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Ref. No.:

1426-06291612

## Overview and Technical Data:

# SCHNEEBERGER Gemini DMR - AWL 5-Axis CNC tool grinder

[SCHNEEBERGER](#)



# SCHNEEBERGER

Year of Build:

Jan 2008

**Description:**

# Used SCHNEEBERGER Gemini DMR - AWL

## 5 axes CNC tool grinding machine

CNC control Fanuc 160i MB

Technical data

- Travels - Glass scales X, Y, Z
  - X-axis 400 mm / 20'000 mm/min
  - Y-axis 300 mm / 5'000 mm/min
  - Z-axis 280mm / 20'000 mm/min
  - Resolution X/Y/Z : 0,0001 mm
- Centre height: 210 mm
- Spindle:
  - Spindle speed: 10000 Rpm
  - Drive power 15KW
  - Grinding wheel holder: HSK 50
  - Wheel diameter up to: 50-250 mm
  - Grinding wheel changer 8 pieces
  - Grinding wheel button
- Other
  - CO2 fire extinguishing system
  - 3D tracer
  - Hydr. voltage ISO 50
  - Network connection
  - Interface to Zoller measuring devices
- Grinding software Standard-WZ
  - Kennermetal-Hertel SE, TX, TF, Unidrill B9XX
  - Sandvik
  - Profile tools
  - Woodworking tools
  - 3D simulation

---

The SCHNEEBERGER GEMINI DMR is a high-performance 5-axis CNC grinding machine with high performance and autonomy for the serial production of end mills, drills, profile tools, profile grinding of pinion cutters and hob peeling cutters, as well as production grinding tasks such as profile grinding and flat grinding.

The gemini is the 5-axis CNC grinding machine for the serial production of cutting tools. Complete processing around OD and face, up to 300 mm cutting length, diameter up to 300 mm, maximum workpiece length that can be clamped 400 mm.

Cutting tools such as end mills, ball nose cutters for mold making, high-performance drills, reamers and profile end mills are all part of the standard requirement.

There are specific software packages, grinding processes and clamping systems for the production of shaper cutters with highly dynamic segmented hob grinding, the regrinding of gear cutting tools, end mills, shaper cutters and bevel gear cutters.

CNC grinding of knives for the paper, foodstuffs and plastics industries, profile grinding, cylindrical grinding and surface grinding.

## **Technical Data:**

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Control:  
[Series 16i](#)

## **Dimensions and Weight:**

Height:  
220 mm  
Length:  
3.000 mm  
Width:  
2.500 mm  
Weight:  
8.000 kg

## **Buyer Information:**

Condition:  
[Very good condition](#)  
Available:  
[Sold](#)  
Sold as:  
[EXW \(Ex Works - Incoterm\)](#)  
VAT:  
[19 %](#)  
Buyers Premium:  
[18 %](#)  
Location:  
Germany

## **Images:**



**GEMINI**

**SCHNEEBERGER**











GE Fanuc Series 160i-MB

Tool: NIETLOCHREIBAREL-014

Axis Position: Fastang

X	0.000	mm	Spindel	0.000	mm
Y	0.000	mm	Spindel	0.000	mm
Z	0.000	mm	Vorstich	0.000	mm
A	0.000	mm	Schleife	1.474114735	mm
B	0.000	mm			
C	-35.705	mm			

Mach: Feinbild

100%

Menü: [Stop] [Problem]

Zentrumswenden	0
Aussenwend	0.570
230.000 mm	
Schneidhöhe	108.054
Prüfung Zeitsumme	3.000
Maximale Vorn	2.000
Maximale Schnitt	0.500
Flank Leinweg 1	0.000
Flank Leinweg 2	0.000
Flank Leinweg 3	0.000
Flank Leinweg 4	0.000
Flank Leinweg 5	0.000
Flank Leinweg 6	0.000
Flank Leinweg 7	0.000
Flank Leinweg 8	0.000
Flank Leinweg 9	0.000
Flank Leinweg 10	0.000
Flank Leinweg 11	0.000
Flank Leinweg 12	0.000
Flank Leinweg 13	0.000
Flank Leinweg 14	0.000
Flank Leinweg 15	0.000
Flank Leinweg 16	0.000
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Flank Leinweg 42	0.000
Flank Leinweg 43	0.000
Flank Leinweg 44	0.000
Flank Leinweg 45	0.000
Flank Leinweg 46	0.000
Flank Leinweg 47	0.000
Flank Leinweg 48	0.000
Flank Leinweg 49	0.000
Flank Leinweg 50	0.000

