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Ref. No.:

1325-06241200

## Overview and Technical Data:

### **MAZAK VTC-800/30SR - 5 Axis Simultaneous**

**MAZAK**

Year of Build:  
Jan 2012

#### **Description:**

### **Used MAZAK VTC-800/30SR - vertical machining centre for 5-axis simultaneous machining**

CNC control 15" Mazatrol Matrix 2

Operating hours An 41.362 / Spindle 13.985 hours

Last repair on tool changer cable

Original spindle cover still available!

Availability by arrangement

## Technical data:

- Table:
  - Table width: 3500 mm / 137.800 in
  - Table length: 820 mm / 32.280 in
  - Maximum table load: 2,500KG / 5,500 lbs
  - Table configuration: T-slots: 7 x 18 mm
  - Distance: 100 mm
- Travel range
  - X-axis: 3000 mm / 118.10 in
  - Y-axis: 800 mm / 31.50 in
  - Z-axis: 720 mm / 28.35 in
  - B-axis (automatic swivel head): +/- 110 °
  - C-axis NC table: (0.001°)
- Spindle
  - Work spindle: Max. Speed: 18,000 min<sup>-1</sup>
  - Motor power: 35 kw / 47.0 hp
  - Torque: max 168 Nm
  - High pressure coolant through spindle: 70 bar
  - Distance spindle nose and table 140 - 860 mm
- Feed rates:
  - Rapid traverse speed X-axis: 50 m/min
  - Rapid traverse rate Y-axis: 50 m/min
  - Rapid traverse speed Z-axis: 50 m/min
- Tool changer:
  - Number of tool places: 48x
  - Tool shank: Steep taper SK40 DIN 69871A
  - Tool diameter: max 80 Mn
  - Tool length (from spindle nose): max 350 Mm
  - Tool weight: max 8 KG
- NC rotary table:
  - Table diameter: 500 mm
  - max. table load hor.: 700 kg
  - rotatable C: 360 °
  - table speed: 25 min/-1
  - weight: 550 kg
- Tool length measurement and tool breakage detection
- Chip conveyor
- Signal lamp (3 colours)
- Rated power: 90 kva
- Dimensions: Length: 5,250 mm / Width: 4,046 mm / Height : 3,330 mm

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The Mazak VTC 800/30 SR vertical machining centre features a high-speed 40-taper spindle, a tilting spindle head (B-axis), a full travelling column and a fixed table for machining extremely long and heavy workpieces. With an optional table partition, the long machine table can be converted into two separate work areas. The roller gear swivel head offers improved accuracy and repeatability due to its backlash-free design, which enables the machining of complex features and contours. These features provide excellent machining capacity for a wide variety of workpieces.

Thanks to the additional axis, machining processes can be significantly reduced and productivity increased. In combination with a rotary table, 5-axis simultaneous machining is possible. The machine also offers high rapid traverse speeds to reduce non-productive times.

The VTC-800/30SR is designed to meet the diverse and extensive requirements of high-performance, flexible and precise manufacturing applications in the best possible way. With its axis travels of 3,000 mm (X-axis), 800 mm (Y-axis) and 720 mm (Z-axis), the VTC 800/30SR has excellent machining capabilities for a wide range of workpieces.

±110°B-axis swivel head enables machining of any angle, including vertical, horizontal and inclined surfaces

High performance 18000min-1(rpm) spindle for machining aluminium and steel

Flexible 3500mm X 820mm long table suitable for long workpieces, multi-piece machining and as a replacement for 2 pallet changers

The new Serie VTC offers such flexibility for 3-, 4- and 5-axis machining that you can supply virtually any industry with the highest quality precision parts it produces - quickly, reliably and competitively.

## **Technical Data:**

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Control:

CNC

Machine Hours:

41.362 hrs.

Spindle Hours:

13.985 hrs.

Spindle Speed:

18.000 rpm

Tool Holder:

SK40

Tool Capacity:

48 x

## **Travels:**

X-Axis:

3.000 mm

Y-Axis:

800mm

Z-Axis:

720 mm

## **Dimensions and Weight:**

Height:

3.330 mm

Width:

4.046 mm

Length:

5.250 mm

Weight:

16.300 kg

## **Buyer Information:**

Condition:

Very good condition

Availability:

Sold

Sold as:

EXW (Ex Works - Incoterm)

VAT:

19 %

Buyers Premium:

18 %

Location:

