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Ref. No.:

1237-091301342

Overview and Technical Data:

AXON LITZ LU 400 5-axis machining center

[AXON](#)



Metal Cutting Solutions

Year of Build:

Jun 2016

Description:

Buy used AXON LITZ LU-400 machining center with 5 axes

Operating hours: 14.933h / Spindel Hours: 3539h

CNC control Heidenhain iTnc 640

New spindle form November 2021 - Therefor Zero Spindle Hrs.

Technical data

- Travels (Glass scales):
 - X-axis: 400 mm
 - Y-axis: 350 mm
 - Z-axis: 350 mm
 - distance spindle nose - table: 150 - 500 mm
 - Diameter of table clamping surface: Ø 450 mm
 - Max. table load: 150 kg
 - Clamping grooves (number x width x pitch): 8 x 14 H7 (radial)
 - Centering hole: Ø 55 H7 x 12,5 mm
 - Max. workpiece size: Ø 430 x 270 mm
- Process speed
 - rapid traverse in X, Y, Z axes: 48 m/min
 - Max. speed B axis: 25 rpm

- Speed max. C-axis: 25 rpm
 - acceleration X, Y, Z: 6,5 m/s²
 - Accuracy
 - positioning accuracy: +/- 0.005 / 300 mm
 - repeatability: 0,005 mm
 - Resolution of the axes: 0.001 mm,
 - Spindle
 - Main spindle: 20 to 12.000 rpm
 - Drive power (100 % / 25 % ED) 10.0 / 17.0 kW
 - Torque at 1500 rpm (100 % / 25 % ED) 63.7 / 108.6 Nm
 - Spindle cone: SK 40 DIN 69871
 - IKZ 42 bar
 - Tool changer
 - number of tools: 30x pieces
 - tool diameter: max. 75 mm
 - Tool diameter (secondary unit free): 127 mm
 - tool length: max. 250 mm
 - tool weight: max. 7 kg
 - Chip conveyer
 - Blow air gun
 - Blowing air through the coolant nozzles
 - Electronic handwheel
 - Direct encoder in axes B, C
 - Ring chip cooling system
 - Renishaw RMP 60 - 3D probe with radio transmission
 - Kinematic Optimizer
-

The LITZ LU 400 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 which require a 5-axis interpolation with the LITZ LU 400 you are always well prepared for all current requirements in machining.

Technical data at a glance

- diameter of table clamping surface: 450 mm
- travel x-axis: 400 mm
- Traverse path y-axis: 350 mm
- Travel z-axis: 350 mm
- Main spindle with up to 12,000 rpm

The machine design allows 5-axis simultaneous machining of the workpieces or 5-sided 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:

Technical Data:

Control:

[TNC 640](#)

Machine Hours:

14.933 hrs.

Spindle Hours:

3.539 hrs.

Spindle Speed:

12.000 rpm

Tool Holder:

[SK40](#)

Tool Capacity:

30 x

Travels:

X-Axis:

400 mm

Y-Axis:

350mm

Z-Axis:

350 mm

Dimensions and Weight:

Height:

2.705 mm

Width:

2.652 mm

Length:

1.980 mm

Weight:

6.500 kg

Buyer Information:

Condition:

[Very good condition](#)

Availability:

[Sold](#)

Sold as:

[EXW \(Ex Works - Incoterm\)](#)

VAT:

[19 %](#)

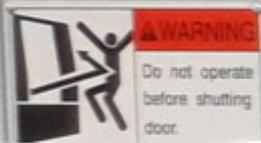
Buyers Premium:

[16 %](#)

Location:

Germany

Images:



WARNING

Do not operate before shutting door.

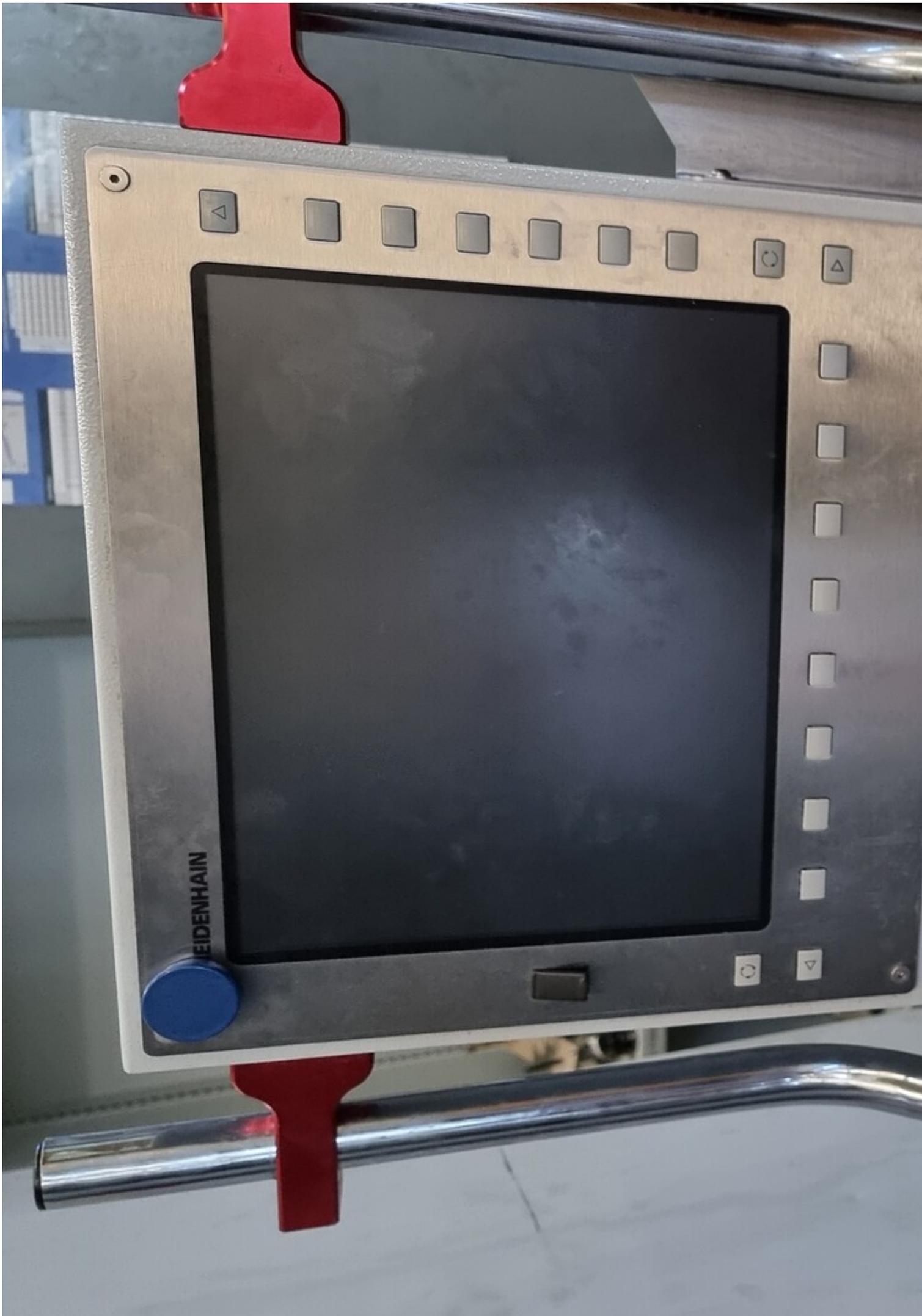
Technical specification sheet with various fields and text, partially obscured by a metal fastener.