AM-010

QUINTIX by SCHNEIDER



Emergency stop button

Home

Page Up

Page Down

End

Home

Insert

Print Screen

Num Lock

F1-F12

SCROLL

Der Zeitr  
ist nur den  
hier beschriebenen  
Personen gestattet











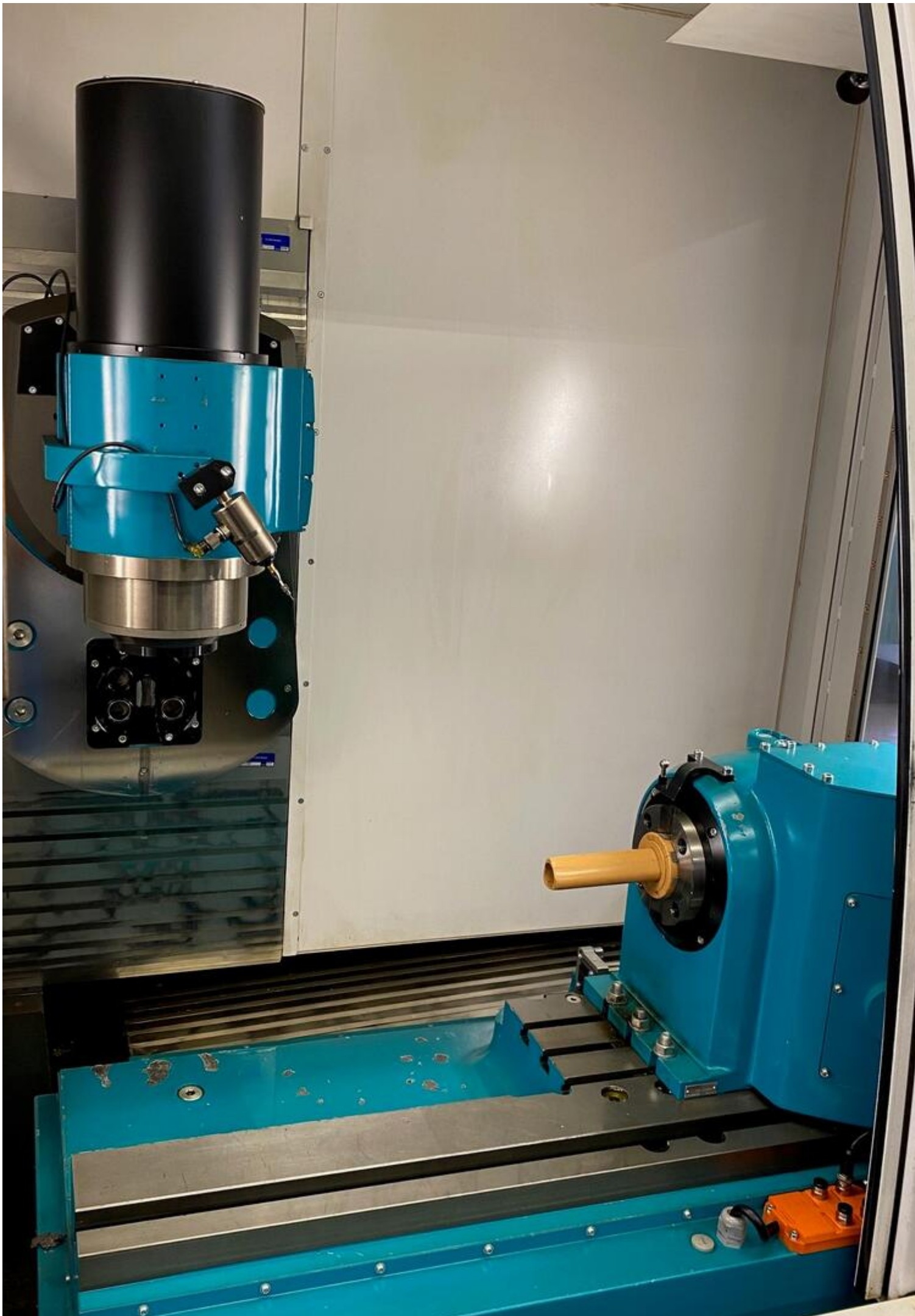




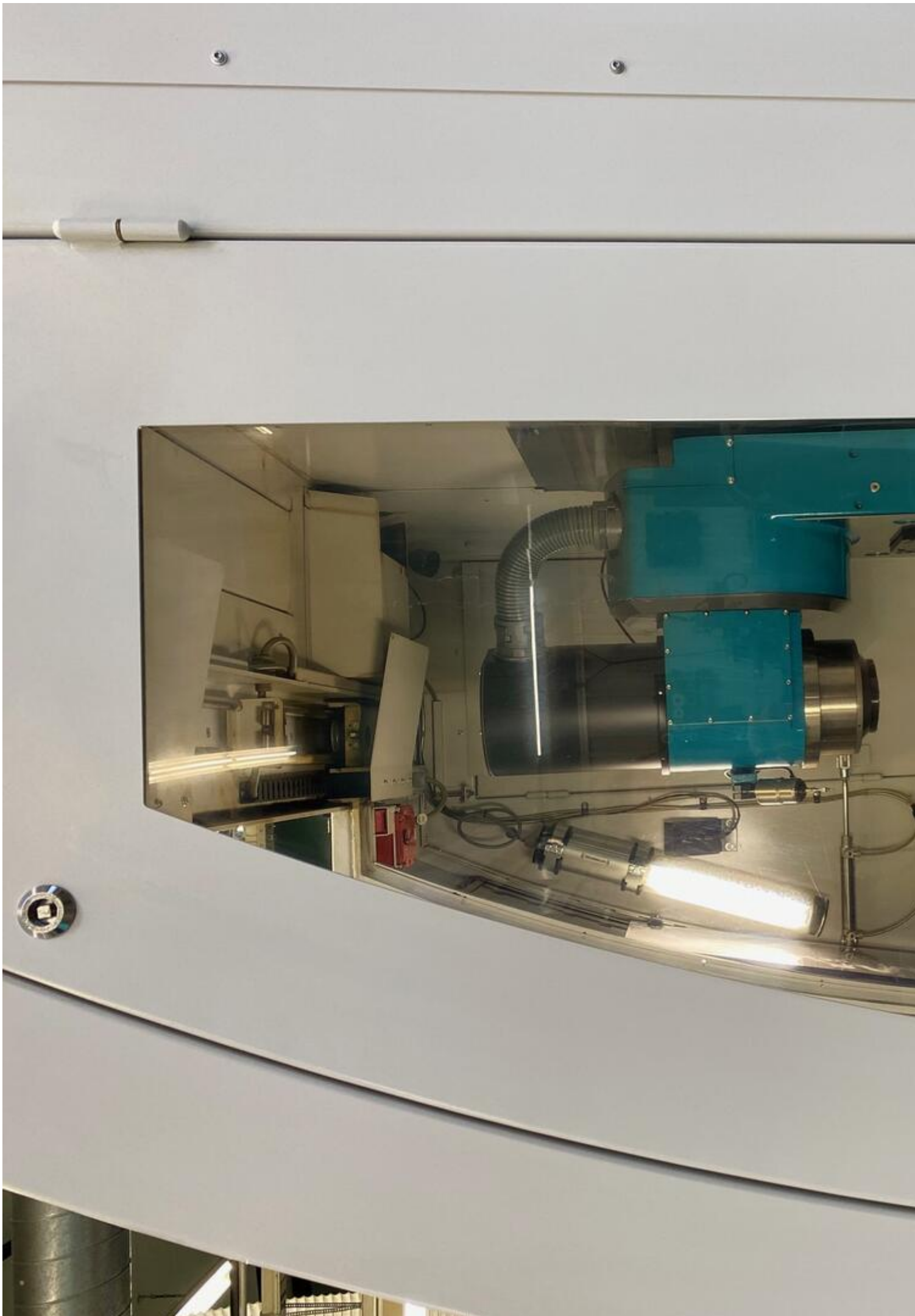


GEMINI





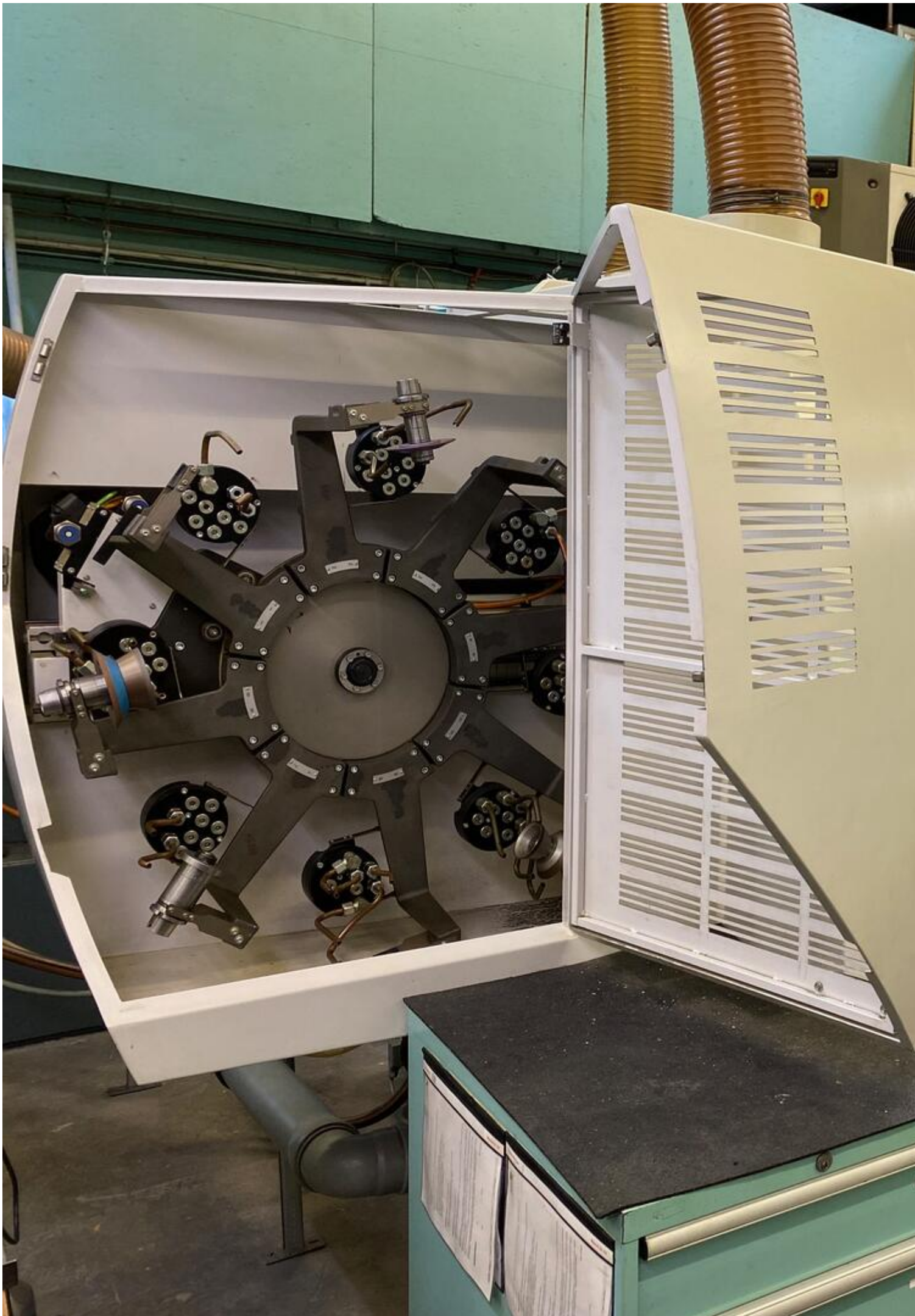








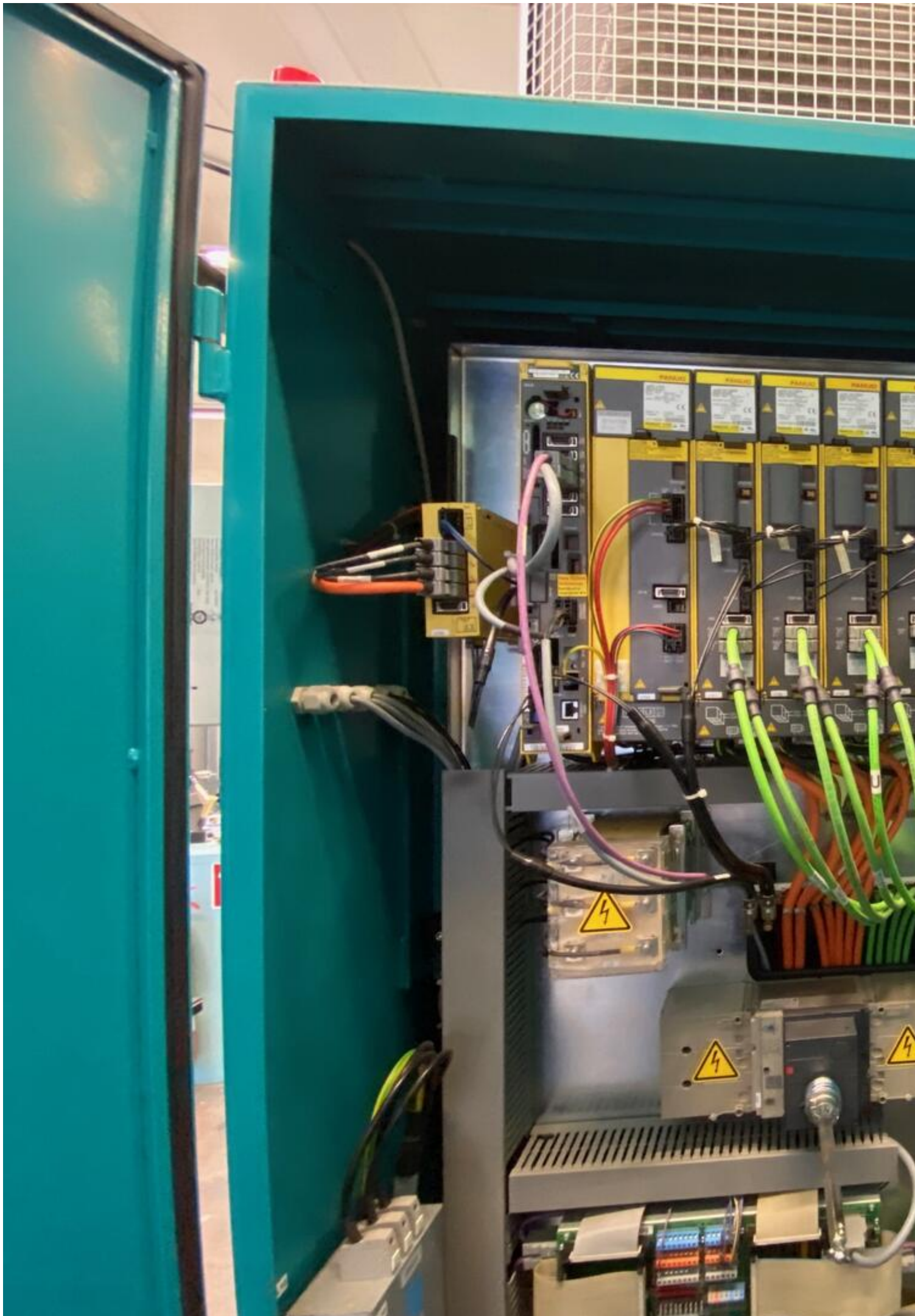




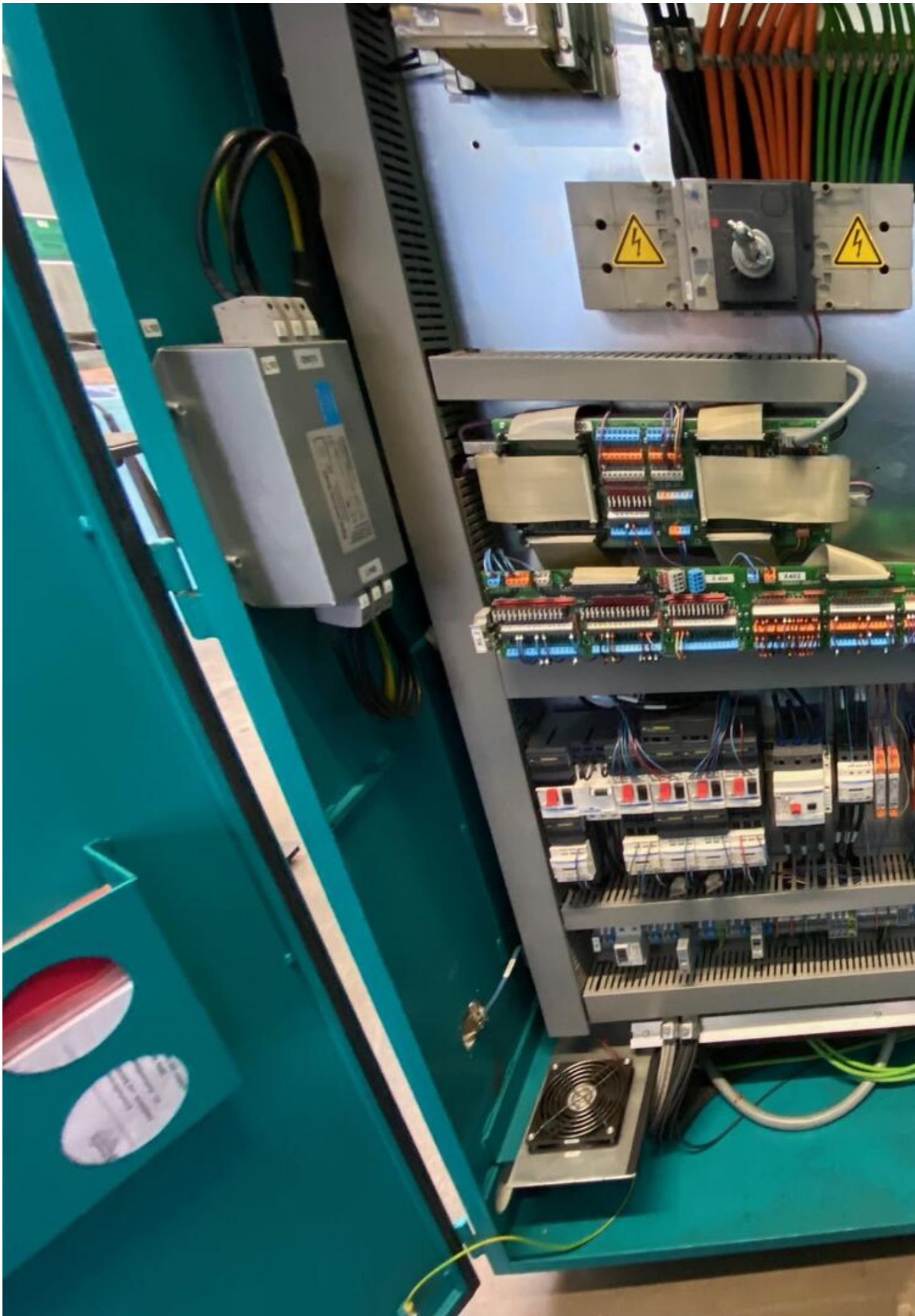




