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Ref. No.:

1237-091301348

## Overview and Technical Data:

# AXON LITZ LU 800 5-axis machining center

[AXON](#)



Metal Cutting Solutions

Year of Build:

Jul 2016

## Description:

# Used AXON LITZ LU 800 5-axis machining center

Operating hours: 12934h / Spindle hours: 4591h

Heidenhain control iTNC 530

Technical data:

- Travels
  - X-axis: 800 mm
  - Y-axis: 900 + 330 mm
  - Z-axis: 620 mm
  - distance spindle nose - table: 100 - 720 mm
  - Diameter of table clamping surface: Ø 800 mm
  - Max. table load: 1.000 kg
  - Clamping grooves (number x width x pitch): 7 x 14 H8 x 100 mm
  - Centering hole: Ø 50 H7 x 15 mm
  - Max. workpiece size: Ø 900 mm
- Process speed
  - rapid traverse in X, Y, Z axes : 48 m/min
  - max. speed B axis : 75 rpm
  - Max. speed C axis: 100 rpm
  - acceleration X, Y, Z: 6,5 m/s<sup>2</sup>

- Accuracy
    - positioning accuracy: +/- 0,005 / 300 mm
    - repeatability: 0,005 mm
    - resolution of axes: 0,001 mm
  - Spindle
    - Main drive AC : Motor direct drive
    - drive power (100 % / 25 % ED): 18,0 / 29,0 kW
    - speed range: 20 - 12000 rpm
    - maximum torque: 236 Nm
    - spindle cone: SK 40 DIN 69871
    - IKZ: 30 Bar
  - Tool changer
    - version with double gripper
    - number of tools: 64x pieces
    - tool diameter: max. 75 mm
    - tool diameter (secondary unit free): max. 125 mm
    - tool length: max. 300 mm
    - tool weight: max. 7 kg
  - Chip conveyer
  - Chip cooling system
  - Cab roof - Manuel to open (crane loading)
  - Portable electronic handwheel
  - 3D probe with infrared transmission
  - Kinematic Optimizer
- 

The LITZ LU 800 is a flexible 5-axis machine, which is ideally suited to produce complex parts in one clamping.

No matter if it is only a 5-sided machining or complex geometries that require a 5-axis interpolation with the LITZ LU 800 you are always well prepared for all current requirements in machining.

The machine design allows 5-axis simultaneous machining of the workpieces or 5-side machining with the use of the integrated hydraulic axis brakes.

The latest Heidenhain iTNC 640 control allows full integration as 4th and 5th CNC axis. The zero point is automatically swiveled as well.

## **Technical Data:**

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Control:

[TNC 530](#)

Machine Hours:

12.934 hrs.

Spindle Hours:

4.591 hrs.

Spindle Speed:

12.000 rpm

Tool Holder:

[SK40](#)

Tool Capacity:  
64 x

## **Travels:**

X-Axis:  
800 mm  
Y-Axis:  
900mm  
Z-Axis:  
620 mm

## **Dimensions and Weight:**

Height:  
3.605 mm  
Width:  
3.382 mm  
Length:  
3.787 mm  
Weight:  
19.000 kg

## **Buyer Information:**

Condition:  
[Very good condition](#)  
Availability:  
[Sold](#)  
Sold as:  
[EXW \(Ex Works - Incoterm\)](#)  
VAT:  
[19 %](#)  
Buyers Premium:  
[16 %](#)  
Location:  
Germany

## **Images:**



Several papers are pinned to the white cabinet. One paper on the left appears to be a technical drawing or manual page. A larger sheet of paper in the center is partially folded and has a blue pen resting on it. To the right, another sheet of paper is pinned, possibly a checklist or maintenance log.