Germany

**Mazak**

VTC-800/30SP



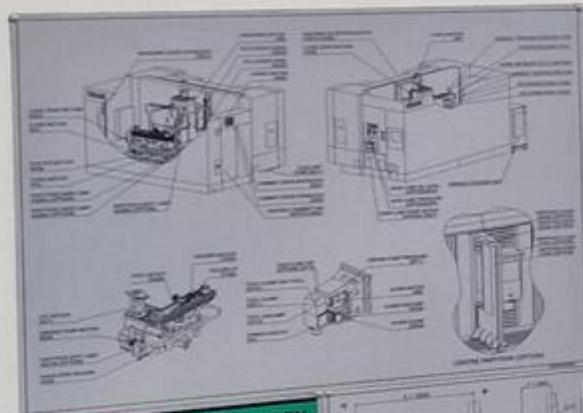


# Mazak

VTC-800/30SR

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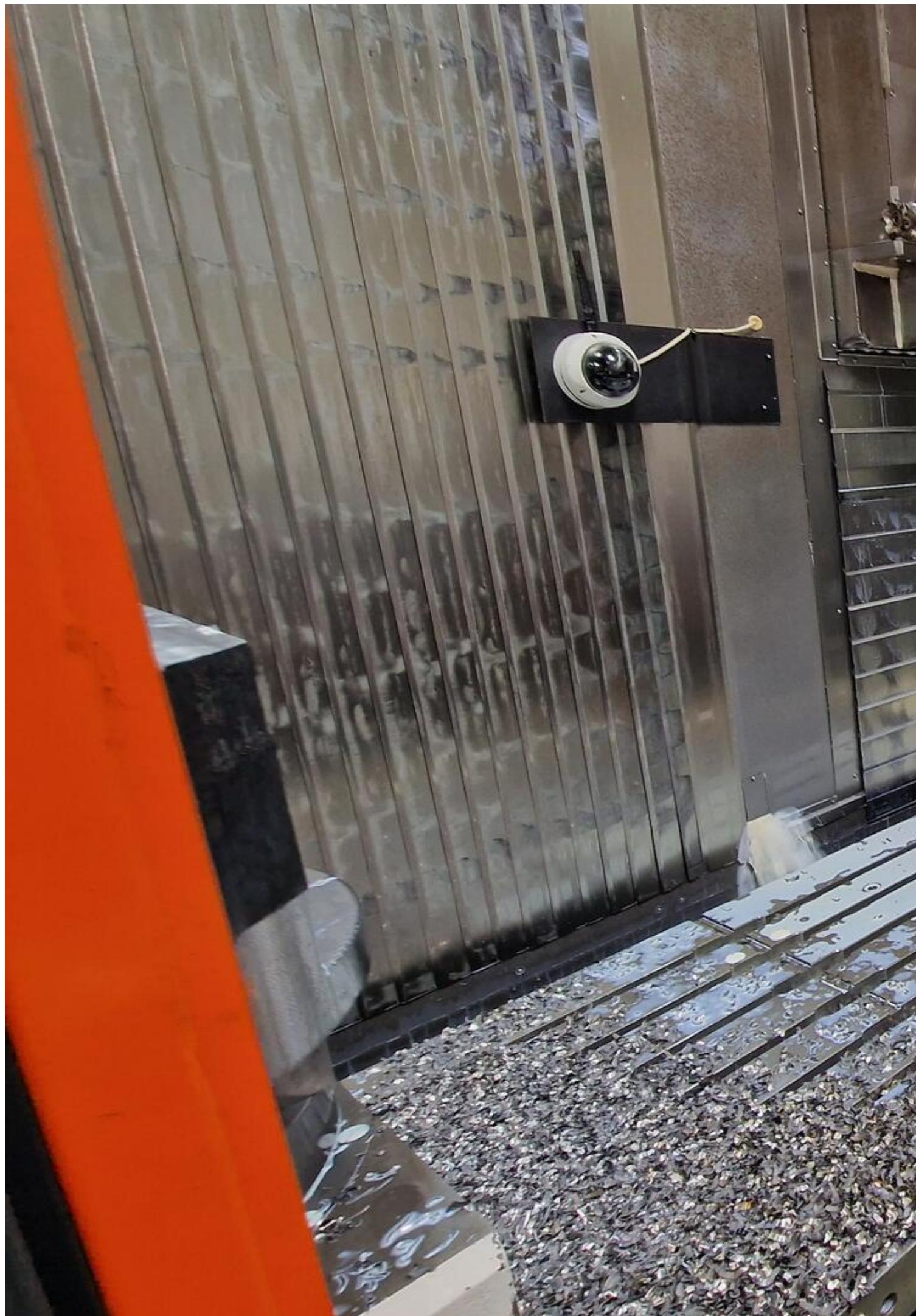


#### SICHERHEITSAUFWISSENGEN

1. Vor Ablauf einer der Maschine MAZAK Bedienungsanleitung lesen und alle Anweisungen an der Maschine beachten. Die Maschine darf nur von Personen bedient werden, die die Anweisungen der Maschine und deren Verwendung von einem Fachmann erlernt haben.
2. Dieses Maschinenmodell darf unter keinen Umständen ohne die Maschine zu bedienen.
3. Maschine MAZAK nicht ohne Bedienungstelefon per Telefon bedienen.
4. Maschine MAZAK nicht anderen Personen als Bedienung überlassen.
5. Sicherheitsanweisungen und Maschinenanleitung nicht auswendig lernen.
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9. Bei Anwendung von anderen Maschinen ist die Sicherheitsanweisung und Bedienungsanleitung dieser Maschine zu beachten.
10. Maschine MAZAK nicht ohne Bedienungstelefon ausführen, nach den Anweisungen der Maschine MAZAK ausführen, die Maschine MAZAK nicht ohne Bedienungstelefon ausführen, die Maschine MAZAK nicht ohne Bedienungstelefon ausführen.