SAFETY INSTRUCTIONS
List of safety instructions and warnings.

Technical specification sheet with a blue fastener.

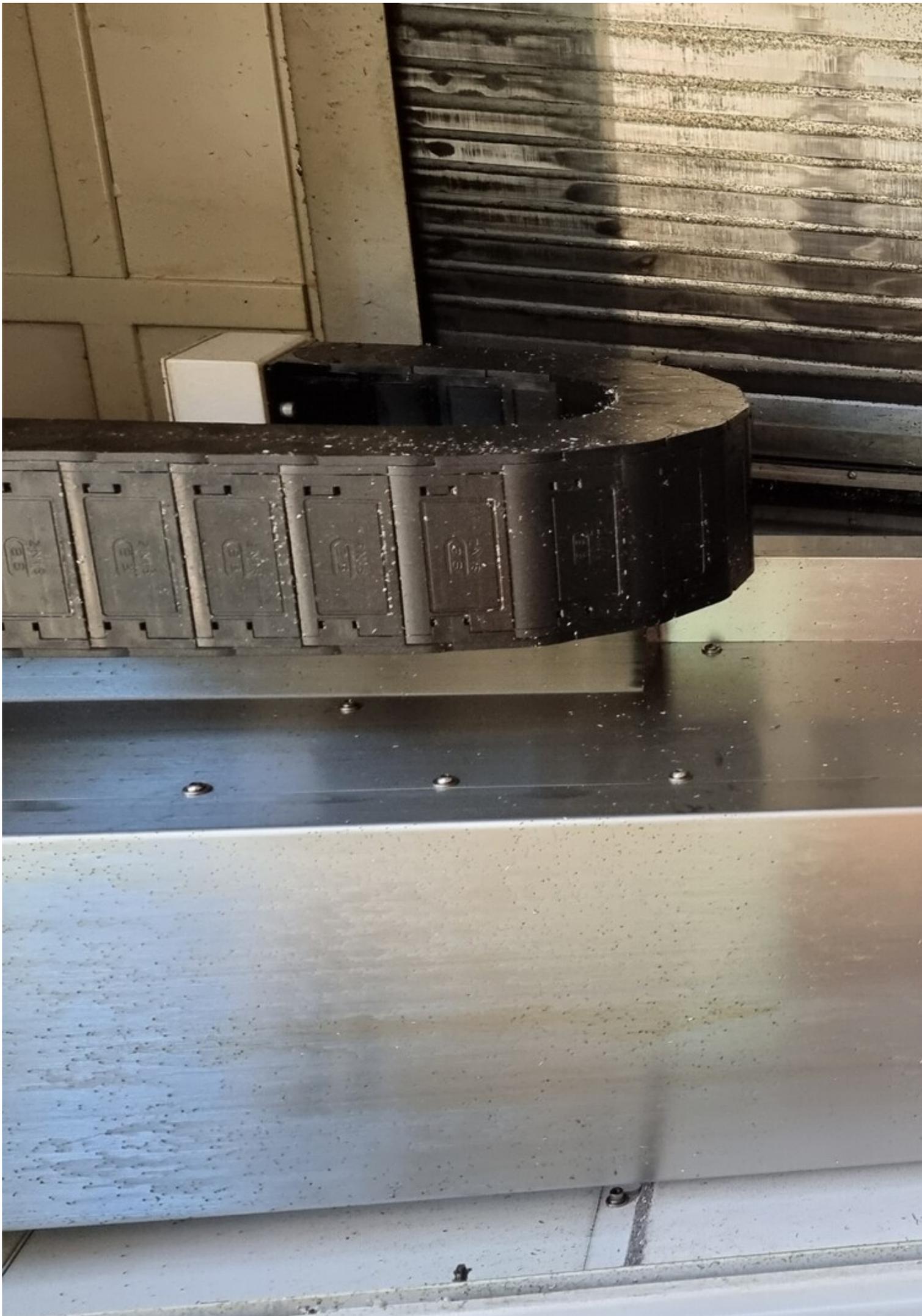
LITZ
LU 400



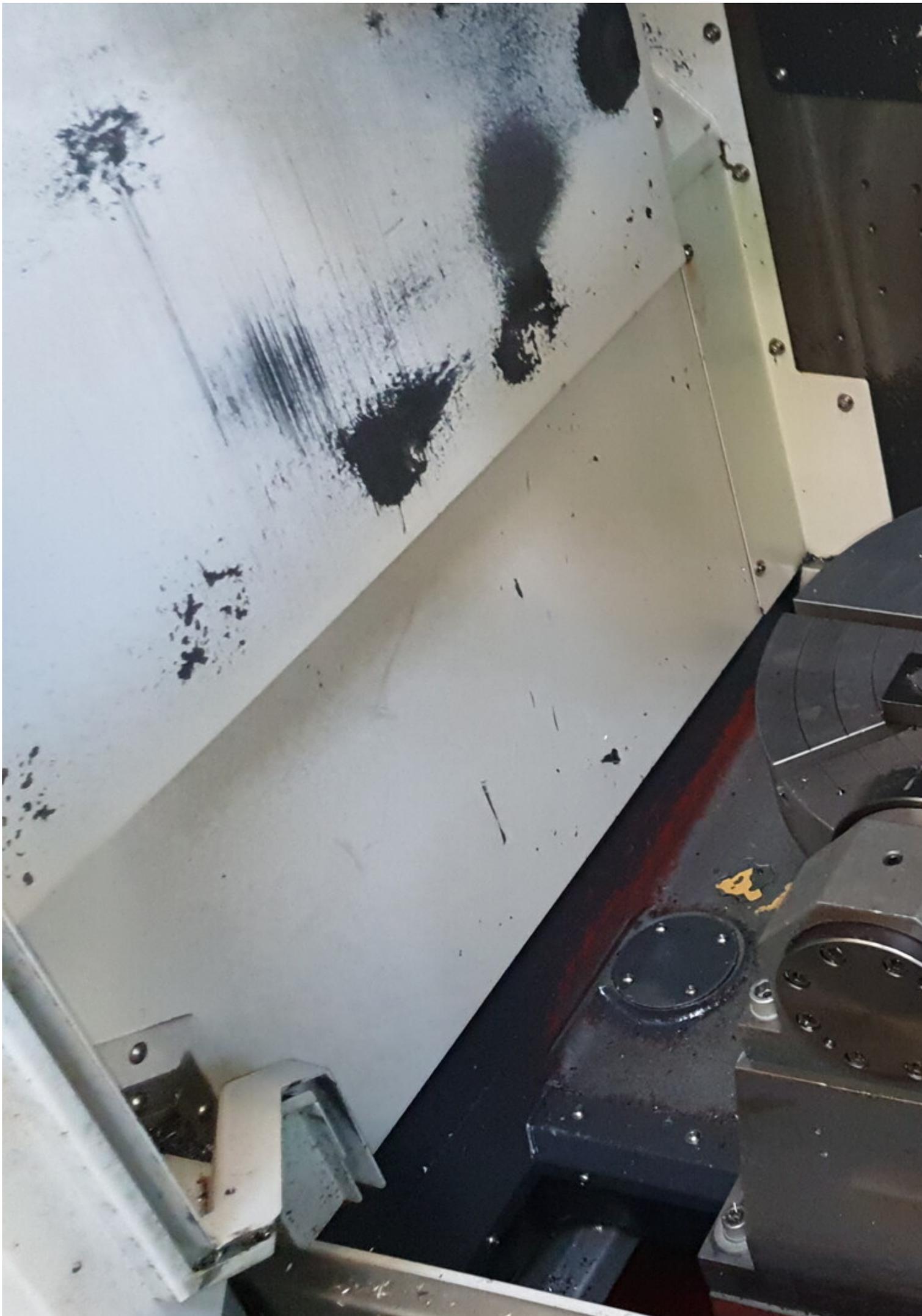


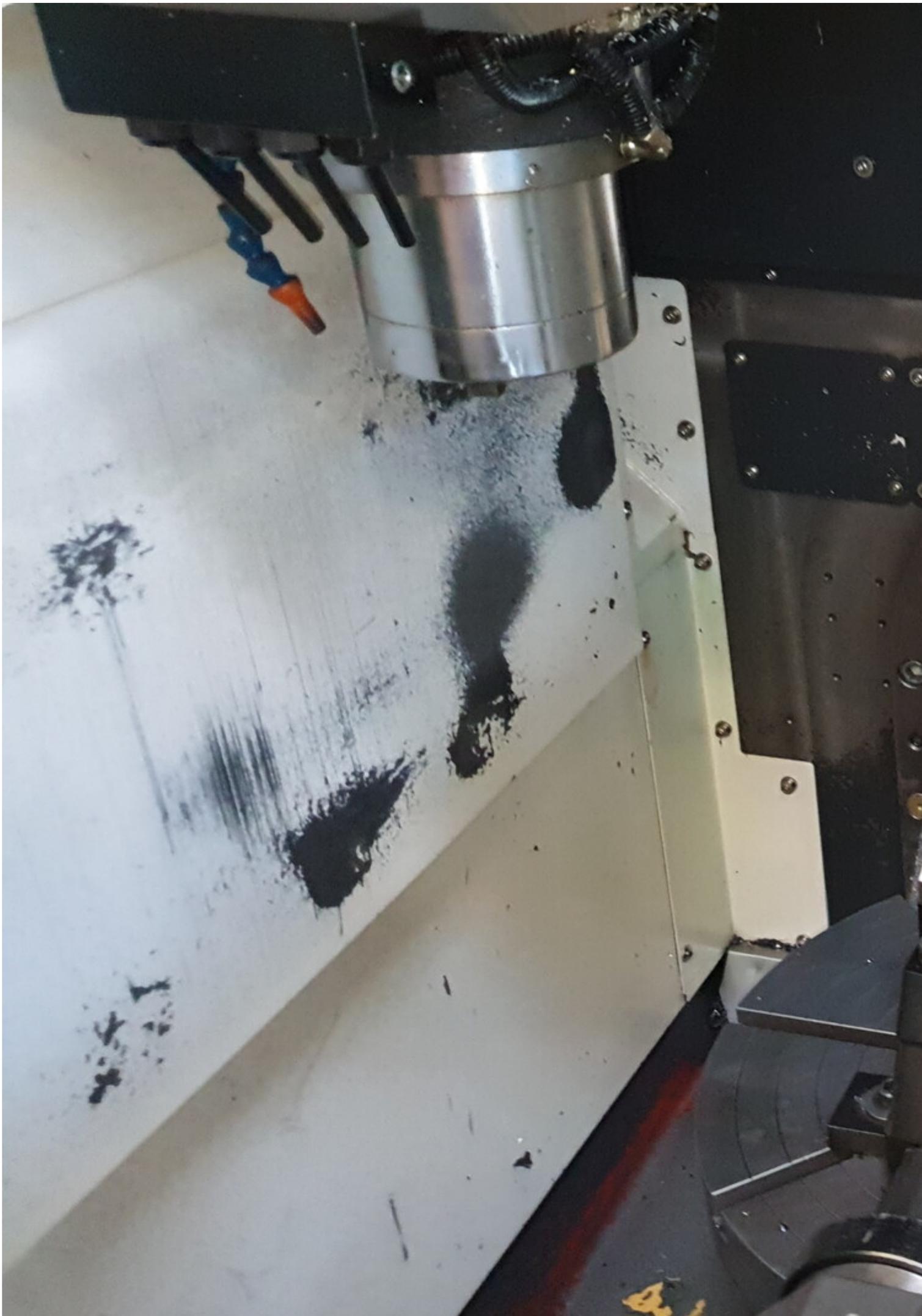
LEIDENHAIN





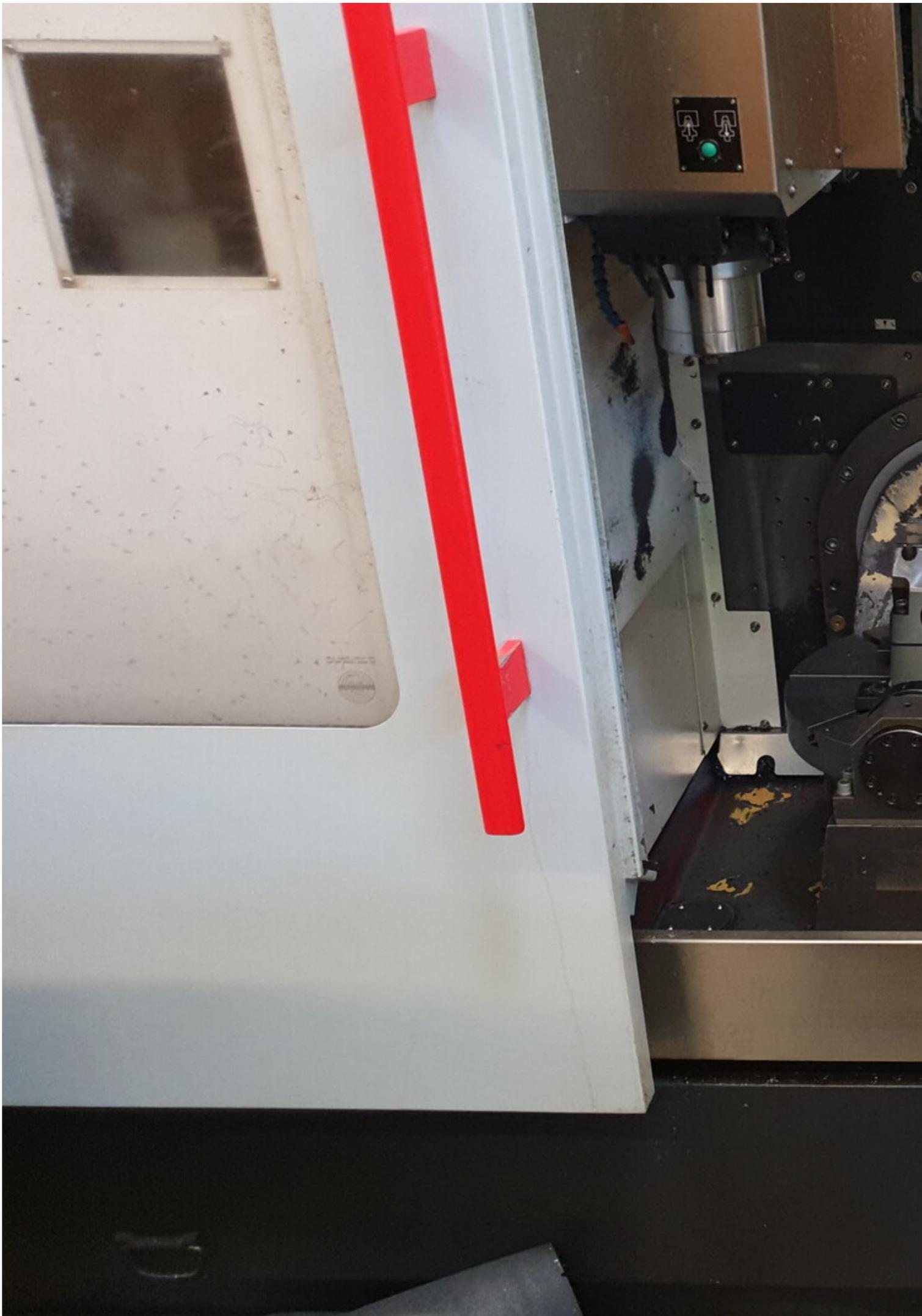












SAFETY INSTRUCTIONS

1. Read the instructions carefully before using the machine.
2. Do not touch the moving parts of the machine.
3. Do not use the machine if you are tired or under the influence of alcohol or drugs.
4. Do not use the machine if you are wearing jewelry or loose clothing.