11  
2

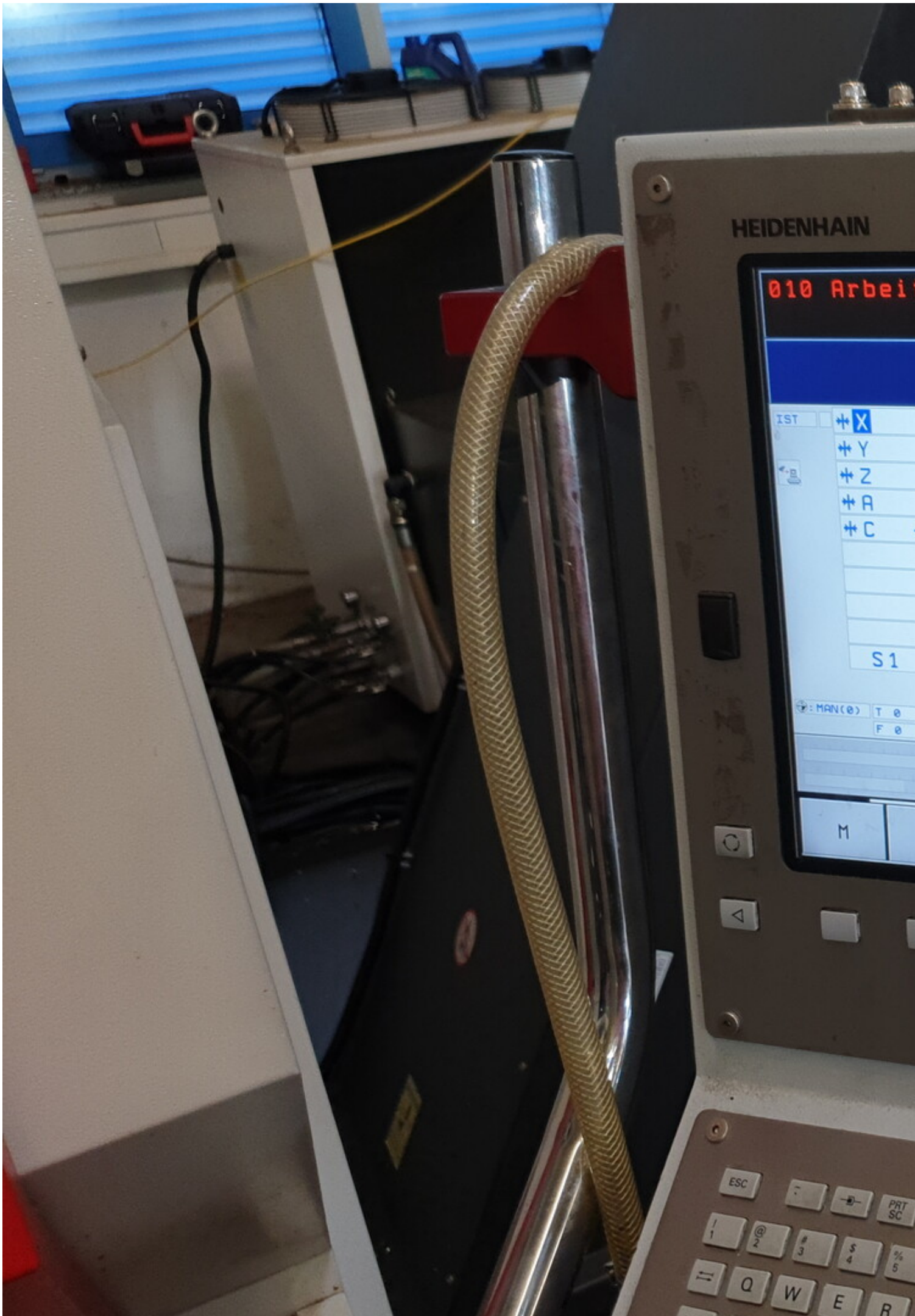
LITZ  
**LU800**











HEIDENHAIN

010 Arbeit

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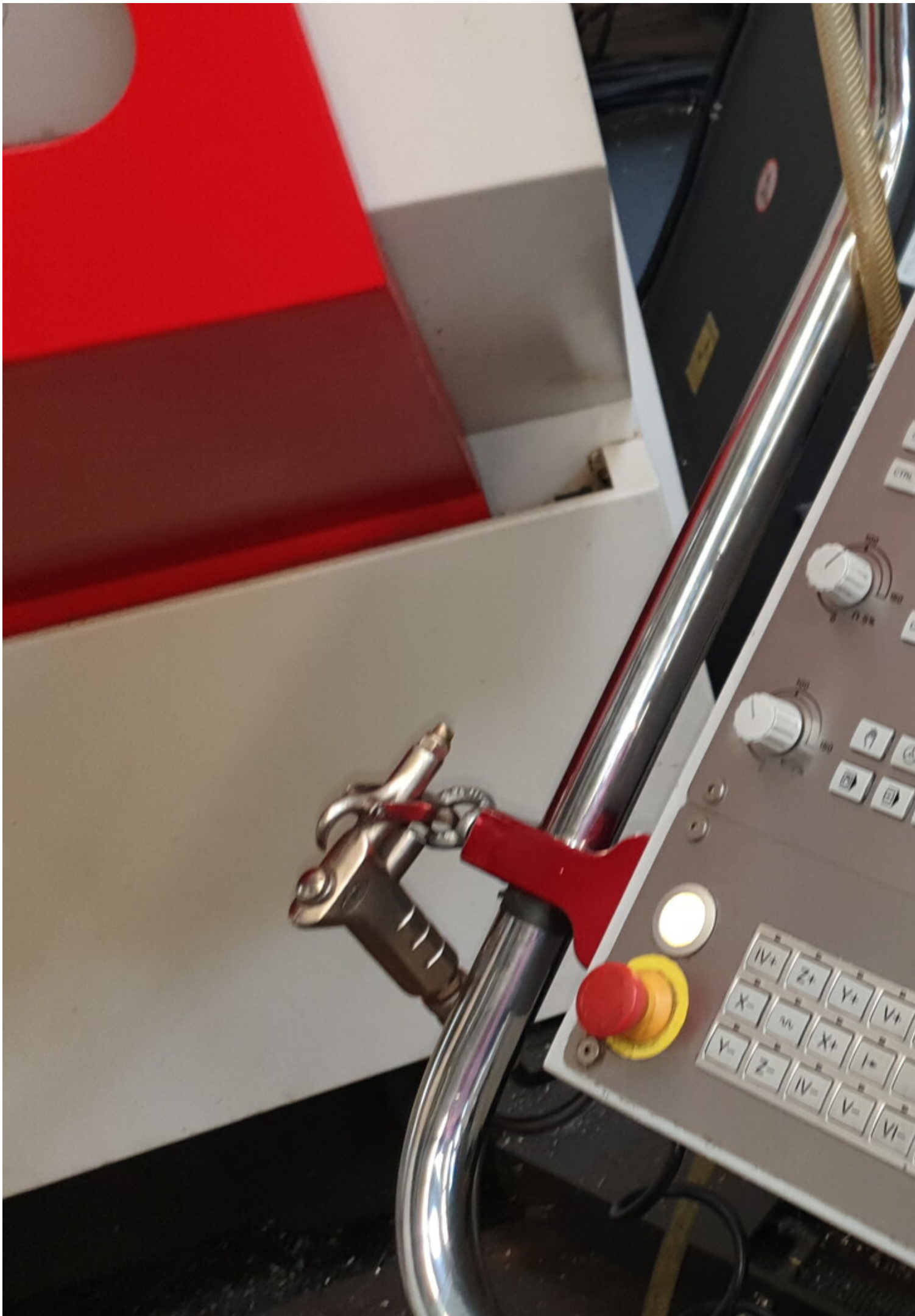
