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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
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- 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 %](#)

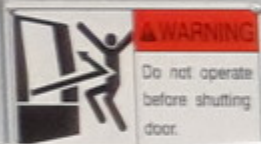
Buyers Premium:

[16 %](#)

Location:

Germany

Images:



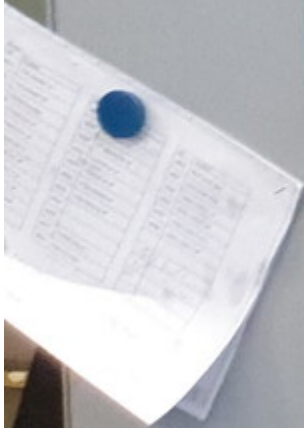
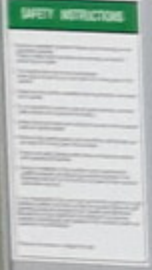
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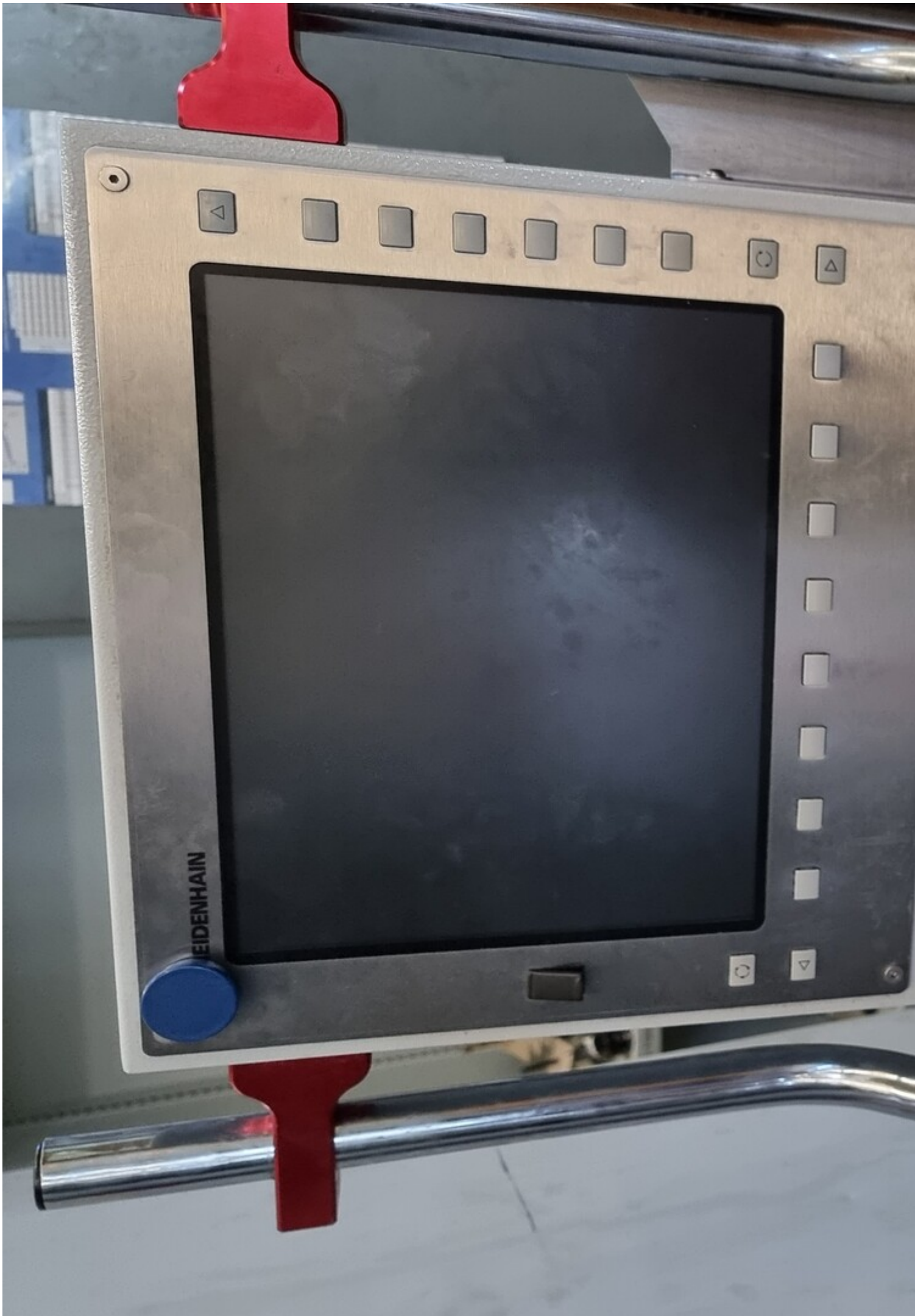
Do not operate
before shutting
door.