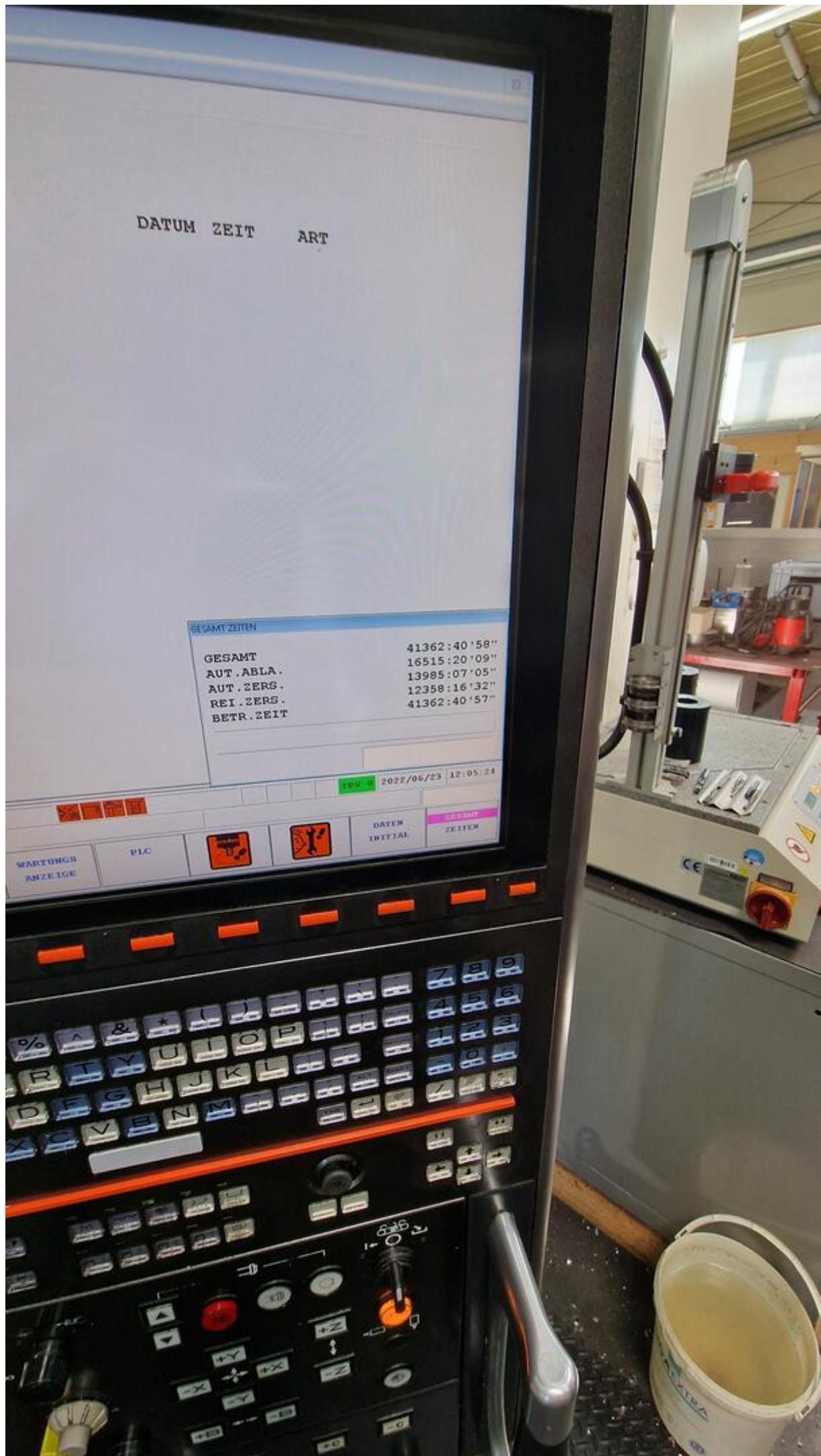








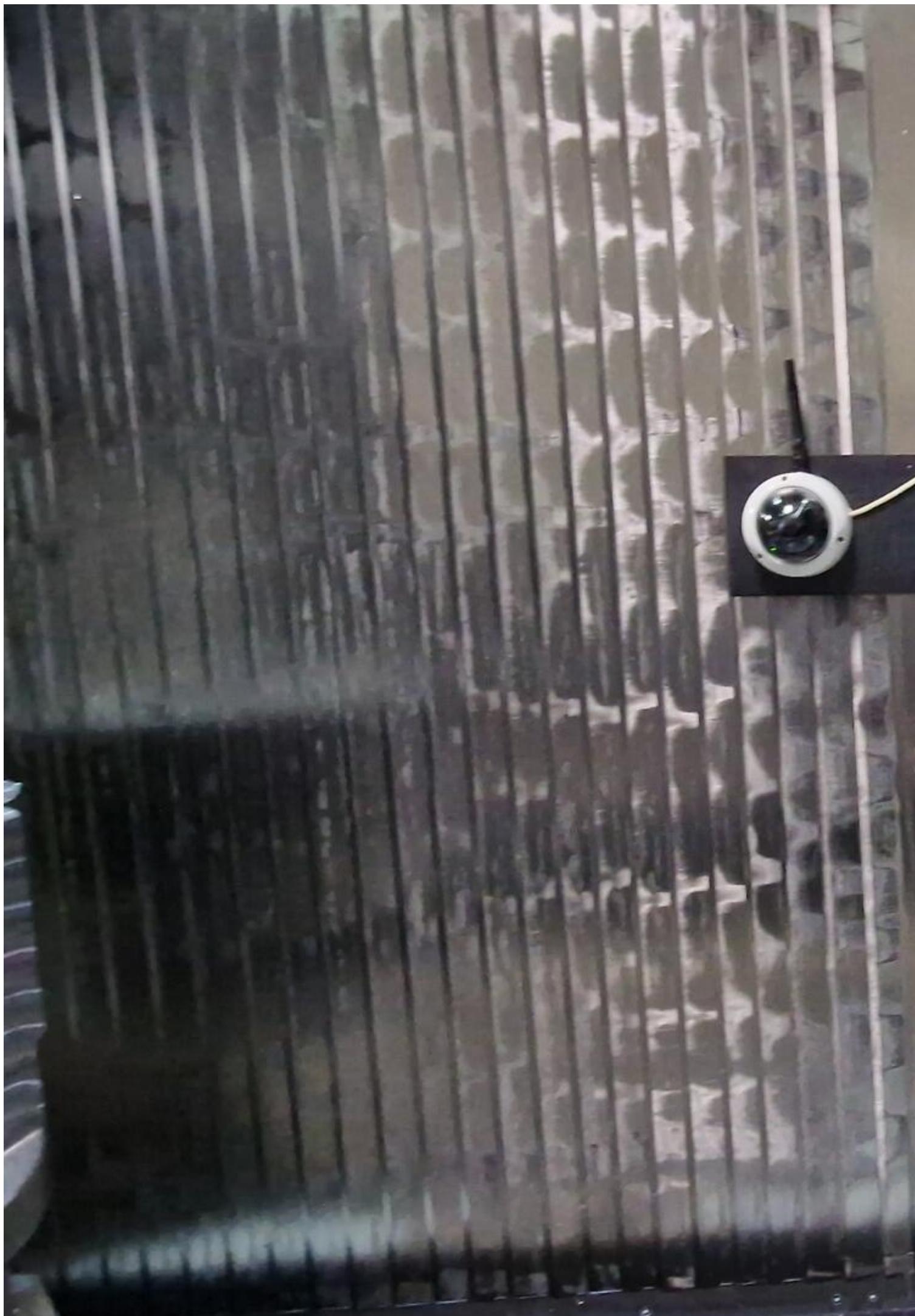








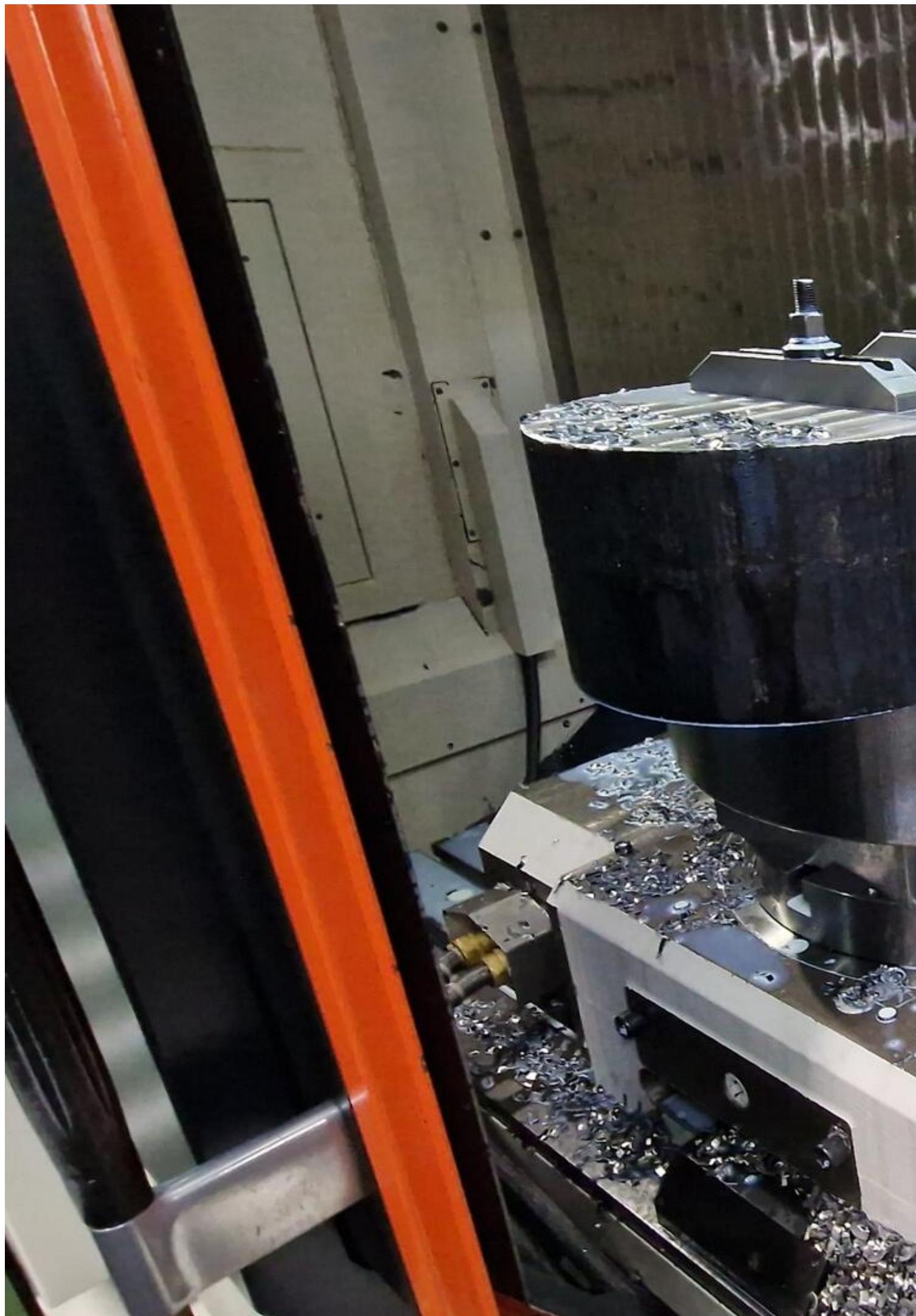












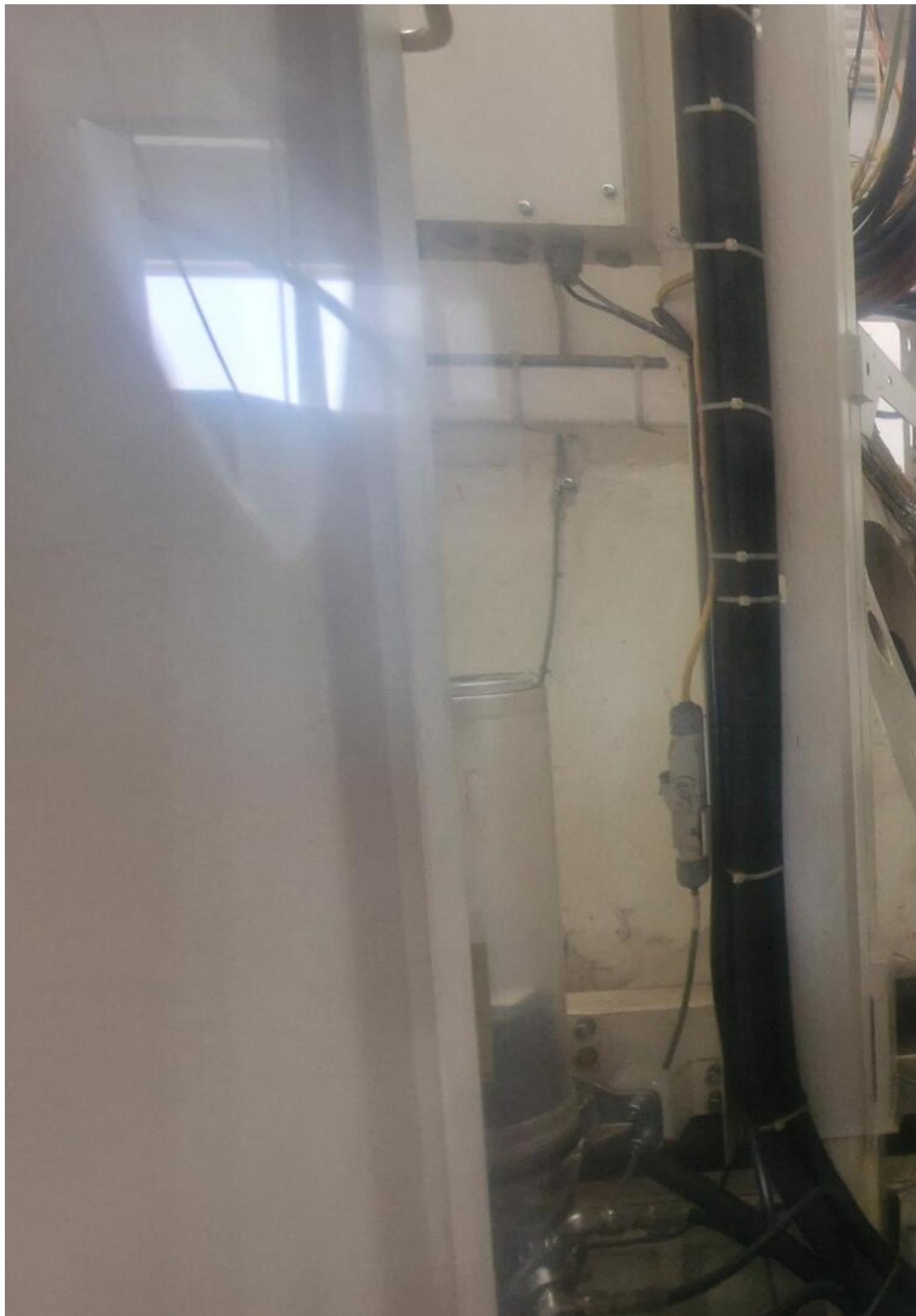




































**Video:**



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## Buyer Information:

Condition:

Very good condition

Availability:

Sold

Sold as:

EXW (Ex Works - Incoterm)

VAT:

19 %

Buyers Premium:

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Location:

Germany

**Mazak**

VTC-800/30SP



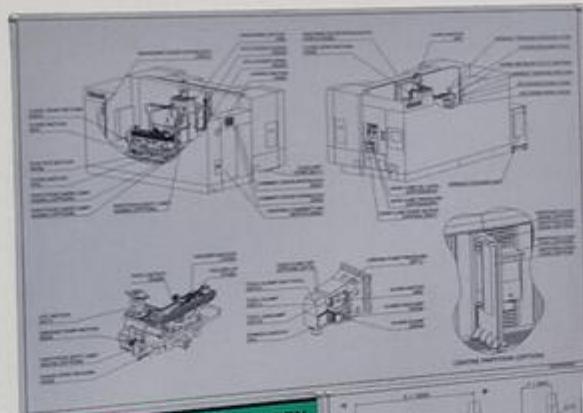


# Mazak

VTC-800/30SR

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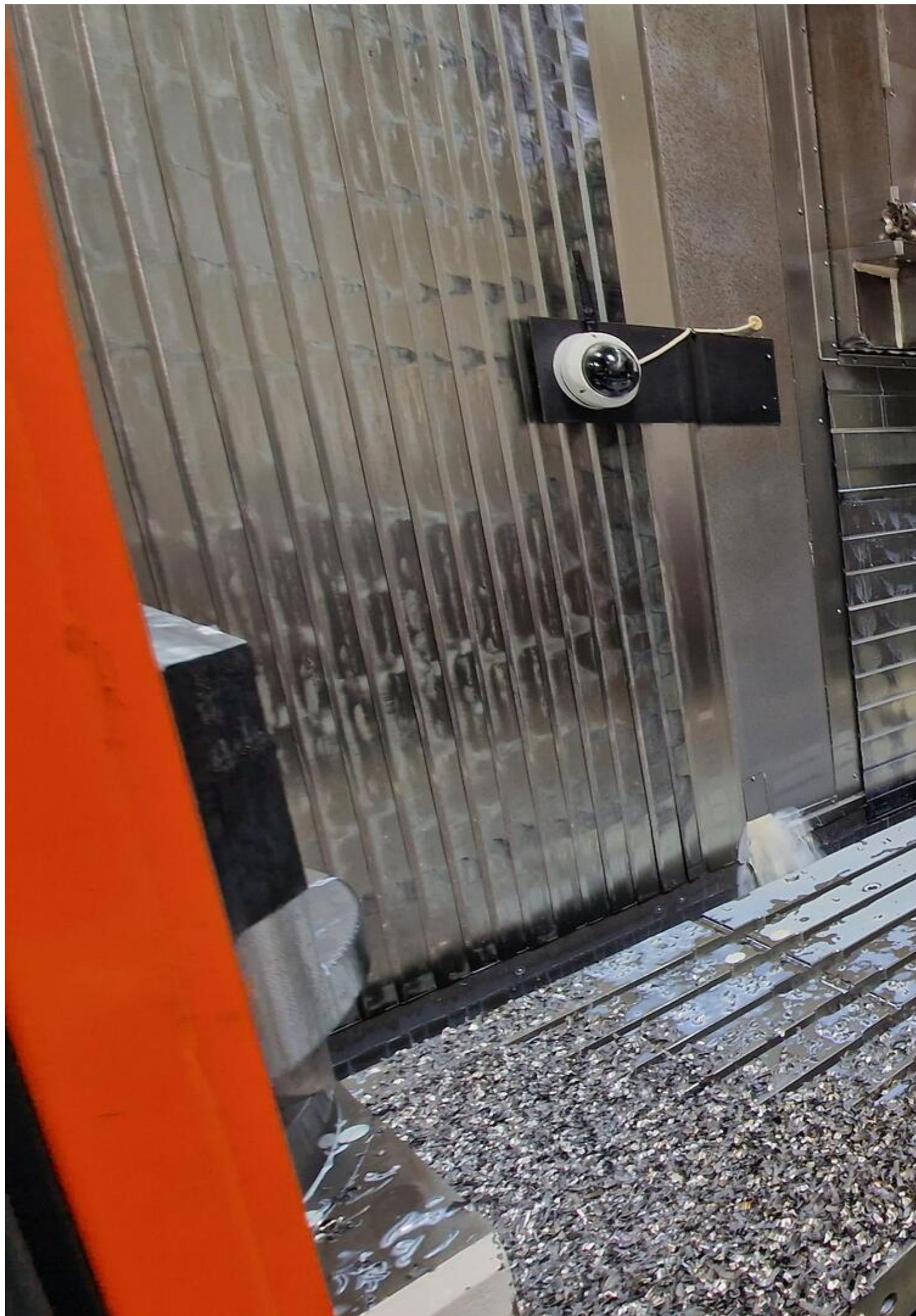
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2. Diese Maschine darf nur von qualifizierten Personen bedient werden.
3. Maschine nur nach den Anweisungen des Spindel Antriebs und der Spindel Antriebsanleitung bedienen.
4. Maschine nicht mit anderen Zuliefersparten verbinden.
5. Sicherheitsanweisungen und Maschinenanleitung nicht abändern.
6. Sicherheitsanweisungen und Maschinenanleitung nicht auswischen.
7. Entfernen Sie niemals Schrauben, Bolzen und andere Teile der Maschine, die nicht von einem Fachmann angebracht wurden.
8. Sie müssen die Anweisungen des Spindel Antriebs und der Spindel Antriebsanleitung beachten.
9. Bei Anwendung von anderen Maschinen müssen die Sicherheitsanweisungen und Maschinenanleitung verfolgt werden.
10. Maschinenanleitung und Sicherheitsanweisungen dieser Maschine müssen von einem Fachmann abgelesen werden, bevor die Maschine in Betrieb genommen wird. Die Maschine darf nur von einem Fachmann bedient werden, nach den Anweisungen der Maschine MAZAK Bedienungsanleitung und der Spindel Antriebsanleitung bedient werden.

Der Anwendung und Bedienung ist sehr empfohlen, dass die Maschine von einem anderen Fachmann bedient wird, der die Maschine in einem anderen Betrieb benutzt. Wartungsarbeiten sowie Reparaturen müssen von einem Fachmann durchgeführt werden. Der Maschinenhersteller ist nicht verantwortlich für die Verantwortung, dass die Maschine in einem anderen Betrieb benutzt wird.