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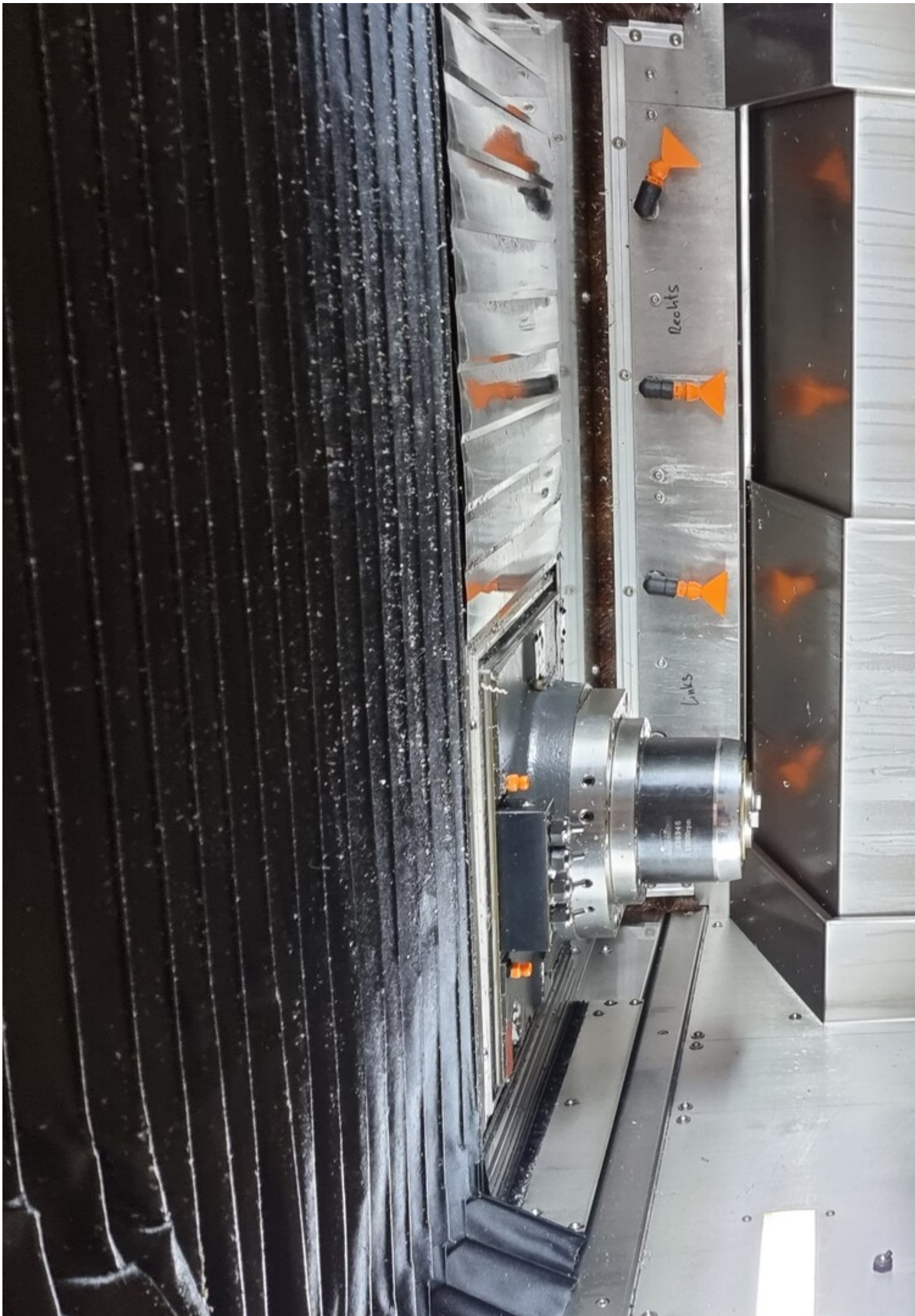
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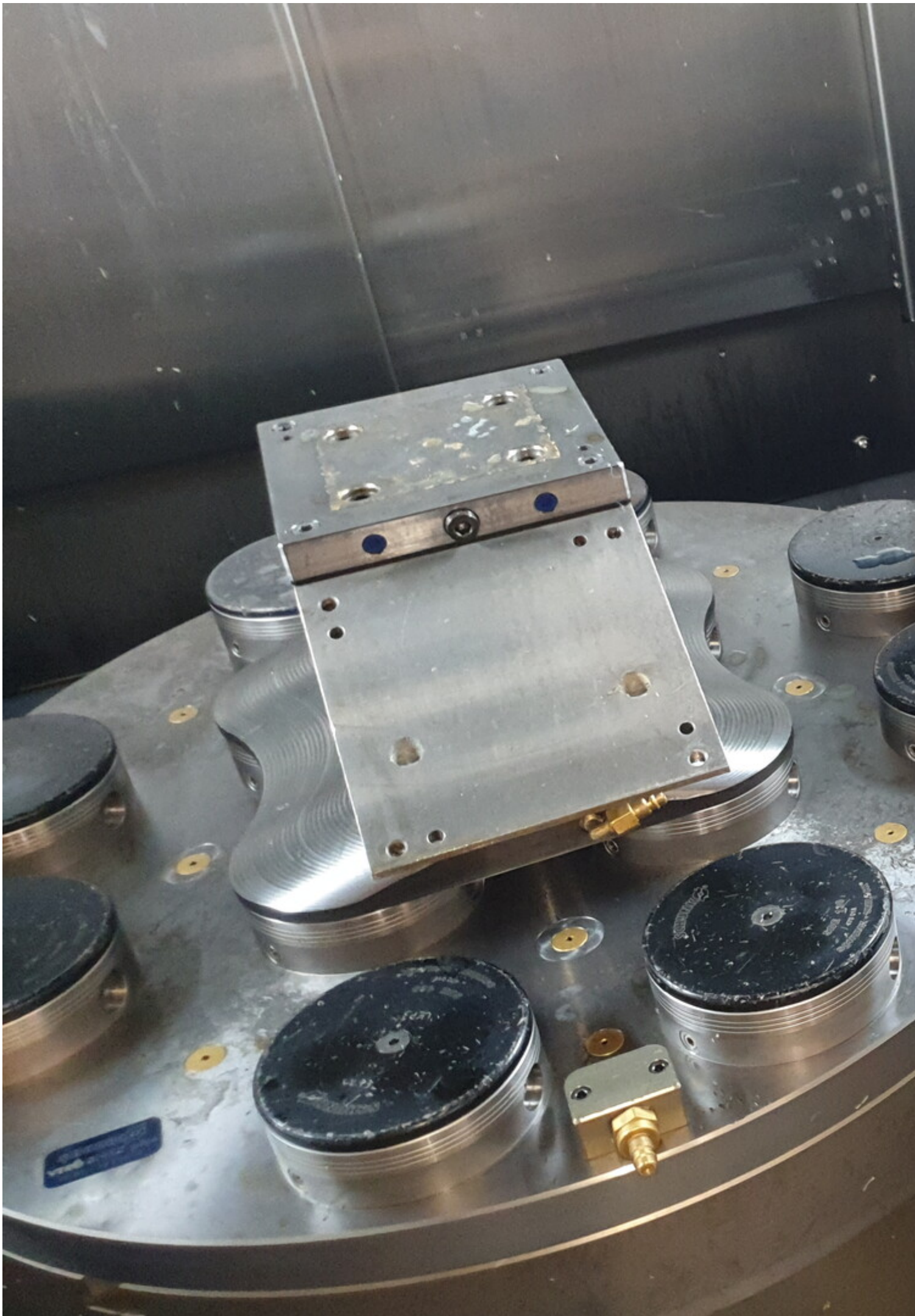




