5. Do not use the machine if you are wearing safety glasses or contact lenses.
6. Do not use the machine if you are wearing a watch or bracelet.
7. Do not use the machine if you are wearing a ring or earring.
8. Do not use the machine if you are wearing a necklace or chain.
9. Do not use the machine if you are wearing a belt or tool belt.
10. Do not use the machine if you are wearing a hat or cap.
11. Do not use the machine if you are wearing a scarf or shawl.
12. Do not use the machine if you are wearing a coat or jacket.
13. Do not use the machine if you are wearing a sweater or hoodie.
14. Do not use the machine if you are wearing a t-shirt or tank top.
15. Do not use the machine if you are wearing shorts or pajamas.
16. Do not use the machine if you are wearing sandals or flip-flops.
17. Do not use the machine if you are wearing high-heeled shoes or boots.
18. Do not use the machine if you are wearing any type of footwear that is not safe for work.
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UTZ

Item	Quantity	Unit	Material	Remarks
1	1	PC	Aluminum	
2	1	PC	Aluminum	
3	1	PC	Aluminum	
4	1	PC	Aluminum	
5	1	PC	Aluminum	
6	1	PC	Aluminum	
7	1	PC	Aluminum	
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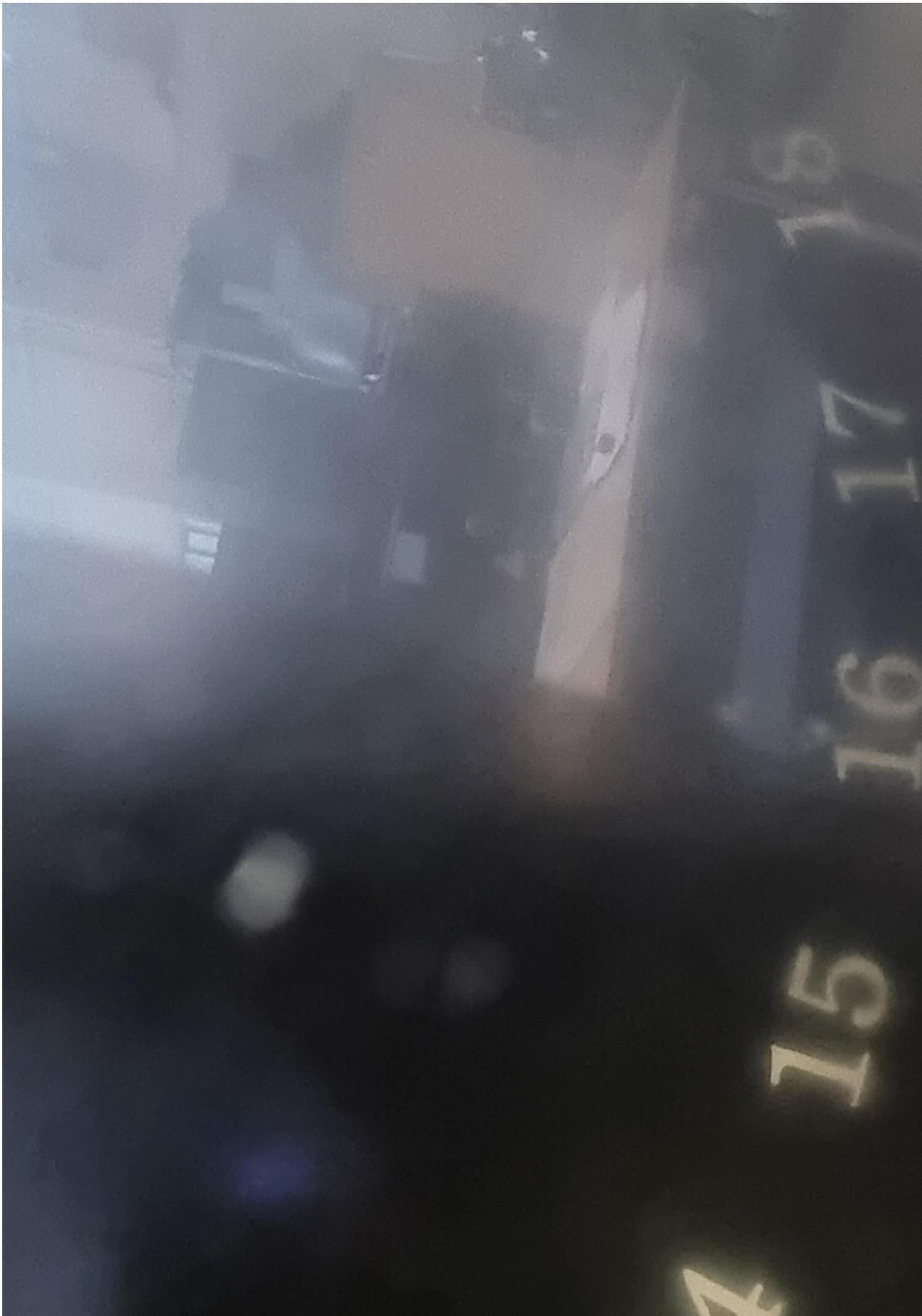