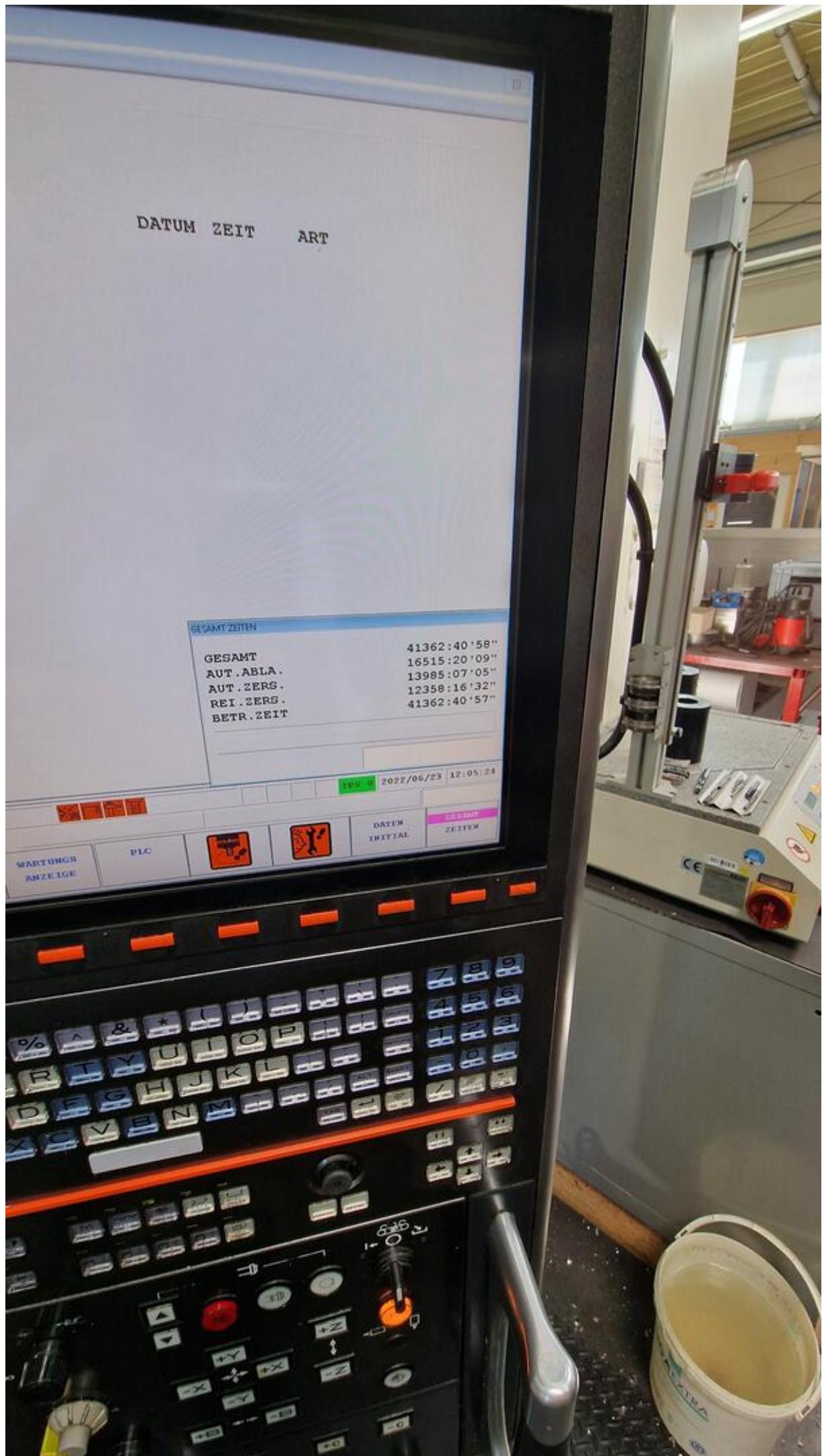




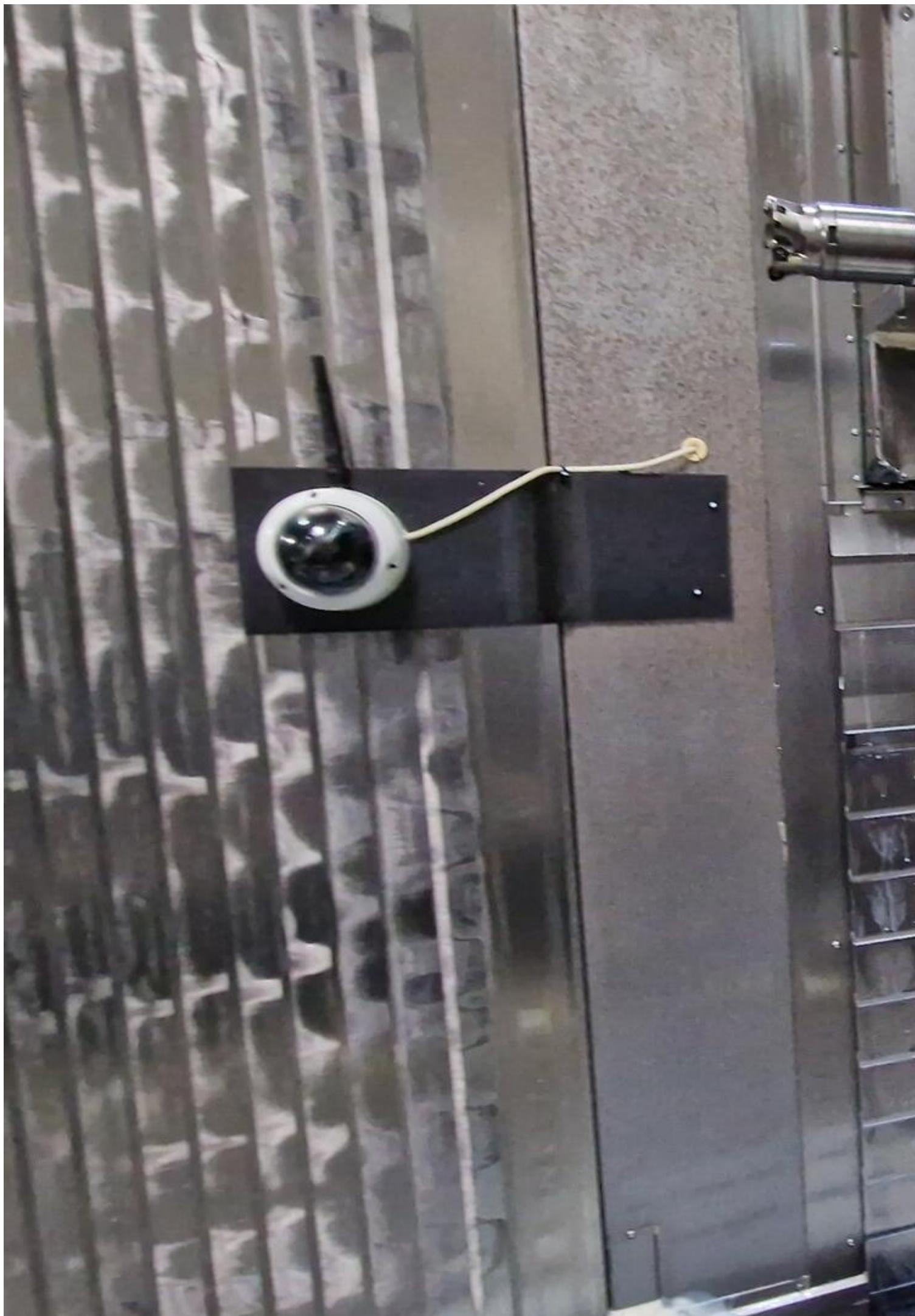