Handen niet plaatsen  
in bewegende  
of draaiende  
onderdelen!

CAUTION  
Handen niet plaatsen in bewegende  
onderdelen!













ALFA LOMBA

cut. et liften bei Kartuschen wechseln



4-6  
Woche  
öffnen

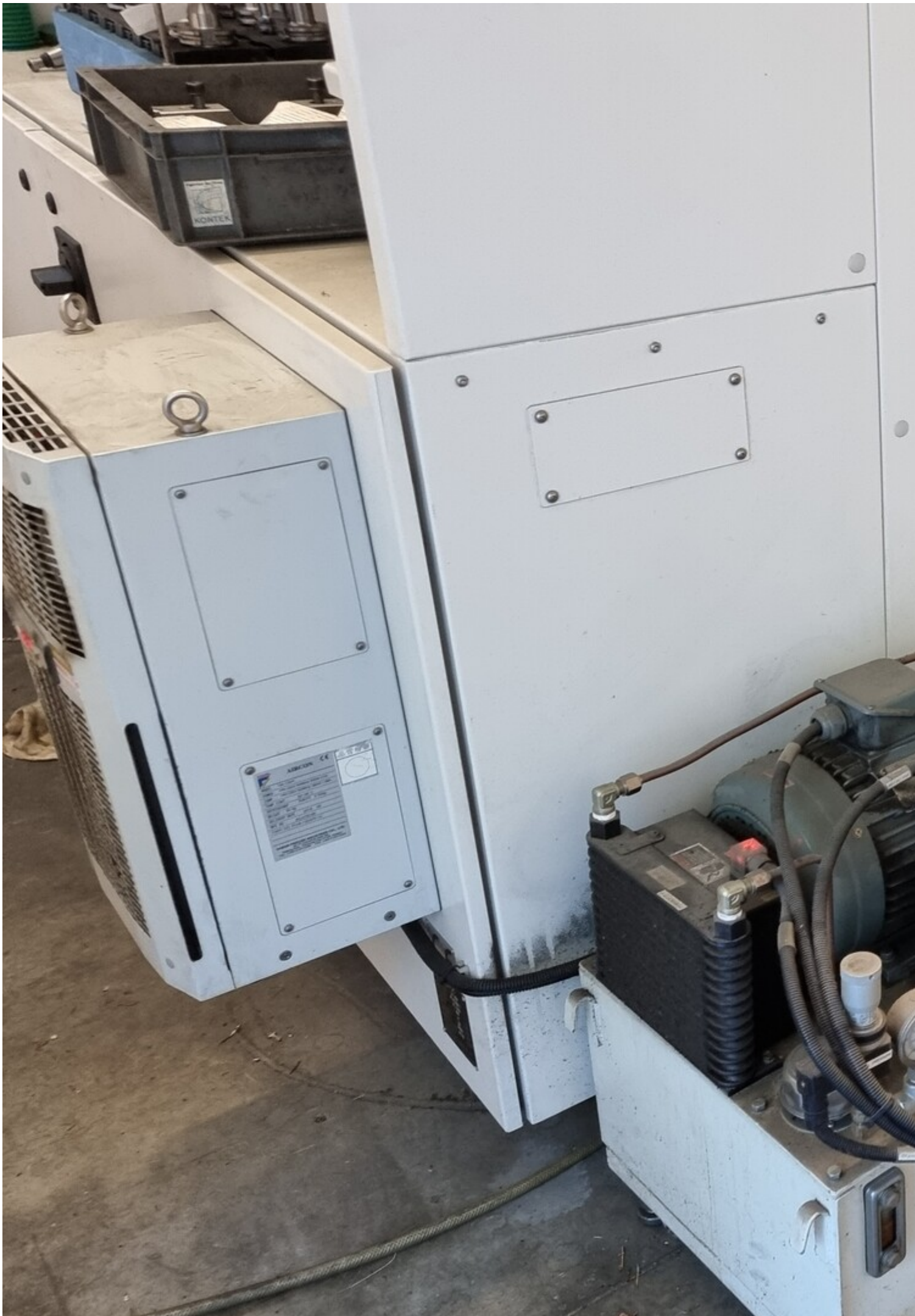


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Made in Germany 40.000









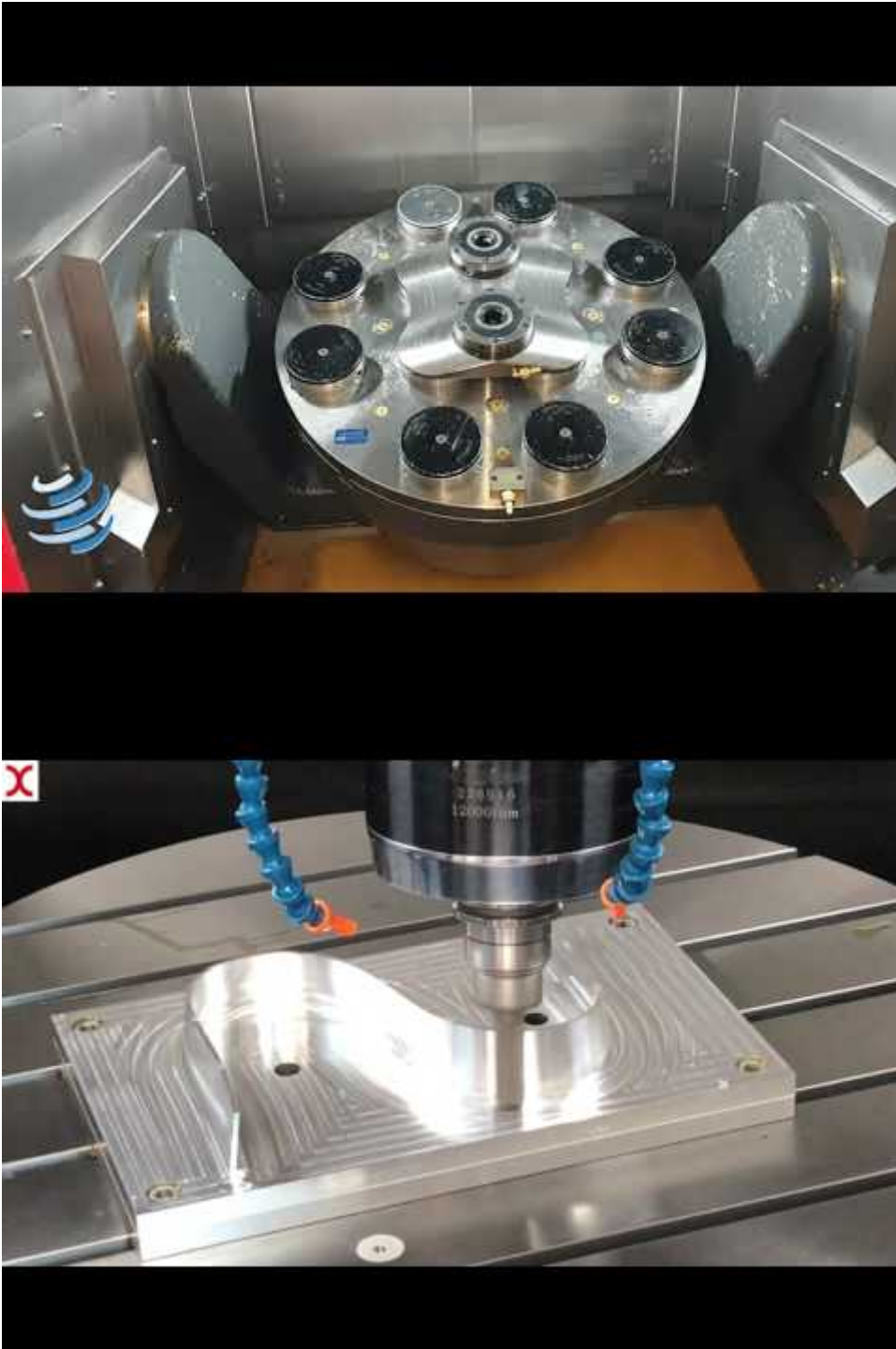








**Video:**





Asset-Trade

Assessment and Sale of Used Assets world wide

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47800 Krefeld

Germany

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Fax.: +49 2151 65 29 22

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Web.: <https://www.asset-trade.de/en>