LITZ[®]

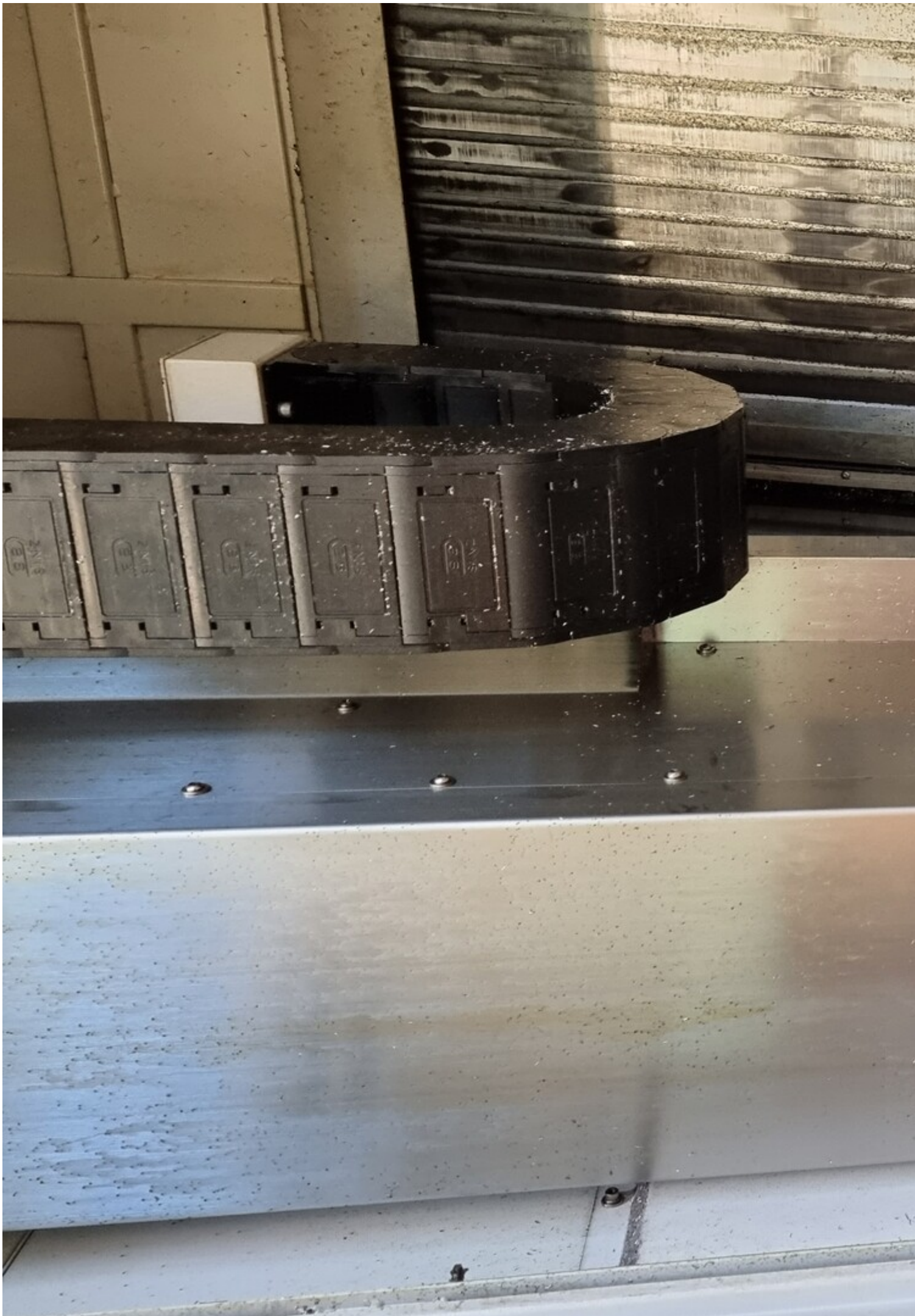
LU 400



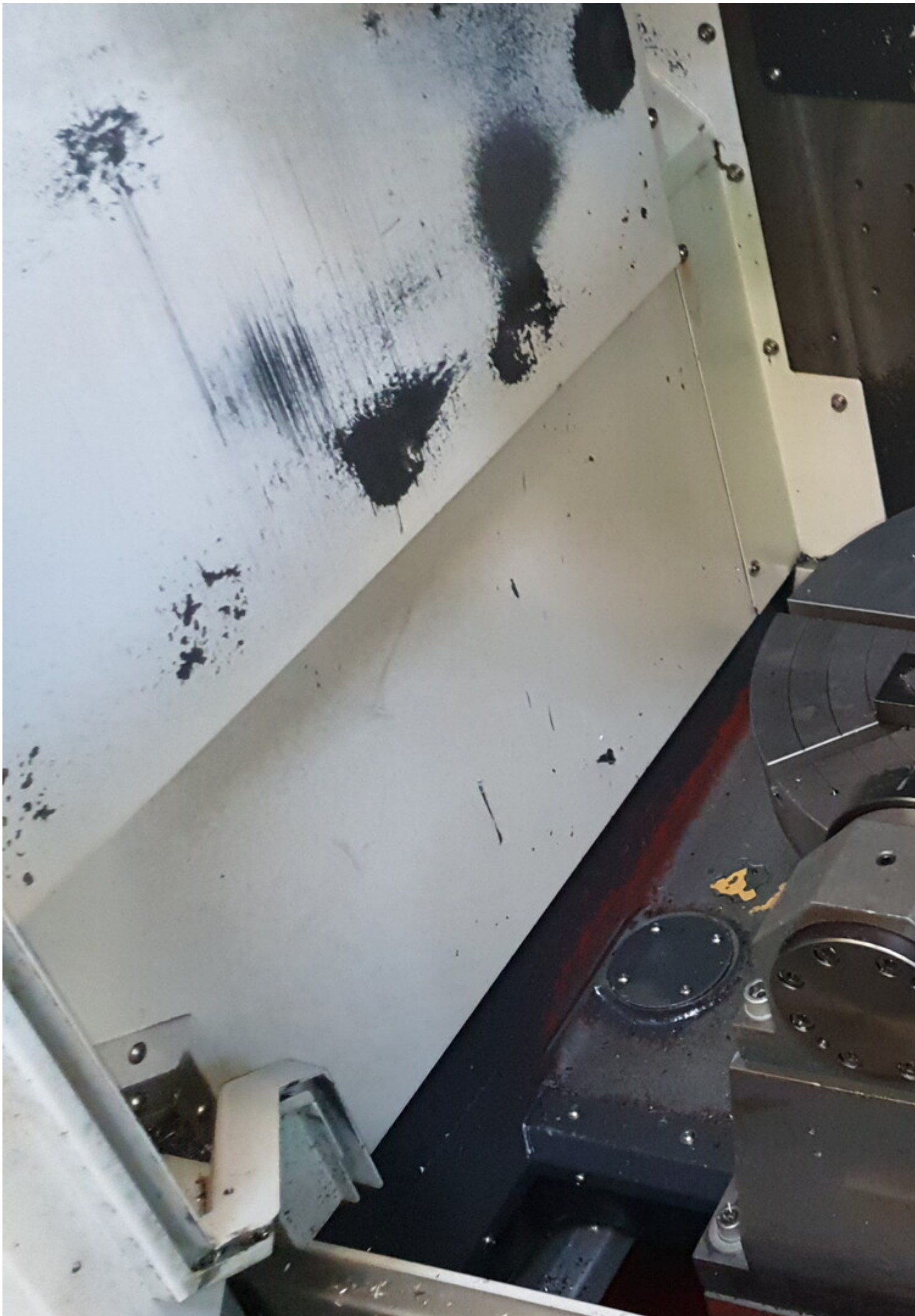


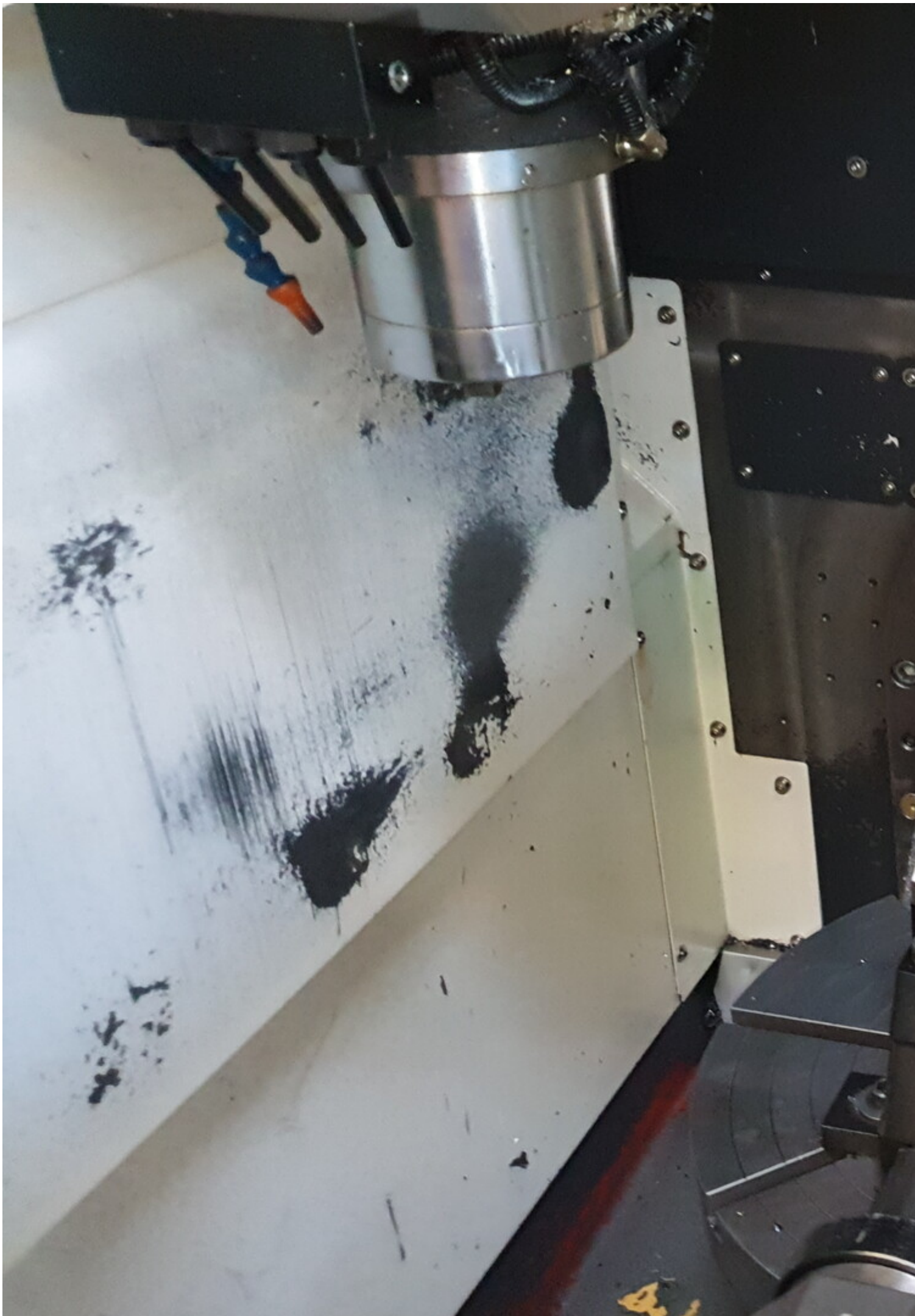
LEIDENHAIN

















SAFETY INSTRUCTIONS

1. Read the instructions carefully before using the machine.
2. Do not touch the moving parts of the machine.
3. Do not wear loose clothing or jewelry.
4. Do not drink alcohol or use drugs before operating the machine.
5. Do not operate the machine if you are tired or stressed.
6. Do not operate the machine if you are under the influence of alcohol or drugs.
7. Do not operate the machine if you are not qualified to do so.
8. Do not operate the machine if you are not wearing the required safety equipment.