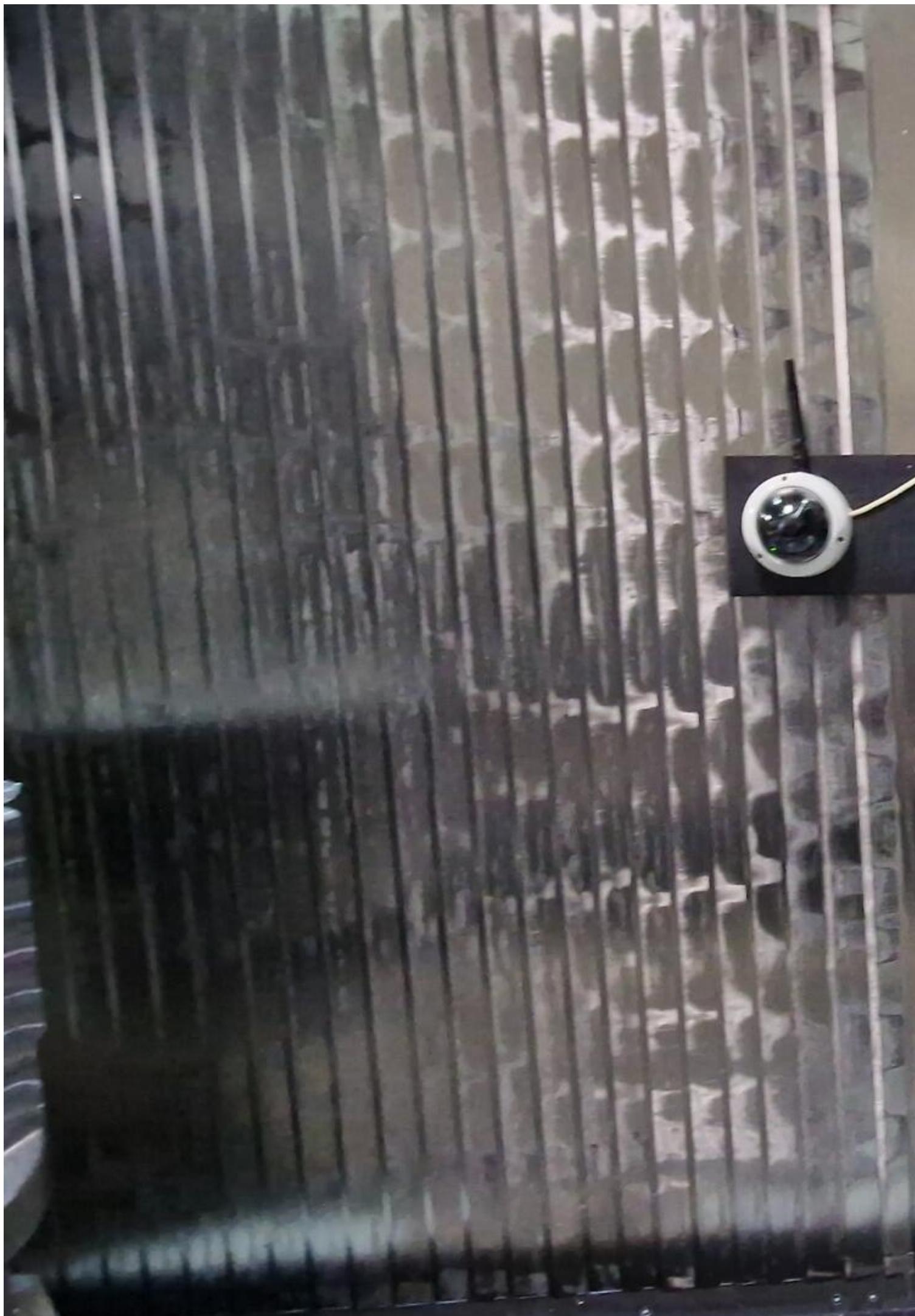








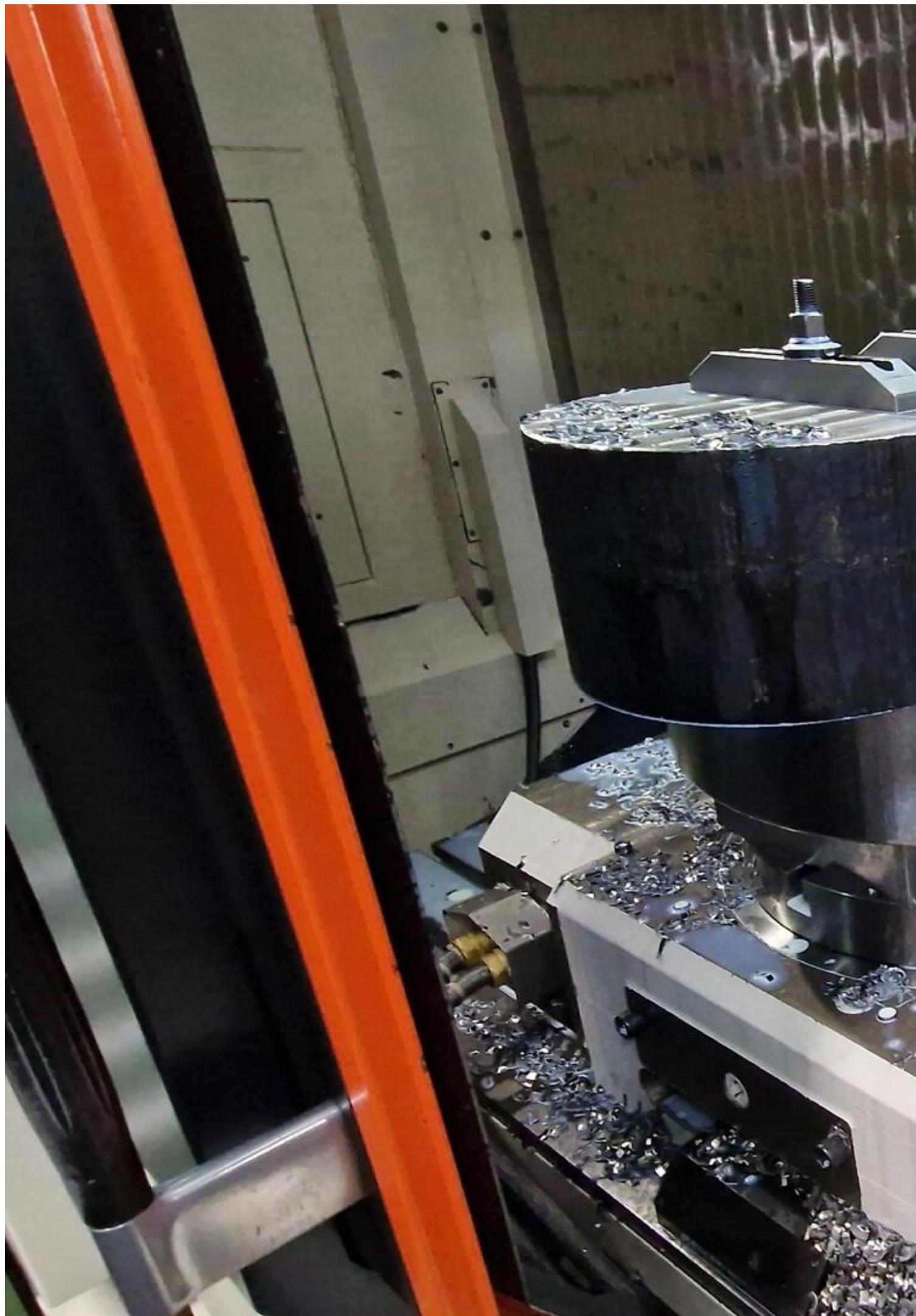












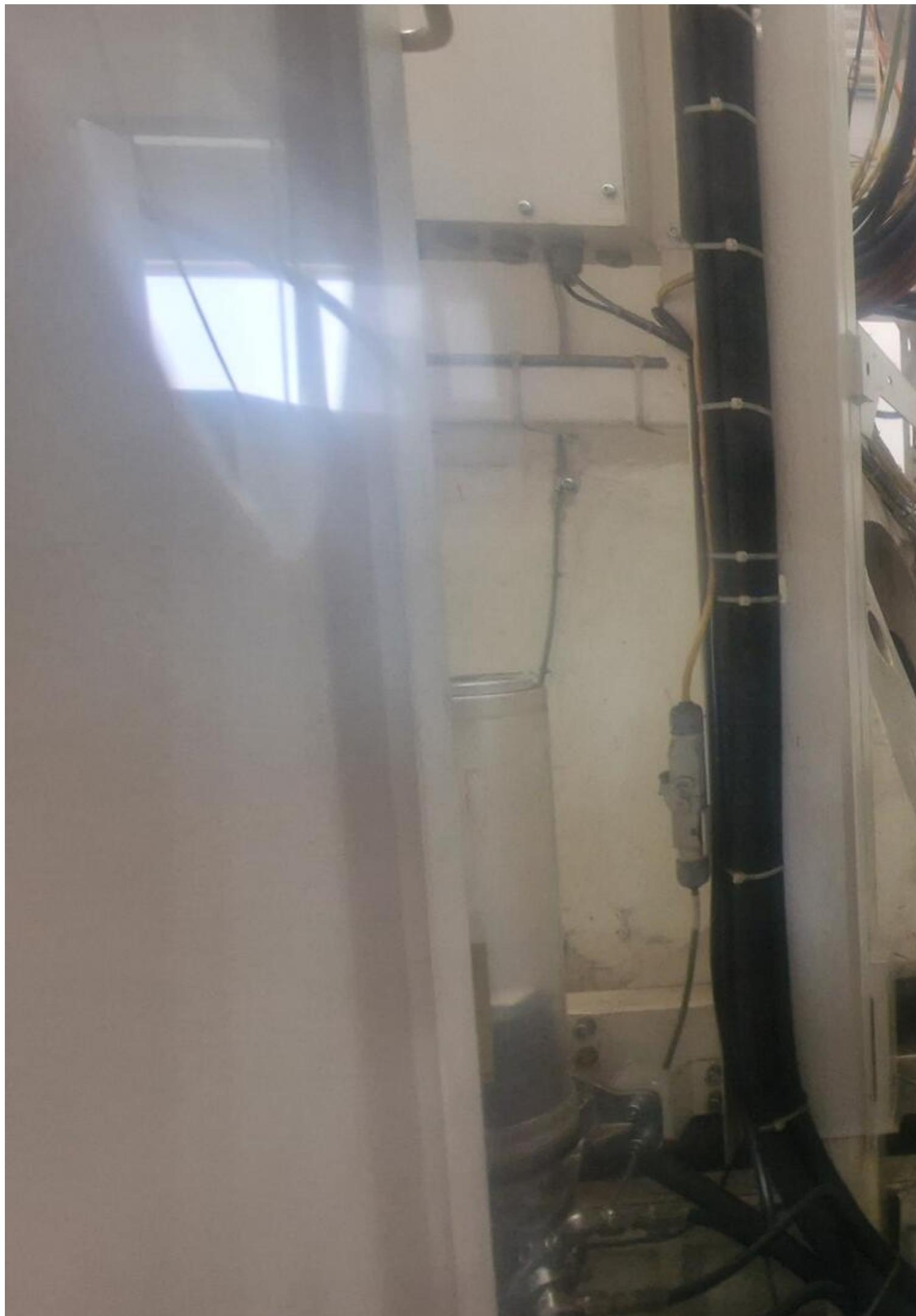




































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