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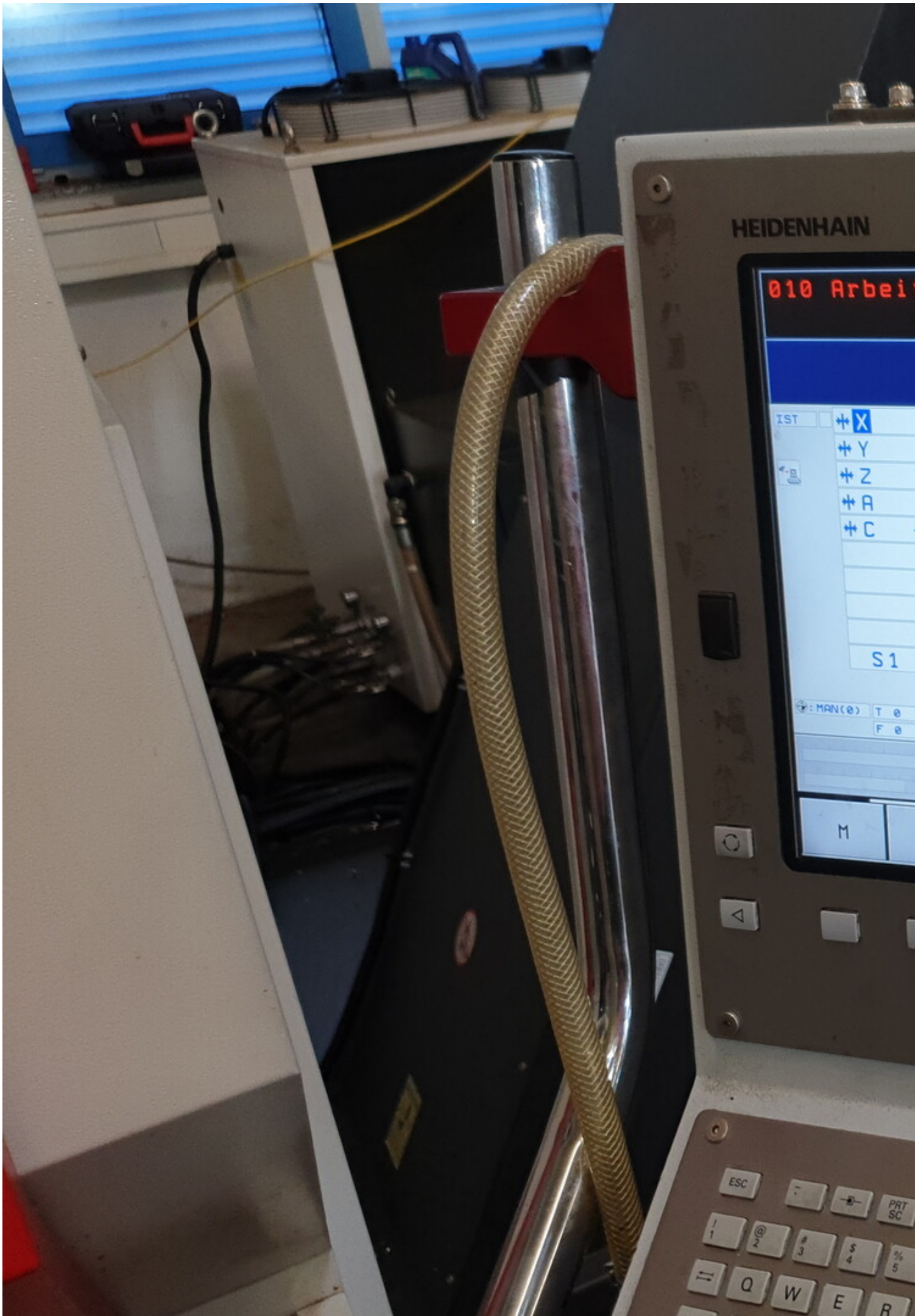
LITZ  
**LU800**