9. Do not operate the machine if you are not wearing eye protection.
10. Do not operate the machine if you are not wearing hearing protection.
11. Do not operate the machine if you are not wearing a hard hat.
12. Do not operate the machine if you are not wearing safety shoes.
13. Do not operate the machine if you are not wearing a safety harness.
14. Do not operate the machine if you are not wearing a fall arrest system.
15. Do not operate the machine if you are not wearing a life jacket.
16. Do not operate the machine if you are not wearing a life preserver.
17. Do not operate the machine if you are not wearing a life ring.
18. Do not operate the machine if you are not wearing a life buoy.
19. Do not operate the machine if you are not wearing a life raft.
20. Do not operate the machine if you are not wearing a life boat.

Utz

Item	Quantity	Unit	Material	Spec.	Notes
1	1	PC	Aluminum	6061-T6	
2	1	PC	Aluminum	6061-T6	
3	1	PC	Aluminum	6061-T6	
4	1	PC	Aluminum	6061-T6	
5	1	PC	Aluminum	6061-T6	
6	1	PC	Aluminum	6061-T6	
7	1	PC	Aluminum	6061-T6	
8	1	PC	Aluminum	6061-T6	
9	1	PC	Aluminum	6061-T6	
10	1	PC	Aluminum	6061-T6	
11	1	PC	Aluminum	6061-T6	
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13	1	PC	Aluminum	6061-T6	
14	1	PC	Aluminum	6061-T6	
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18	1	PC	Aluminum	6061-T6	
19	1	PC	Aluminum	6061-T6	
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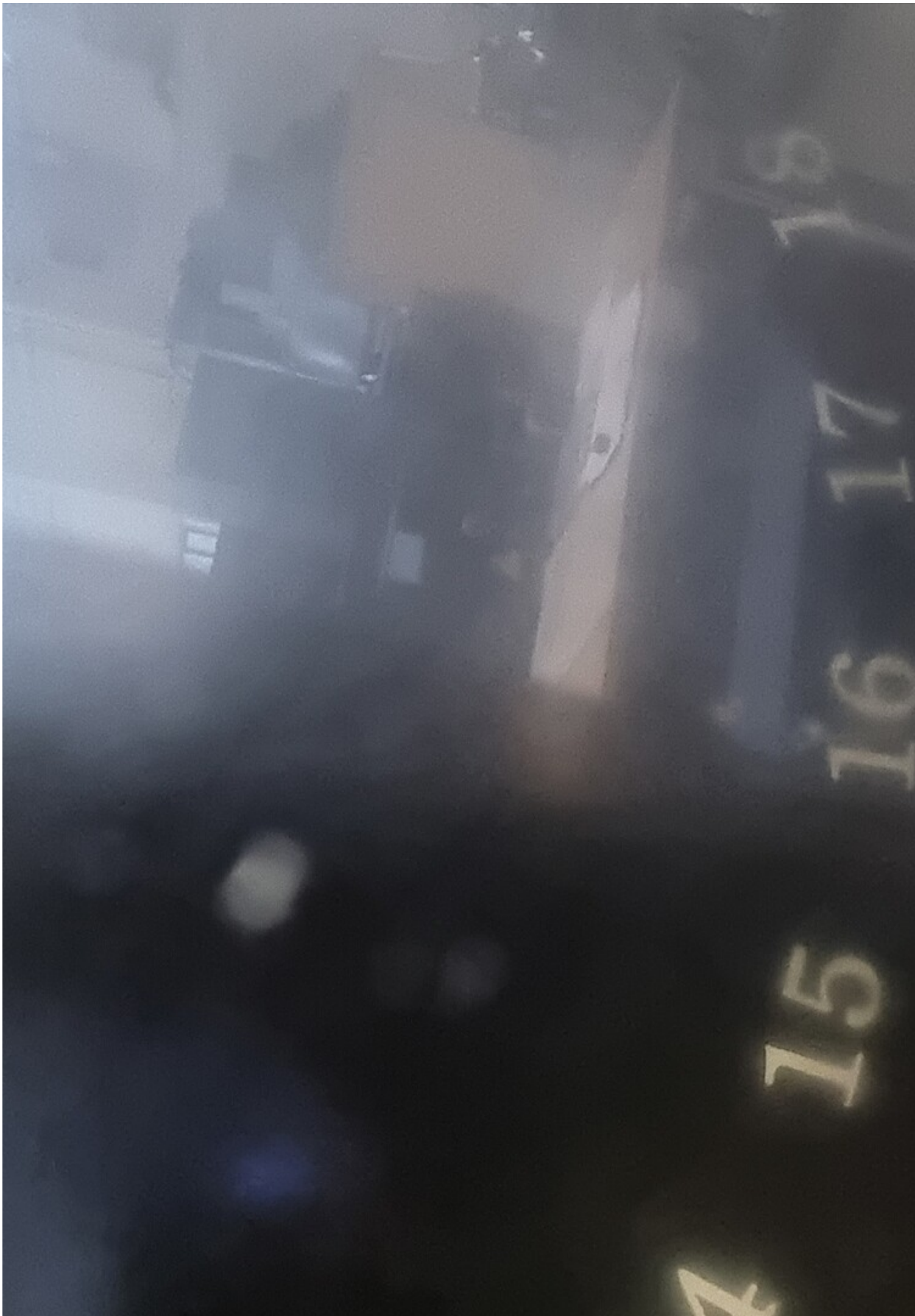