Video:





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

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Availability:
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Sold as:
[EXW \(Ex Works - Incoterm\)](#)
VAT:
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Buyers Premium:
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Location:
Germany

Images:



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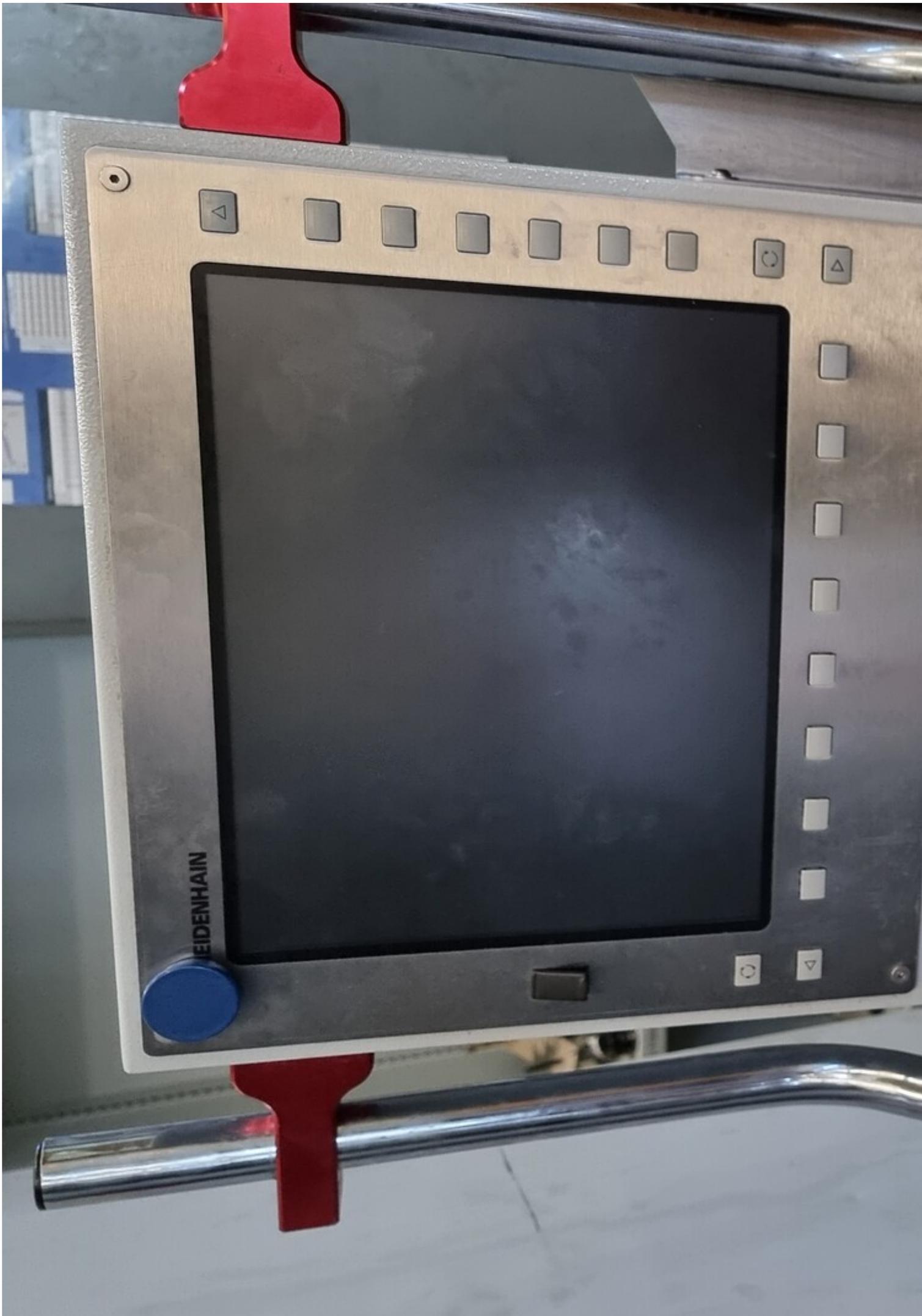
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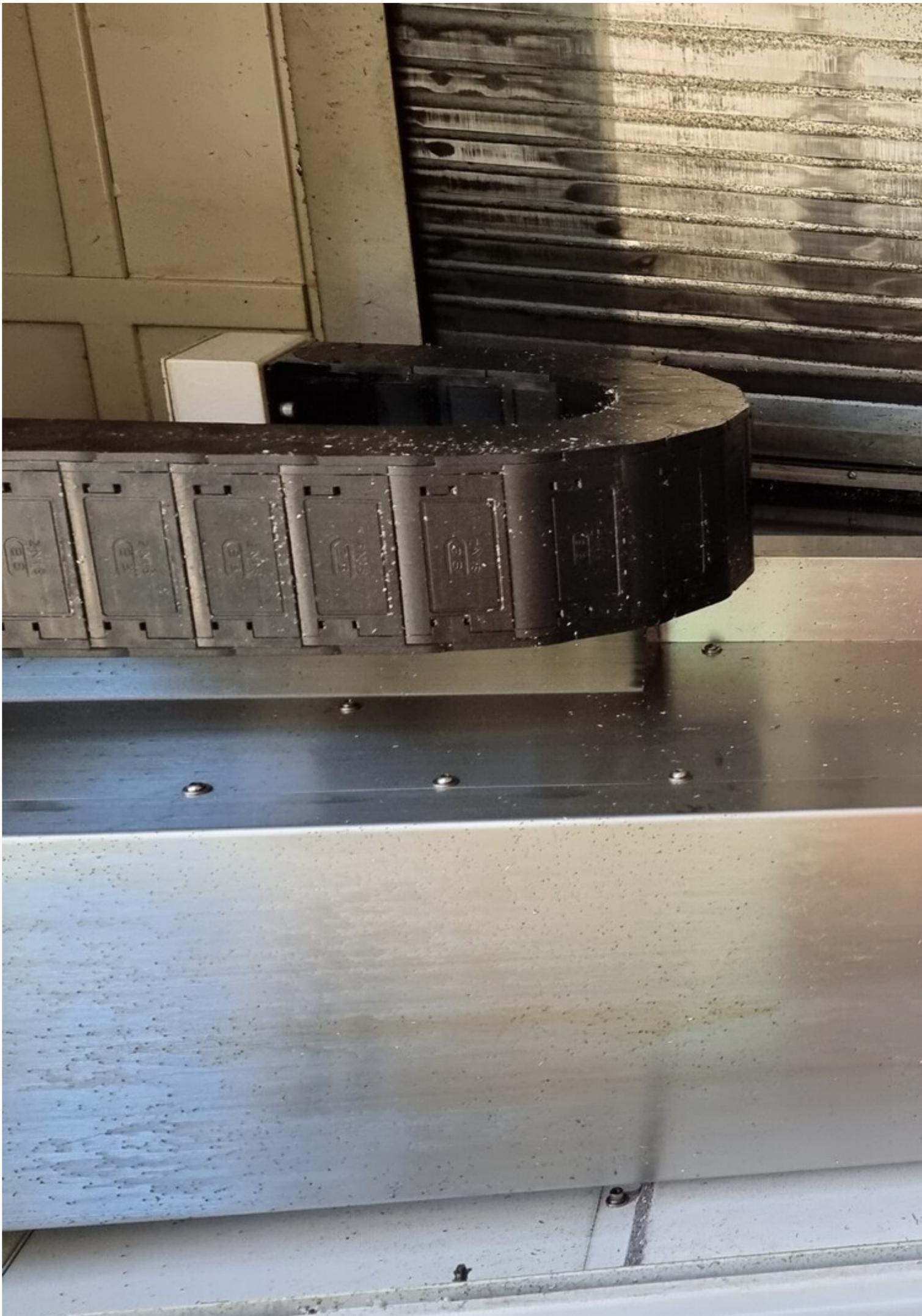
LITZ
LU 400