HEIDENHAIN

010 Arbeit

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	+ X
	+ Y
	+ Z
	+ R
	+ C
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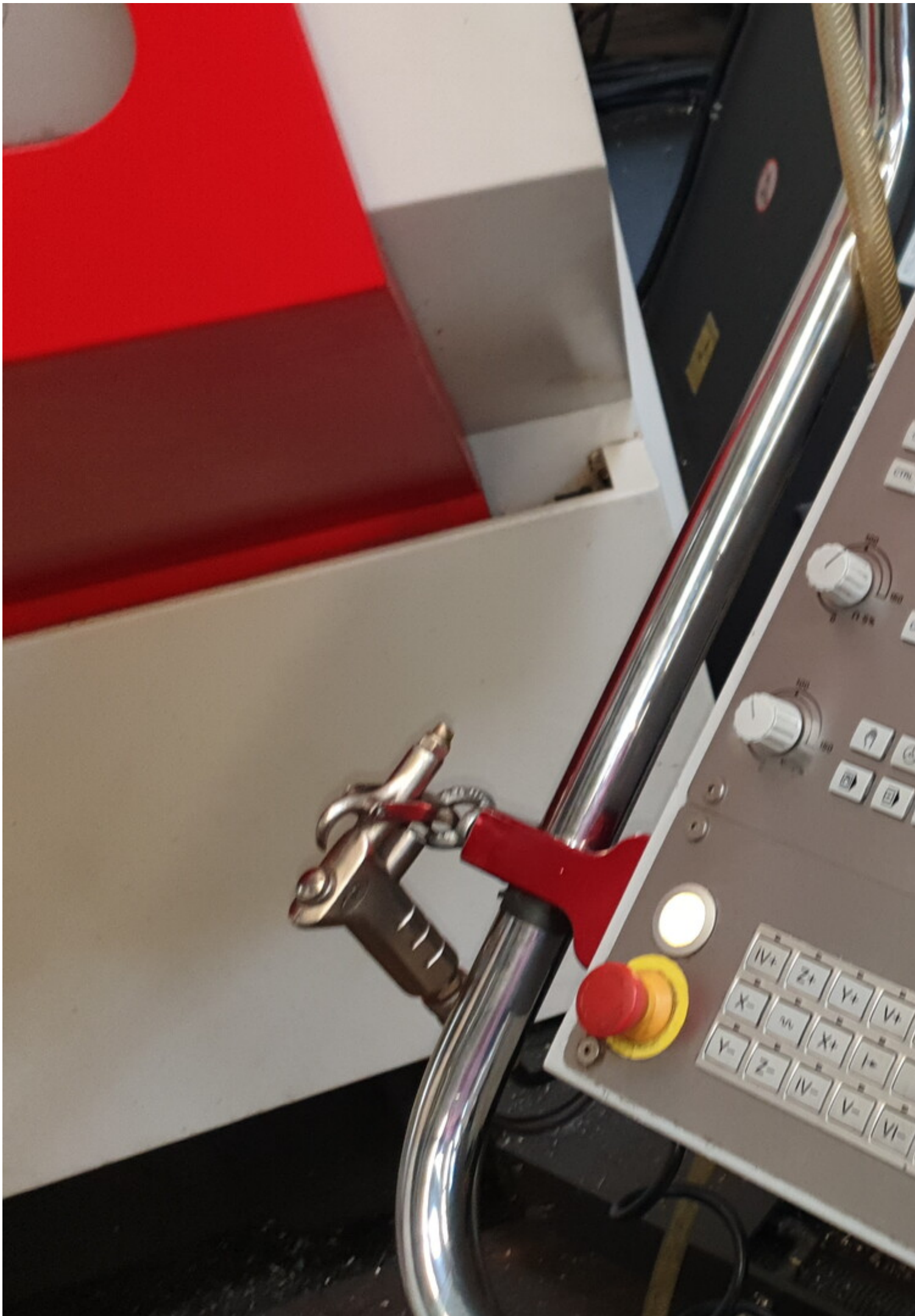
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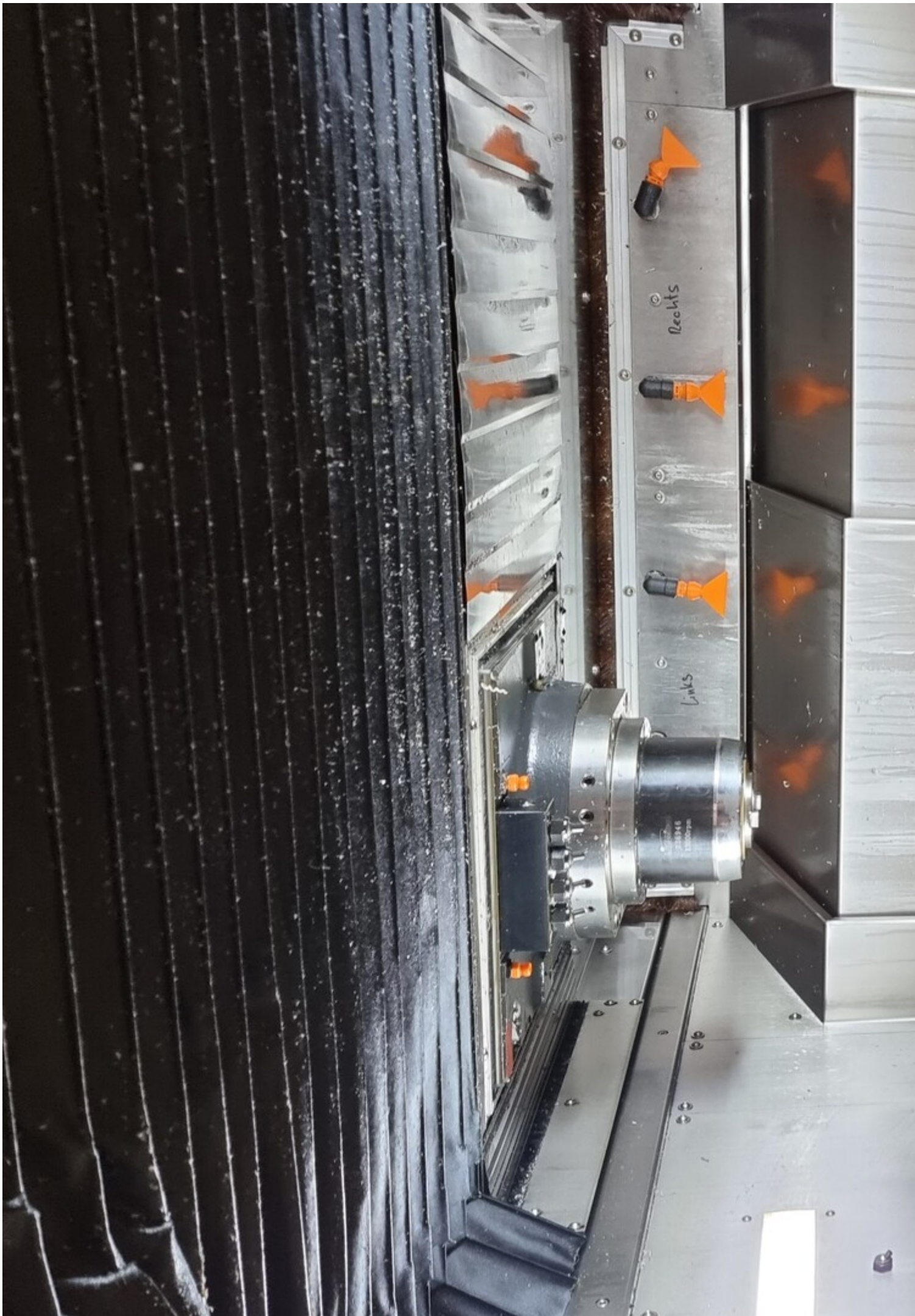
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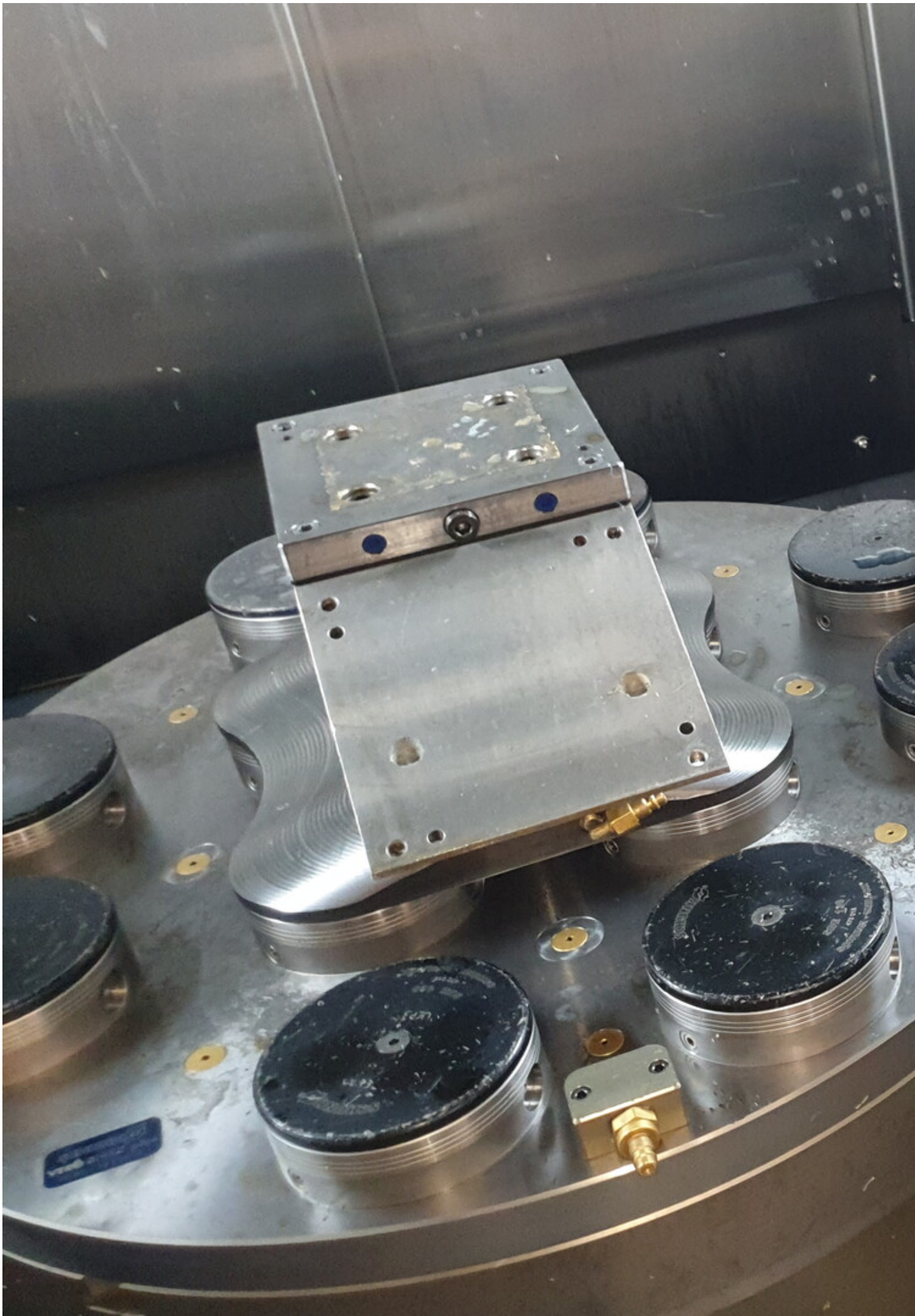
