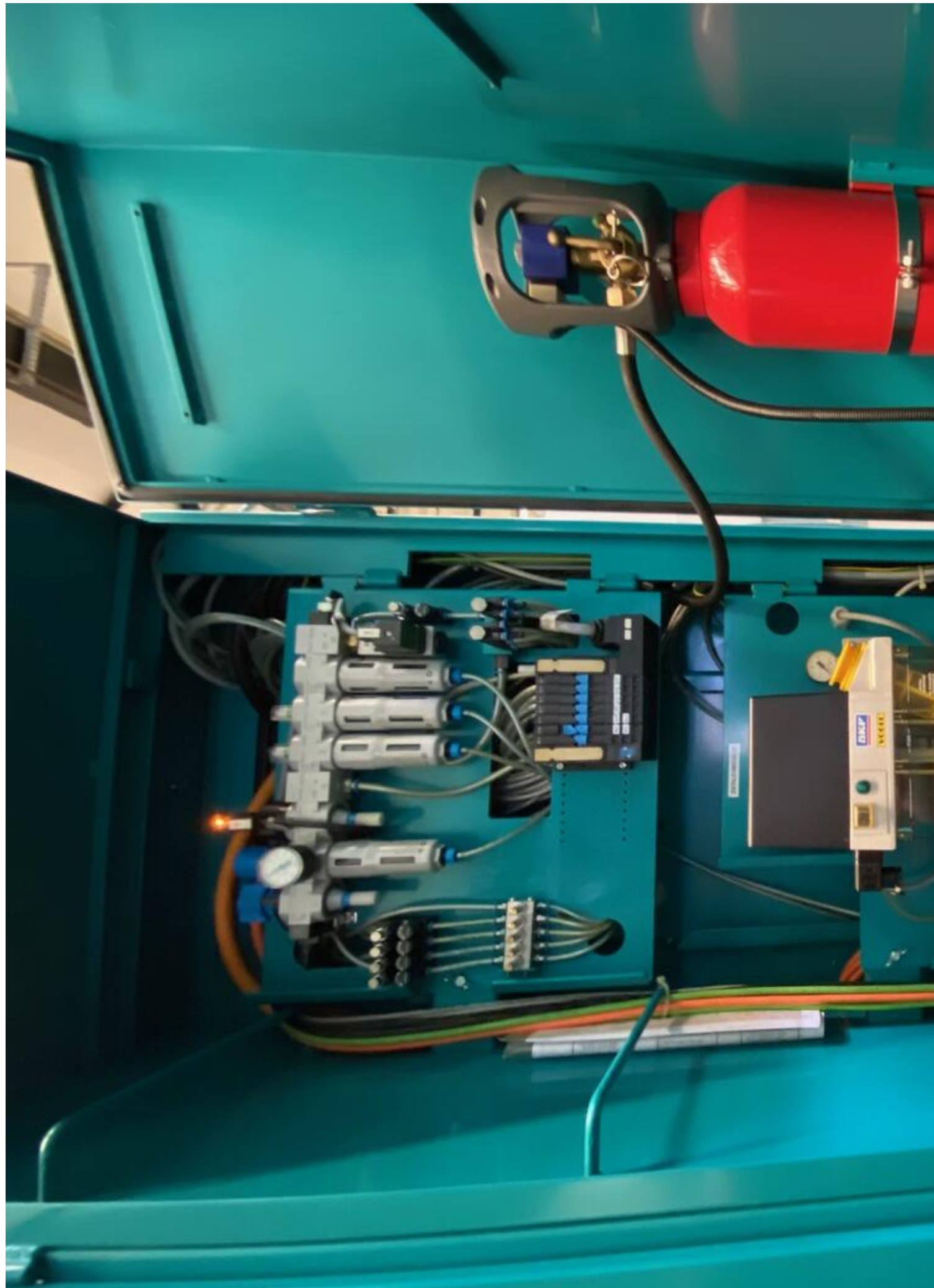
















## Kohlendioxid CO<sub>2</sub>

kg Löschmittel

Vorsicht bei Verwendung in engen, schlecht belüfteten Räumen (z.B. in geschlossenen Räumen mit schlechten Gase). Die Auslösung der Feuerlöschanlage durch Drücktaster.

Bei Feueralarm Raum sofort verlassen oder sich in Sicherheit bringen.

### **ACHTUNG: Gesundheitsgefahr!**

Hinweis: CO<sub>2</sub> fließt in tieferliegende Räume.

Nach jeder Auslösung und gründlichem Durchlüften der Räumlichkeiten der Löschanlage durch einen vorqualifizierten Fachmann herstellen lassen.

Die Löschanlage ist mindestens einmal jährlich durch einen qualifizierten Sachkundigen zu überprüfen.