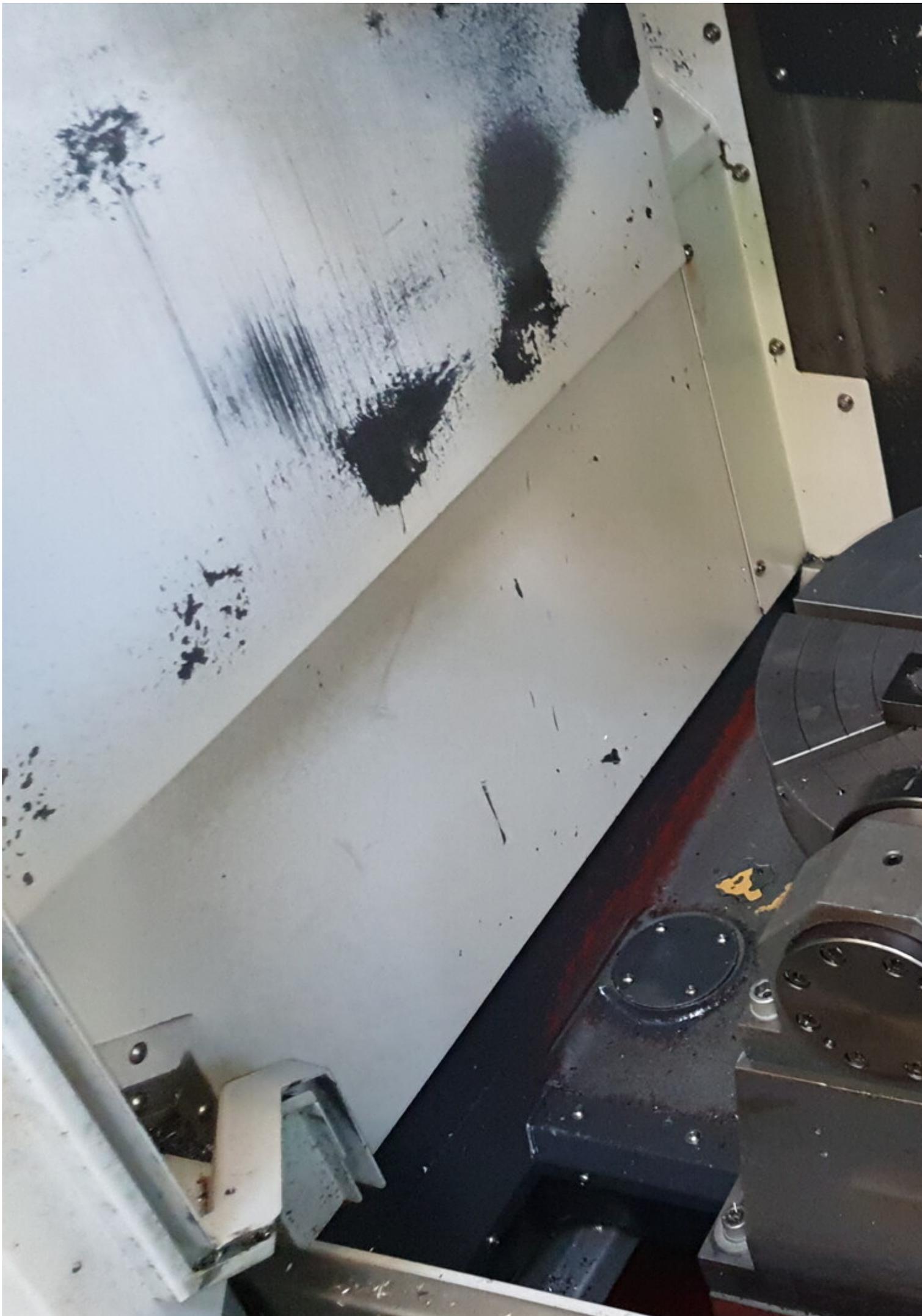


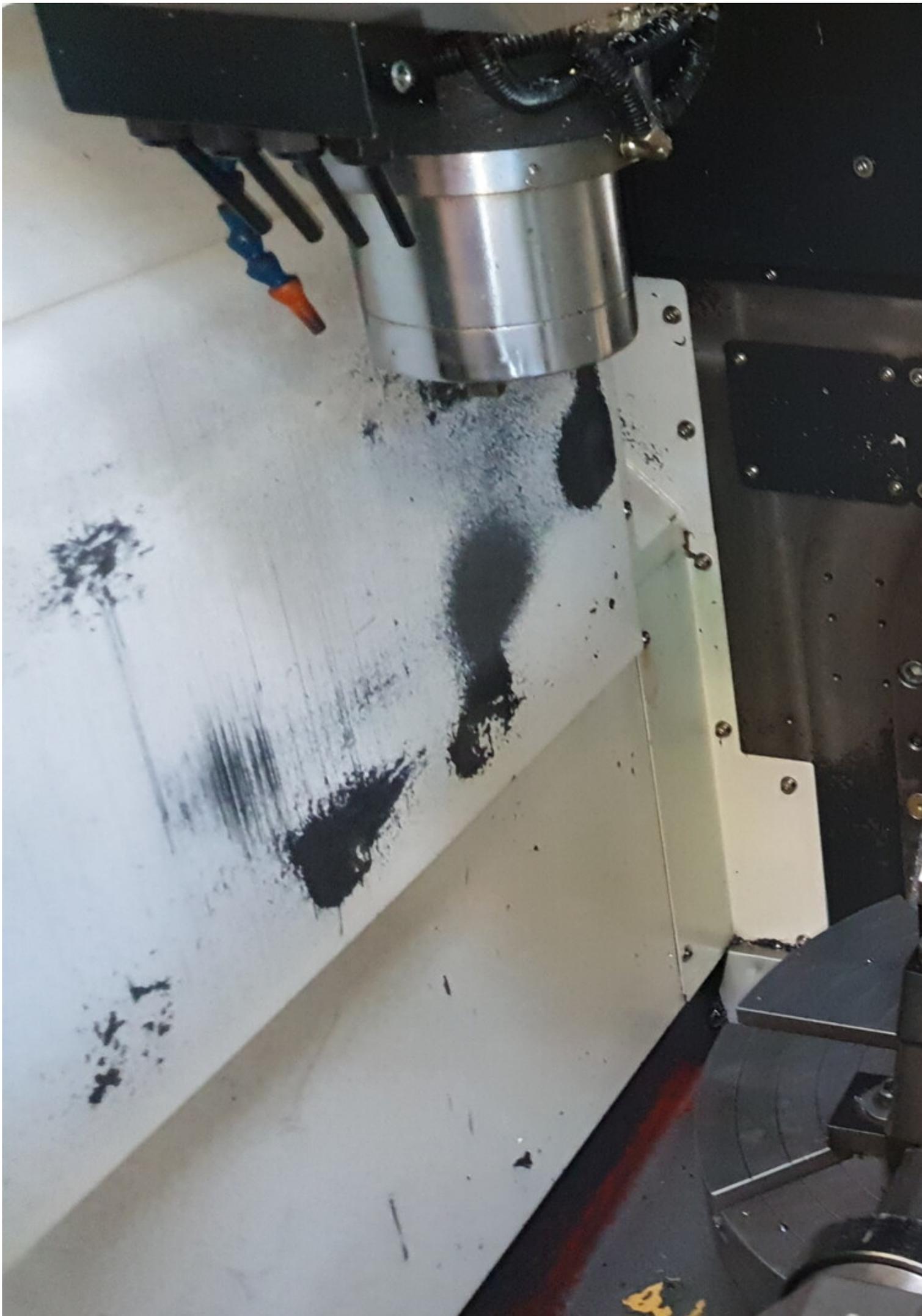
LEIDENHAIN





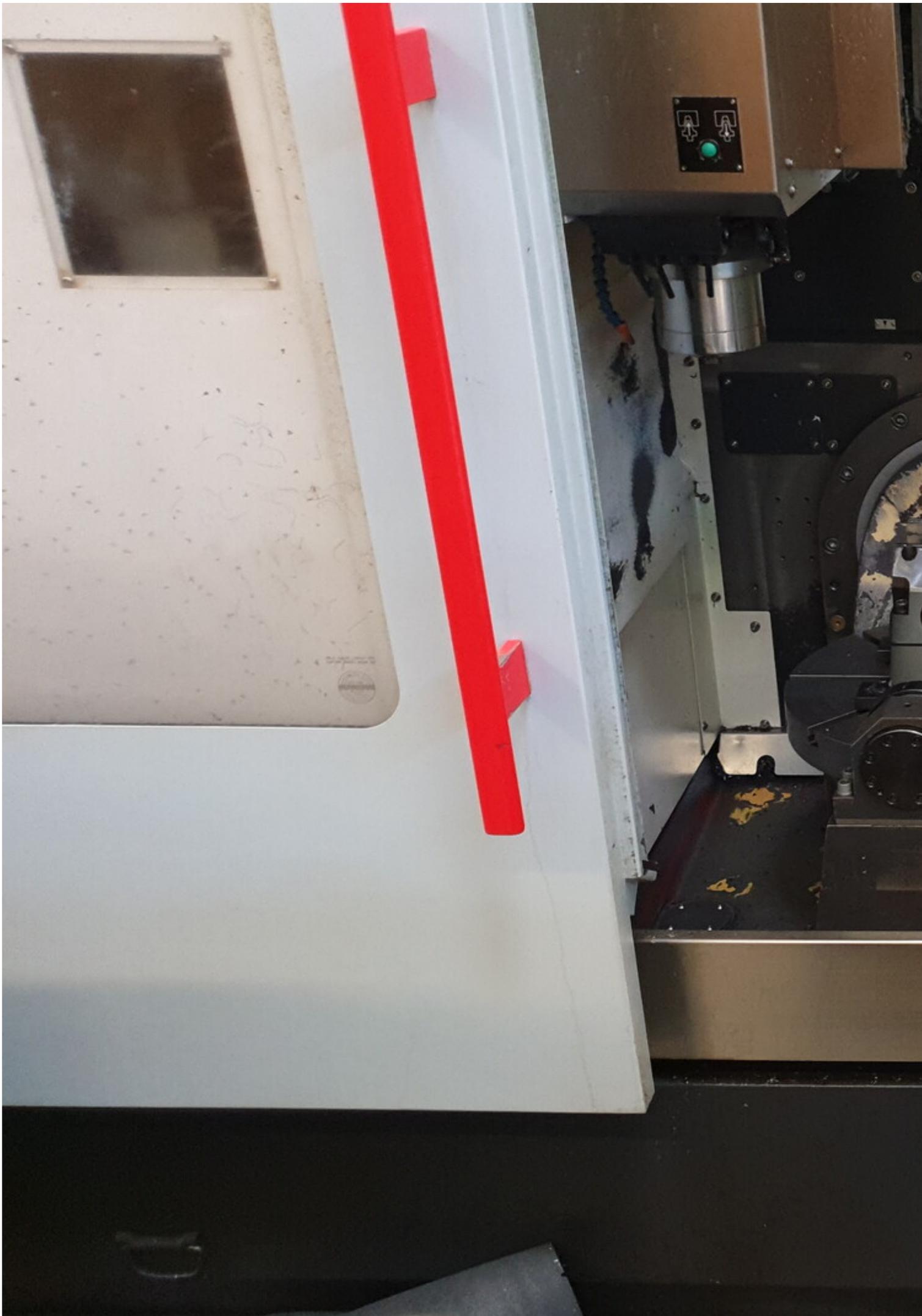












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5. Do not use the machine if you are not properly trained.
6. Do not use the machine if you are not wearing safety glasses.
7. Do not use the machine if you are not wearing a hard hat.
8. Do not use the machine if you are not wearing earplugs.
9. Do not use the machine if you are not wearing a dust mask.
10. Do not use the machine if you are not wearing a respirator.