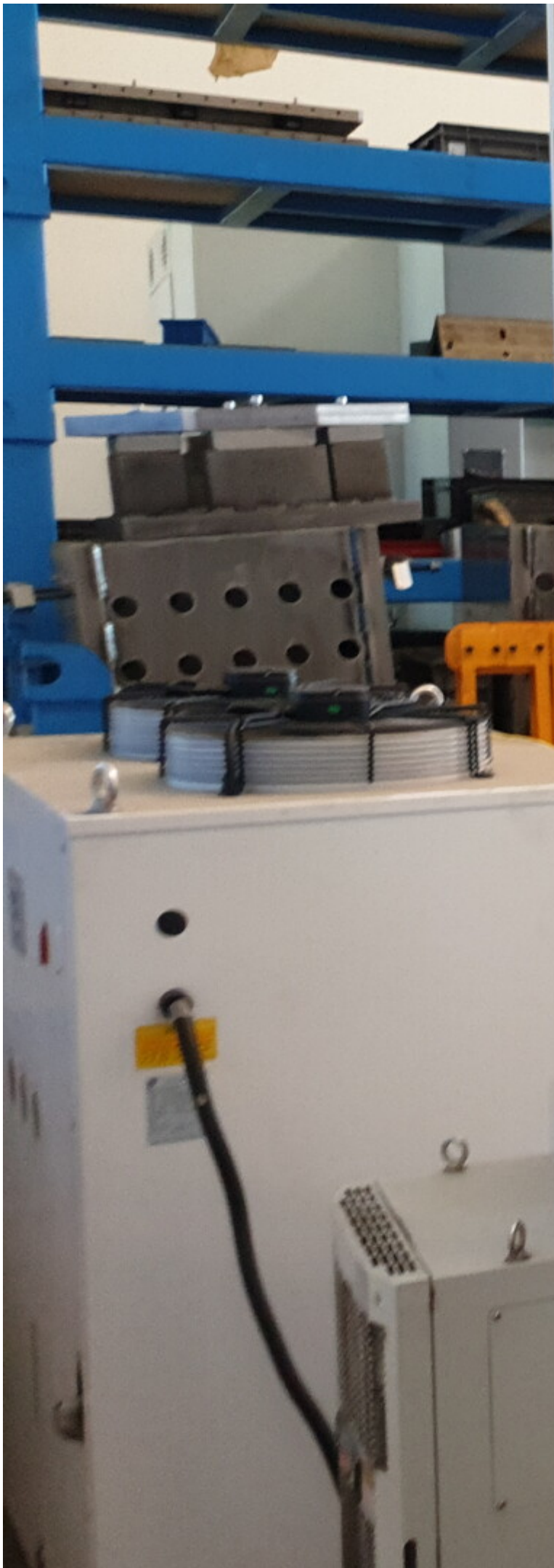




Handen niet plaatsen in bewegende delen van de arm!  
Caution: Do not place hands in moving parts of the arm!

