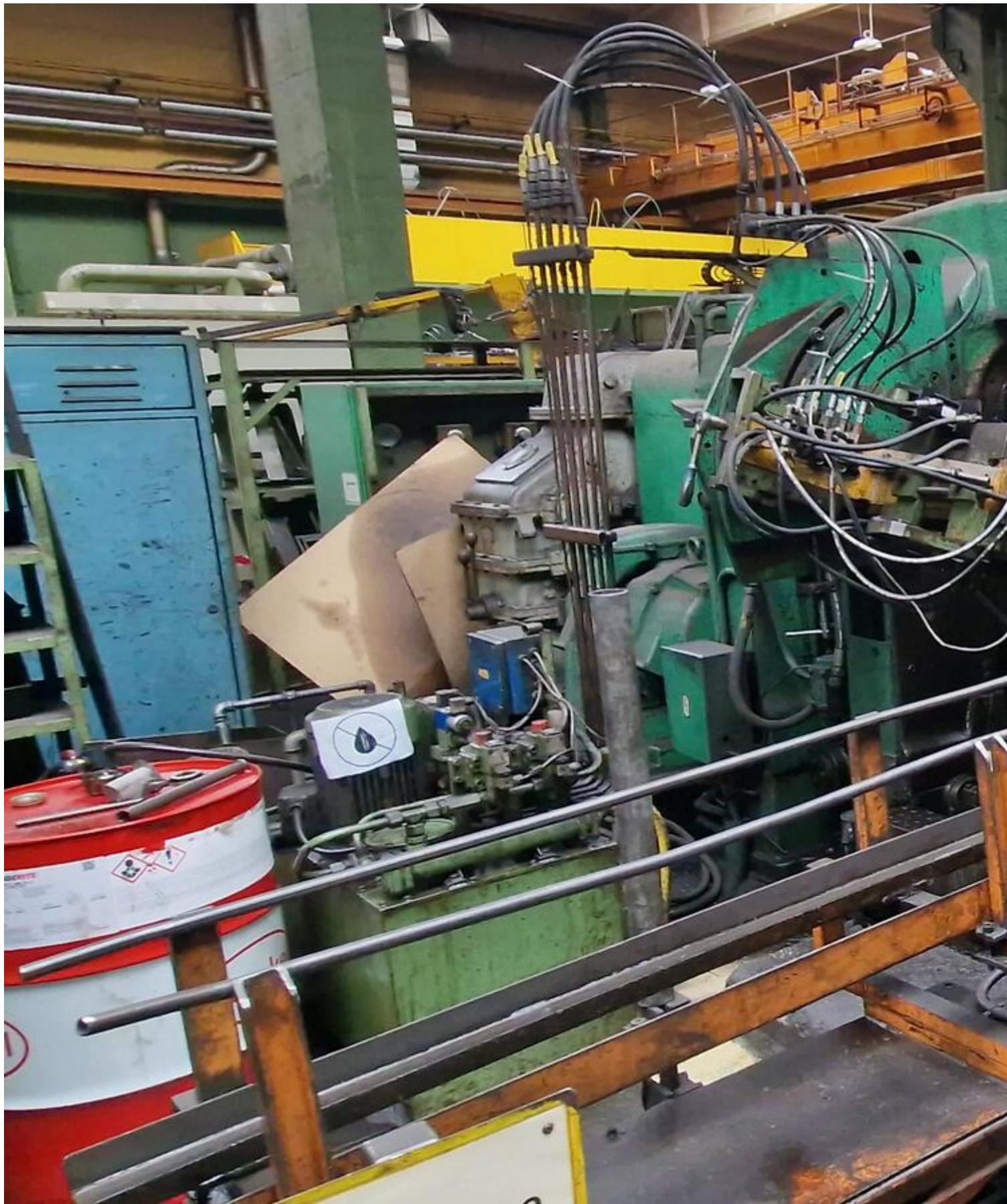


















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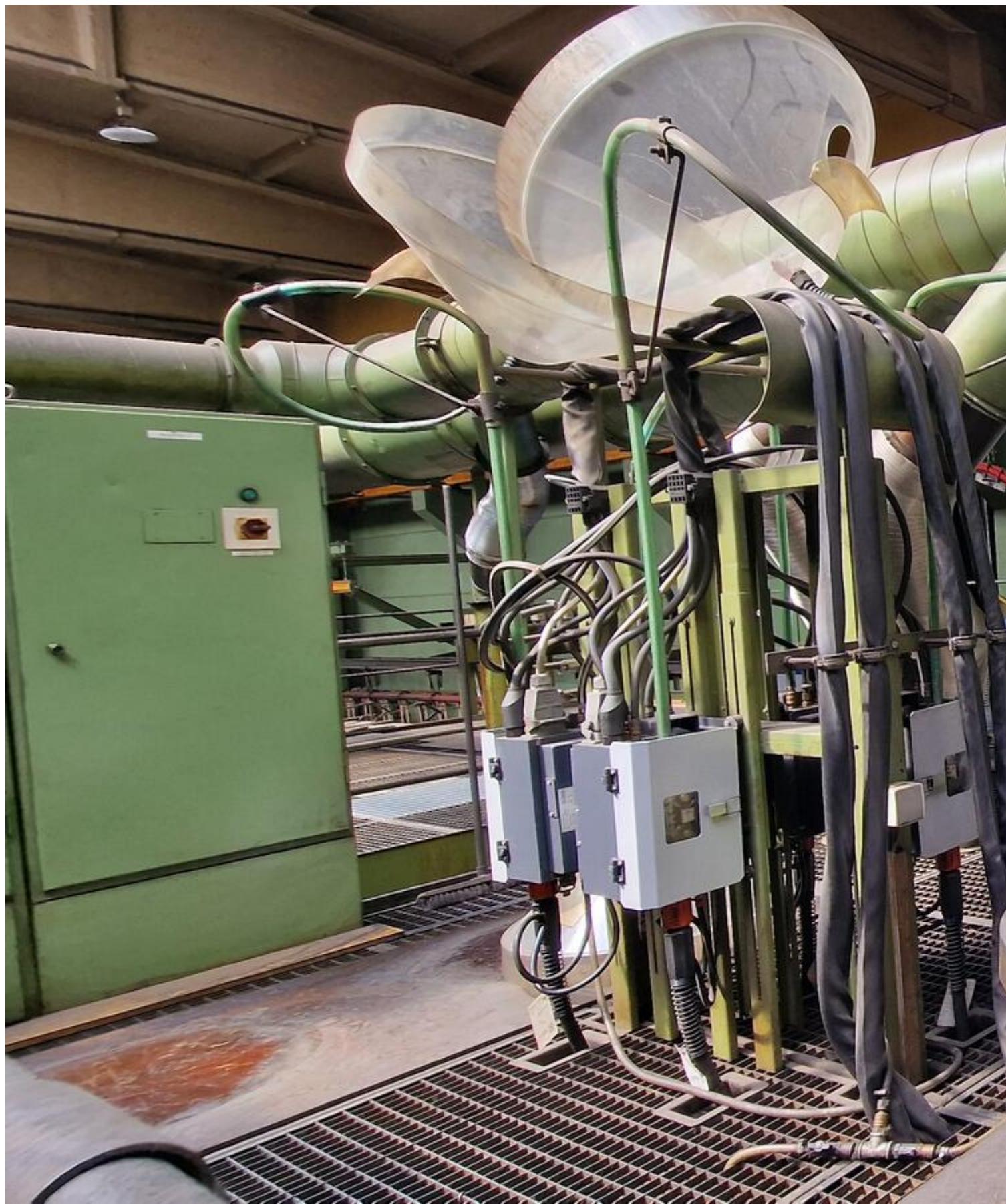
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Industrieautoklaven

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COROS OP15

SIEMENS

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