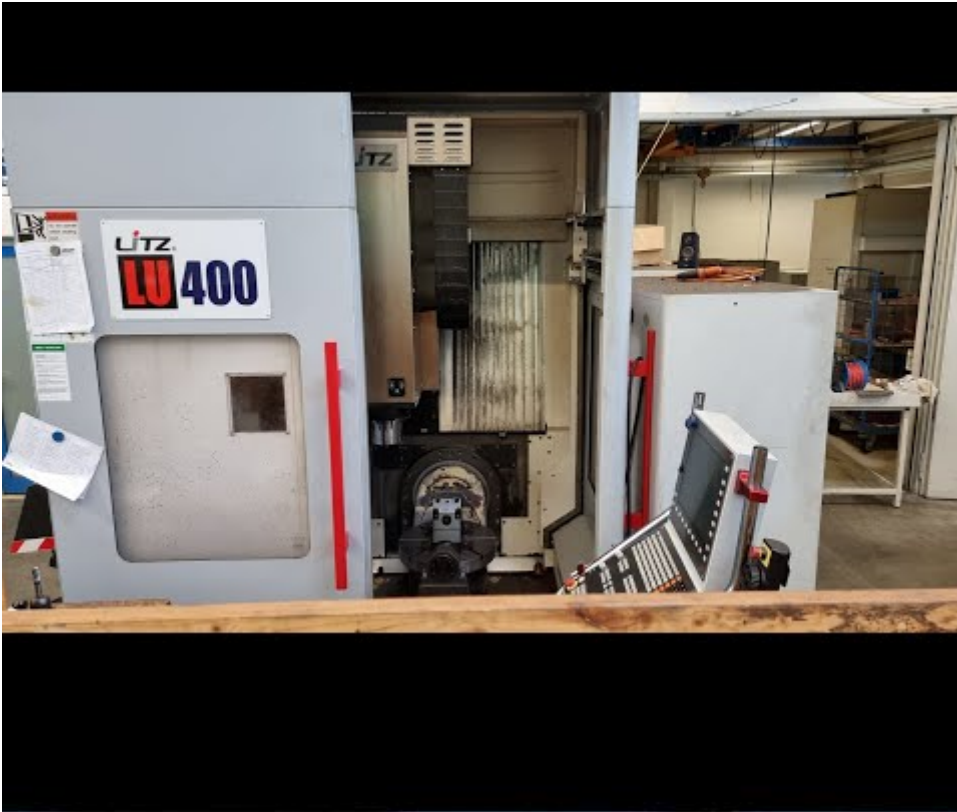








Video:





Asset-Trade

Assessment and Sale of Used Assets world wide

Am Sonnenhof 16

47800 Krefeld

Germany

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Fax.: +49 2151 65 29 22

Email: info@asset-trade.de

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

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

Images:



WARNING

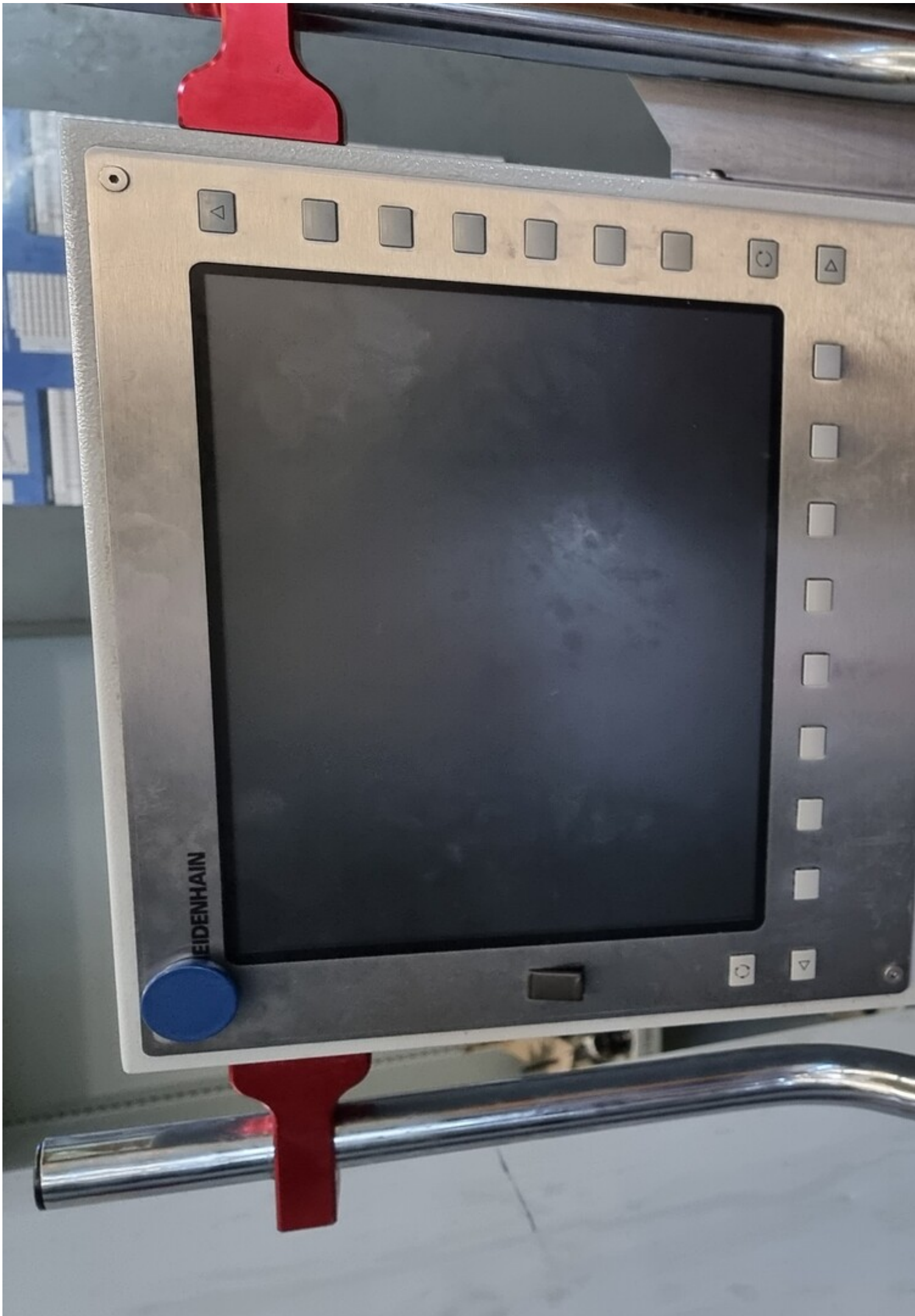
Do not operate before shutting door.