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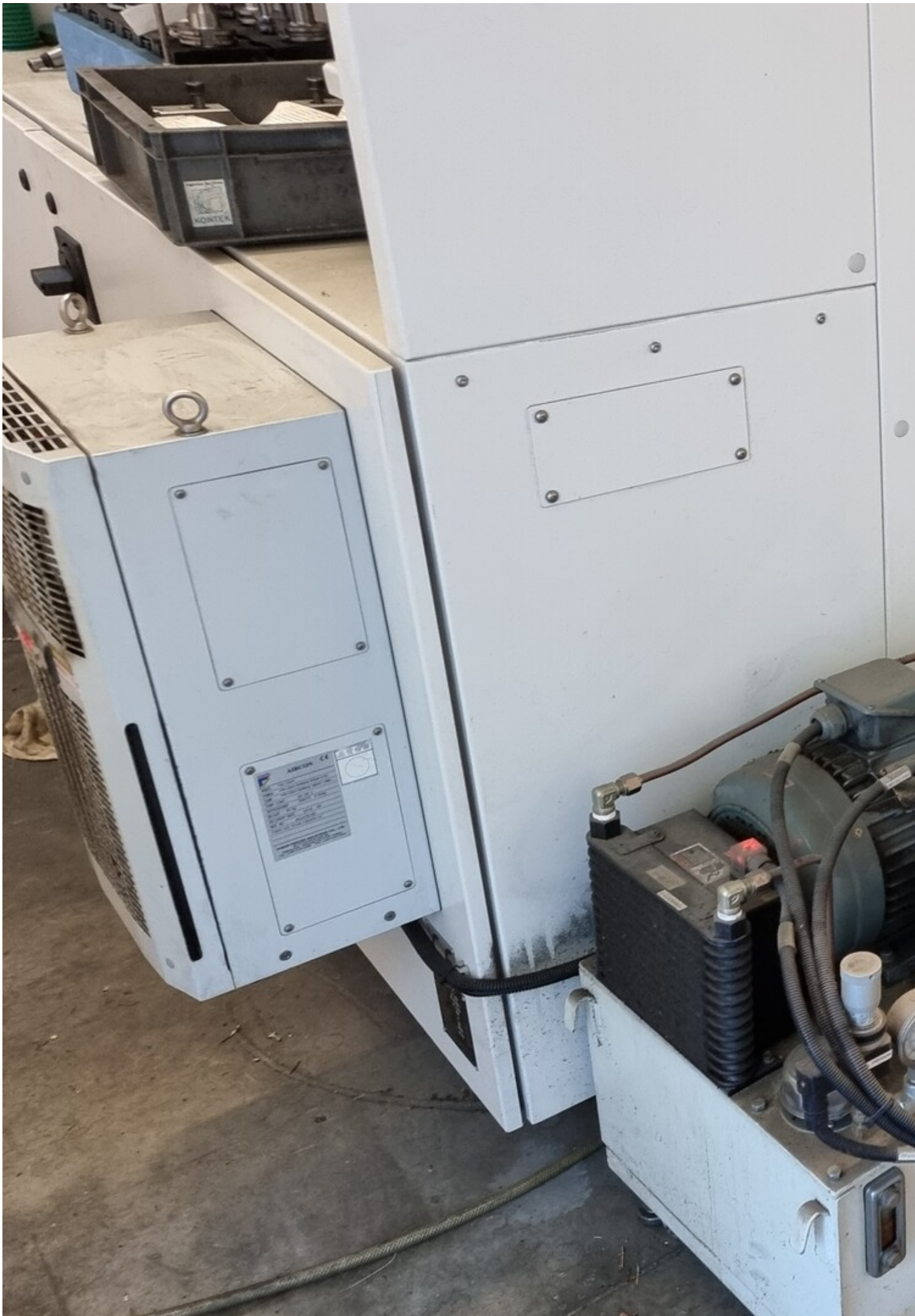


ENTICS  
NR 0821302052  
Made in Germany 40.000









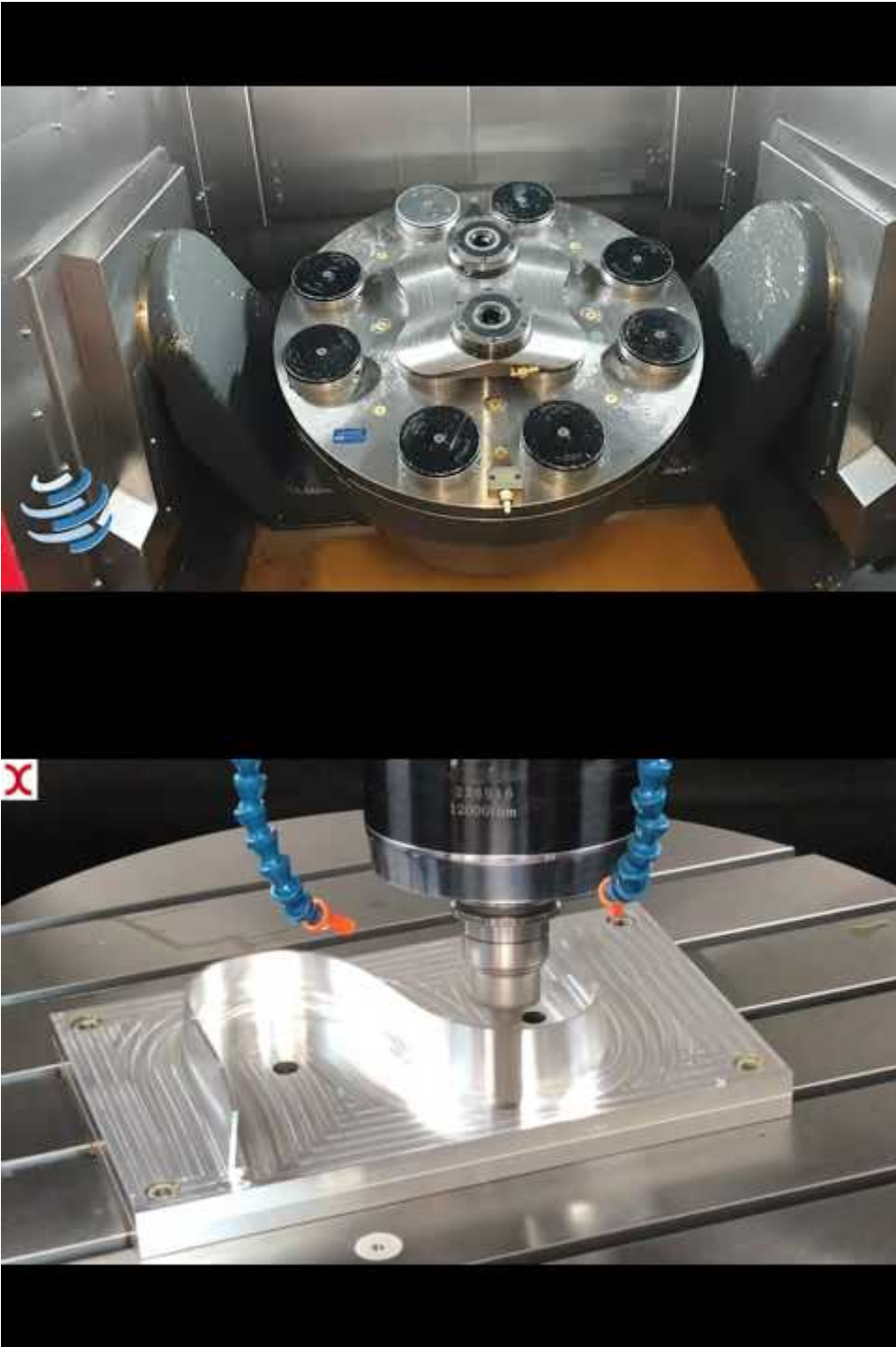








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