UTZ

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1	1	PC	Aluminum
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4	1	PC	Steel
5	1	PC	Aluminum
6	1	PC	Steel
7	1	PC	Aluminum
8	1	PC	Steel
9	1	PC	Aluminum
10	1	PC	Steel

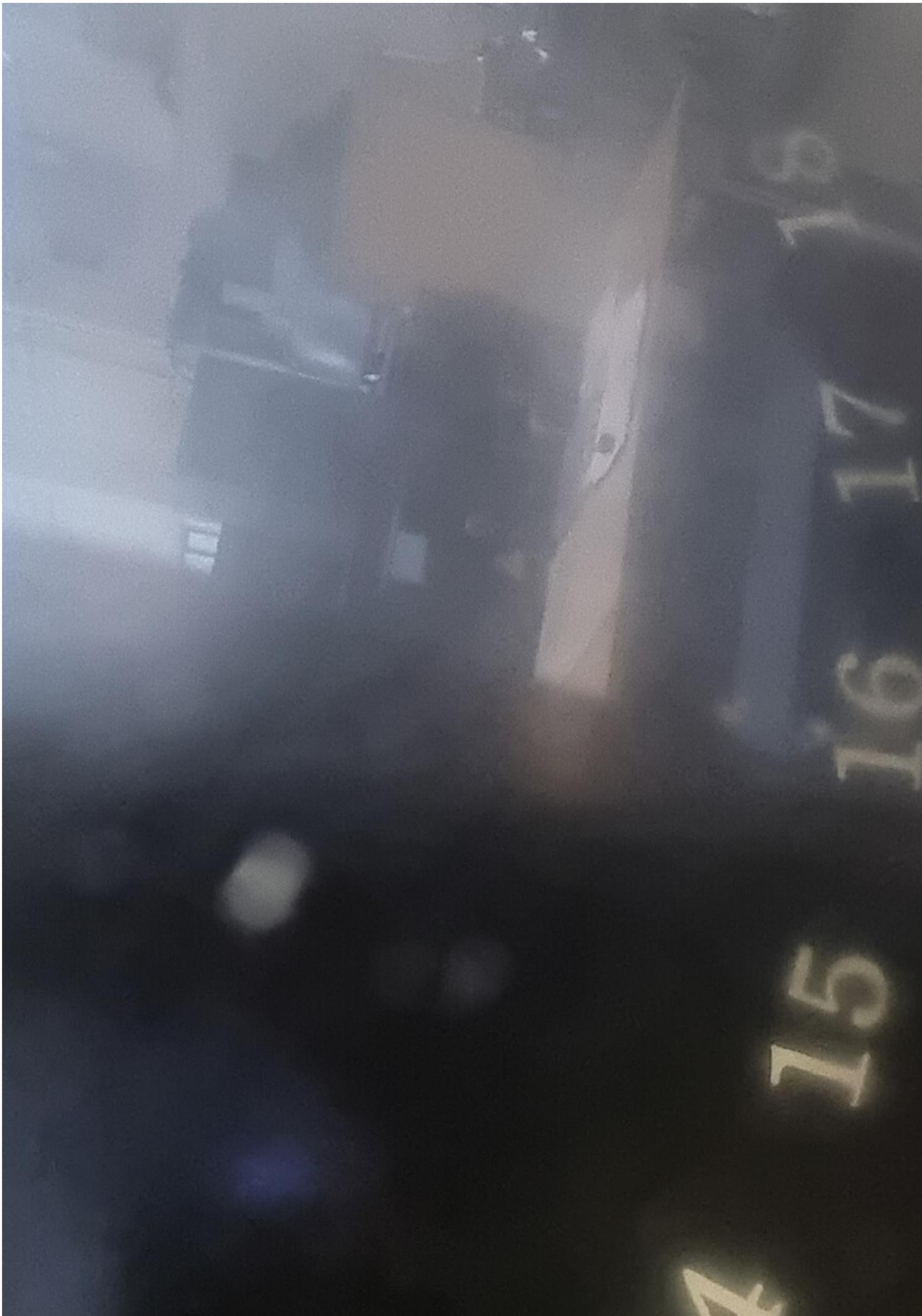












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GT

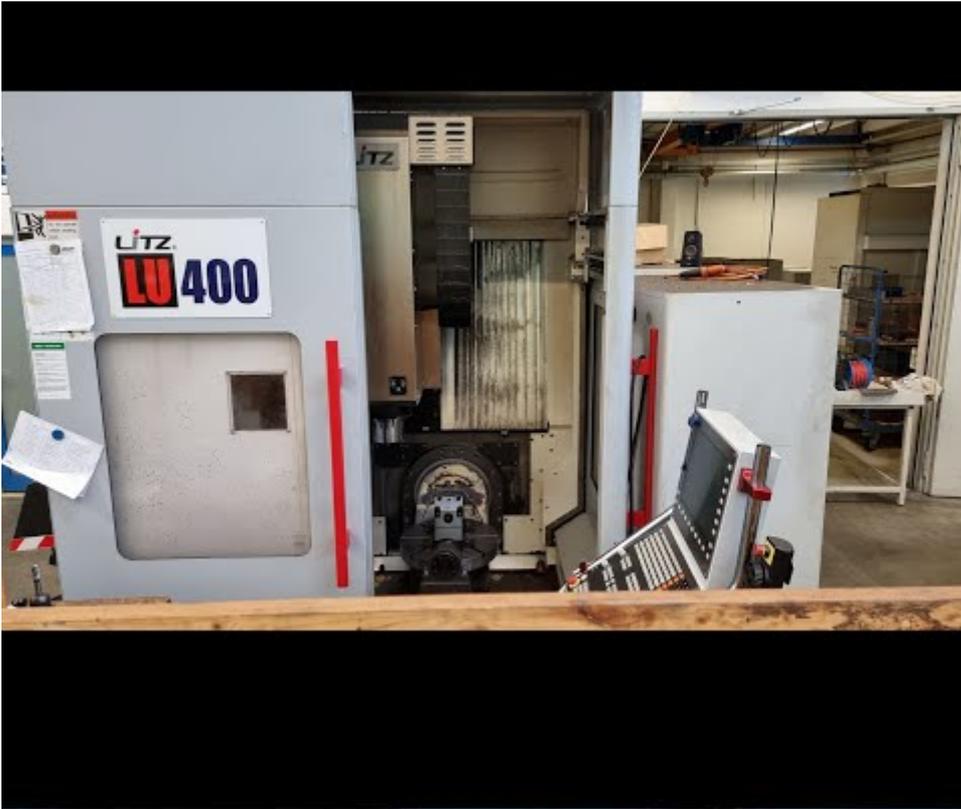
16
GT

17

18



Video:





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