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

SAFETY INSTRUCTIONS
Detailed safety instructions for the machine, including operational and maintenance guidelines.

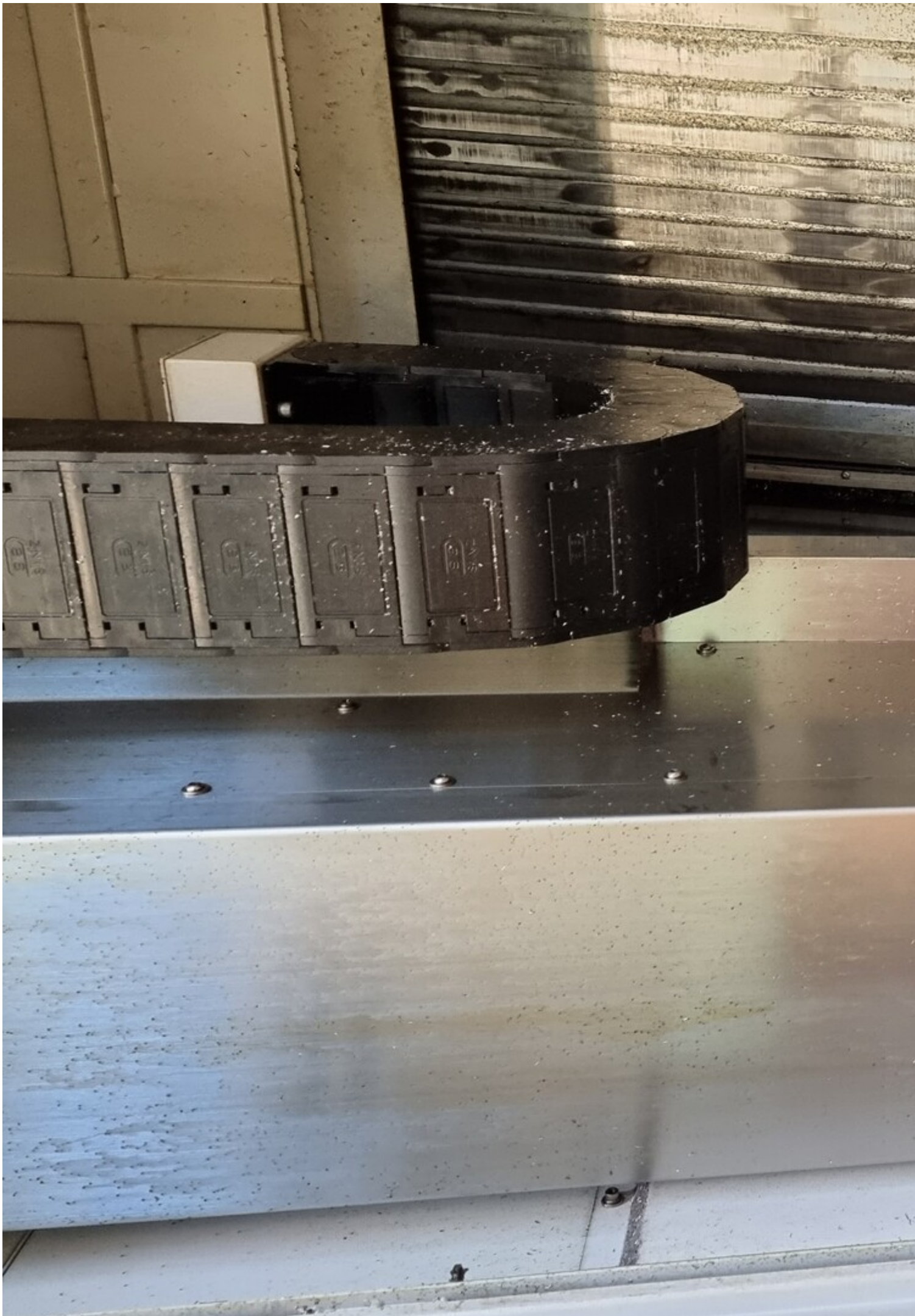
Additional technical or safety document, held in place by a blue fastener.