**Kraft & Bauer**  
**Brandschutzsysteme GmbH**  
Max-Eyth-Str. 43  
D-71088 Holzgerlingen  
Tel. (+49)(0) 7031-41036-0  
Fax (+49)(0) 7031-41036-11  
e-mail: [info@kraft-bauer.com](mailto:info@kraft-bauer.com)  
[www.kraft-bauer.com](http://www.kraft-bauer.com)



TYP **DMR GEMINI AWL**

SERI

Masch. Nr

**21179**

Stam

BAUJAHR

**2008**

GEWIC

Spindelleistung:

**15kW**

STROMART / KIND OF CURRENT

BETRIESSPANNUNG / WORKING VOLTAGE

STEUERSPANNUNG / CONTROL VOLTAGE

LEISTUNG / RATING

NENNSTROM / RATED CURRENT

STROMLAUFPLAN / CIRCUIT DIAGRAM NR.

**Video:**



Asset-Trade

Assessment and Sale of Used Assets world wide

Am Sonnenhof 16

47800 Krefeld

Germany

Tel.: +49 2151 32500 33

Fax.: +49 2151 65 29 22

Email: [info@asset-trade.de](mailto:info@asset-trade.de)

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VAT:

[19 %](#)

Buyers Premium:

[18 %](#)

Location:

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### **Images:**

A vertical lathe machine with a white door open to the left. The machine has a blue and black spindle assembly. The door has a wooden handle and the word "GEMINI" printed on it. The base of the machine is dark grey with a "SCHNEEBERGER" logo.

**GEMINI**

**SCHNEEBERGER**











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A	0.000	mm	Schleife	1.474114735	mm
B	0.000	mm			
C	-35.705	mm			

Mach: Finished

100%

Zeitpunkt	0
12.000 mm	0.570
0.000 mm	230.000
230.846 mm	108.054
2.000 mm	3.000
0.500 mm	0.000
0.000 mm	0.000

Spindel: 45.707 mm  
Werkzeug: 34.017 mm

AM-010

QUINTX by SCHNEIDER



Function key grid:

Esc	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	Page Up	Page Down
	Print Screen	Scroll Lock	Pause	Insert	Delete	Home	End	Home	End	Home	End	Home	End	Home

SCROLL

Der Zentrin ist nur dann hier beschlagnahmt, wenn die Person dies bestätigt.