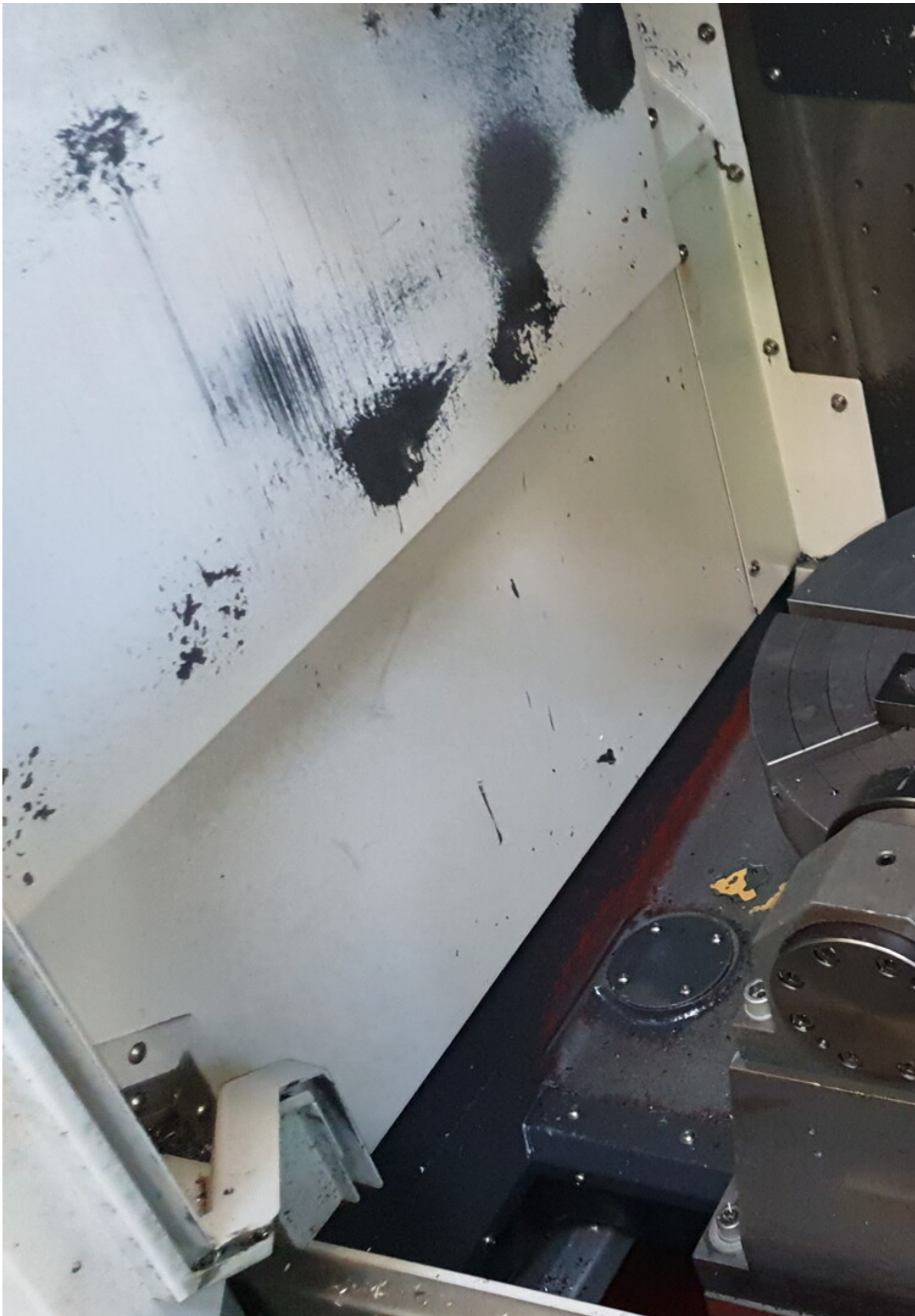


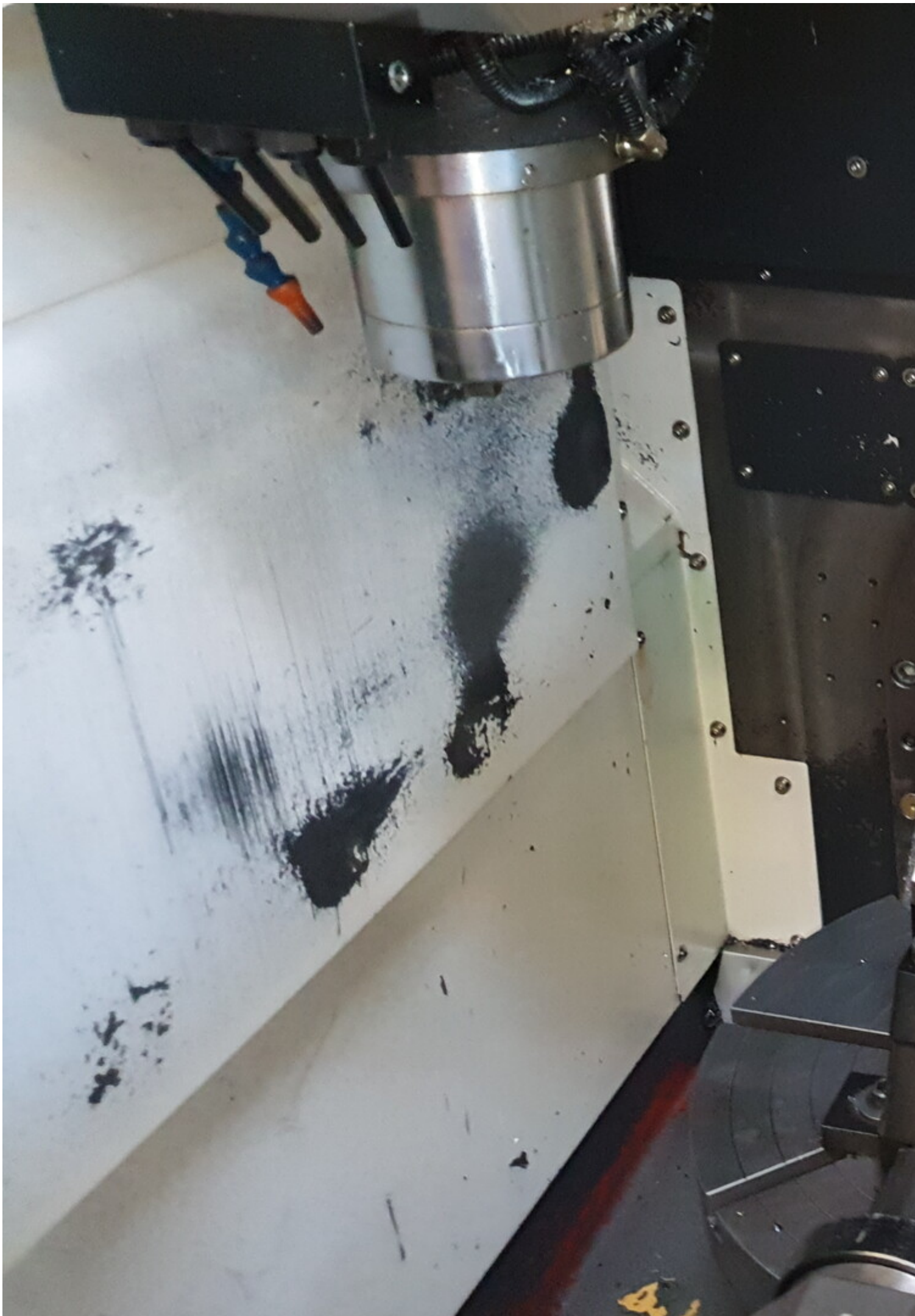
LEIDENHAIN

















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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 pair of shoes that are not suitable for work.
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UTZ

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18	1	PC	Aluminum
19	1	PC	Aluminum
20	1	PC	Aluminum







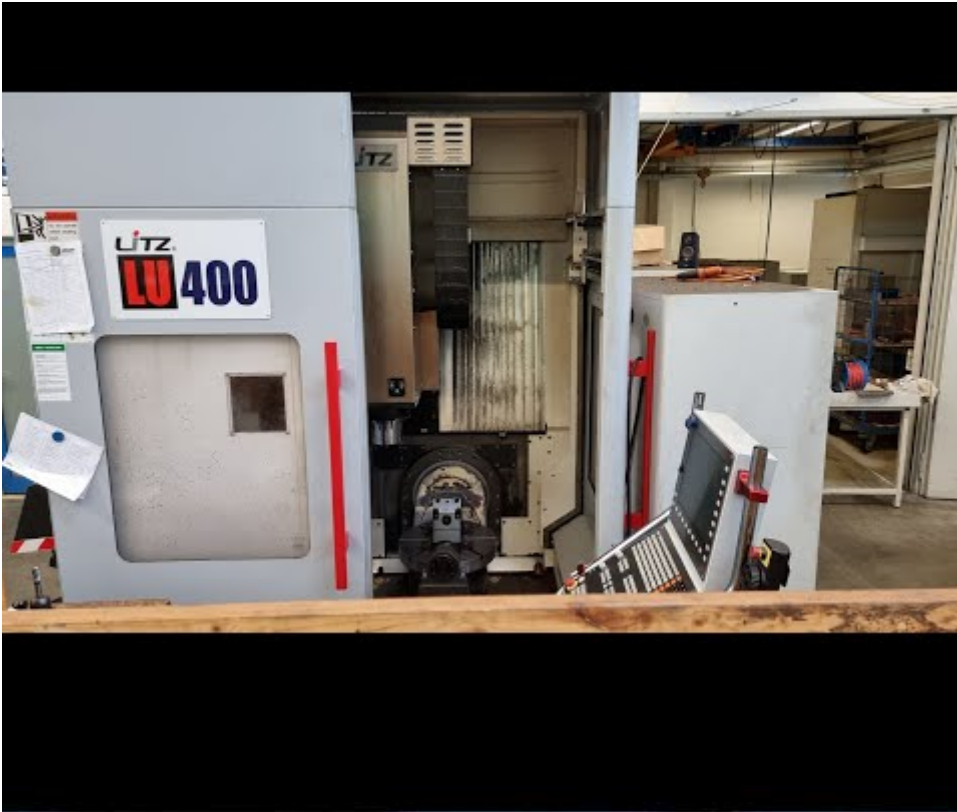








Video:





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