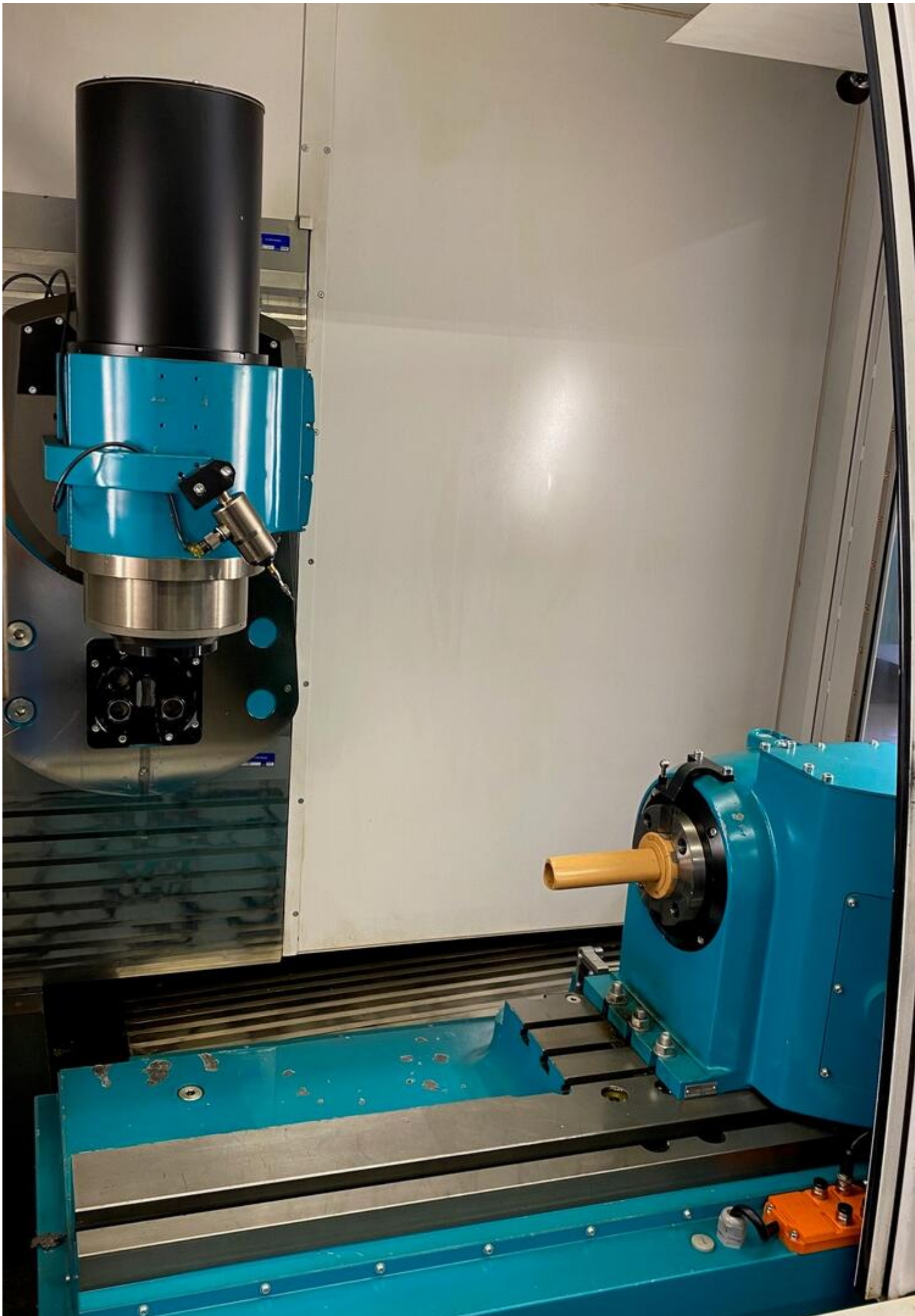






**GEMINI**





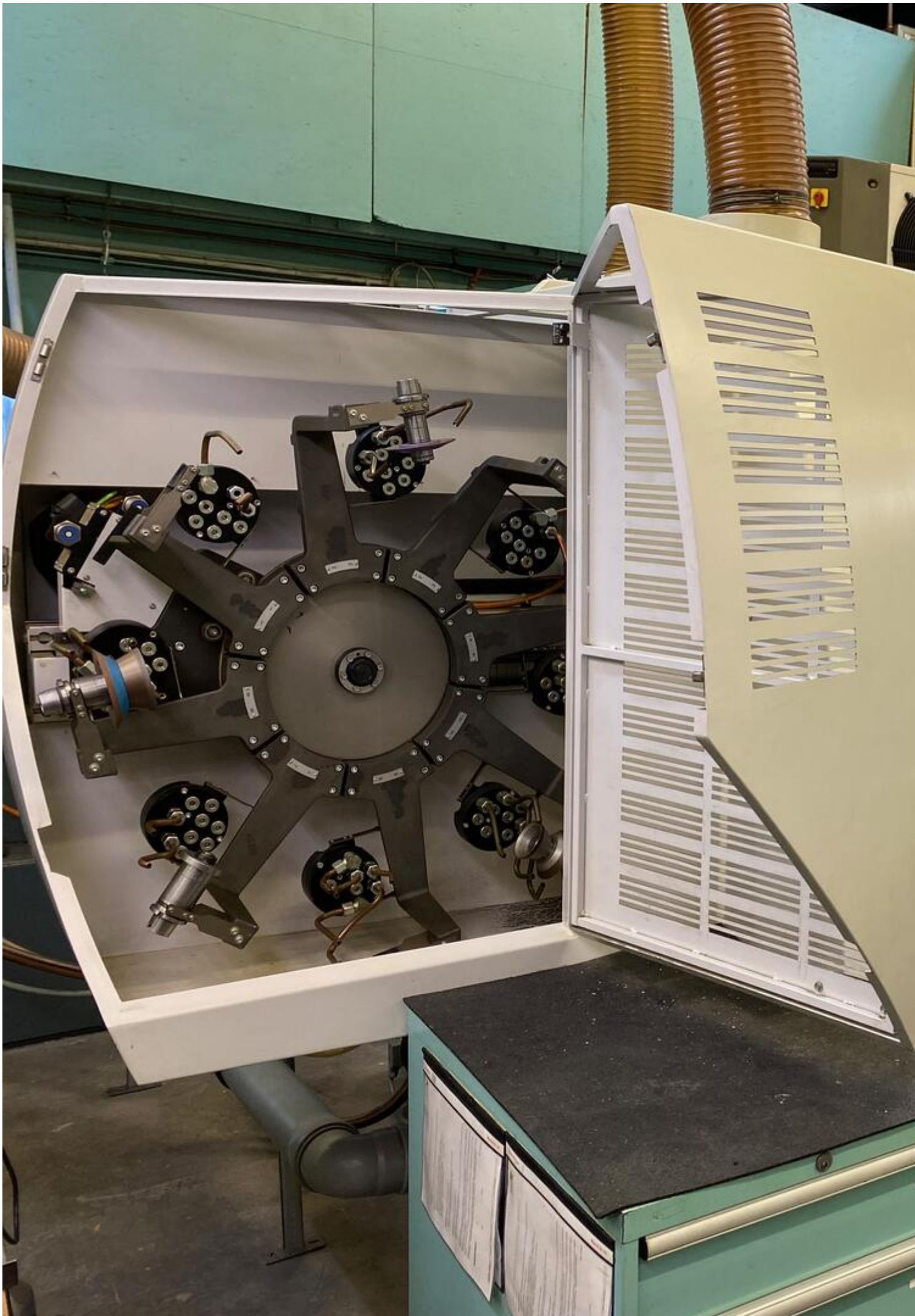








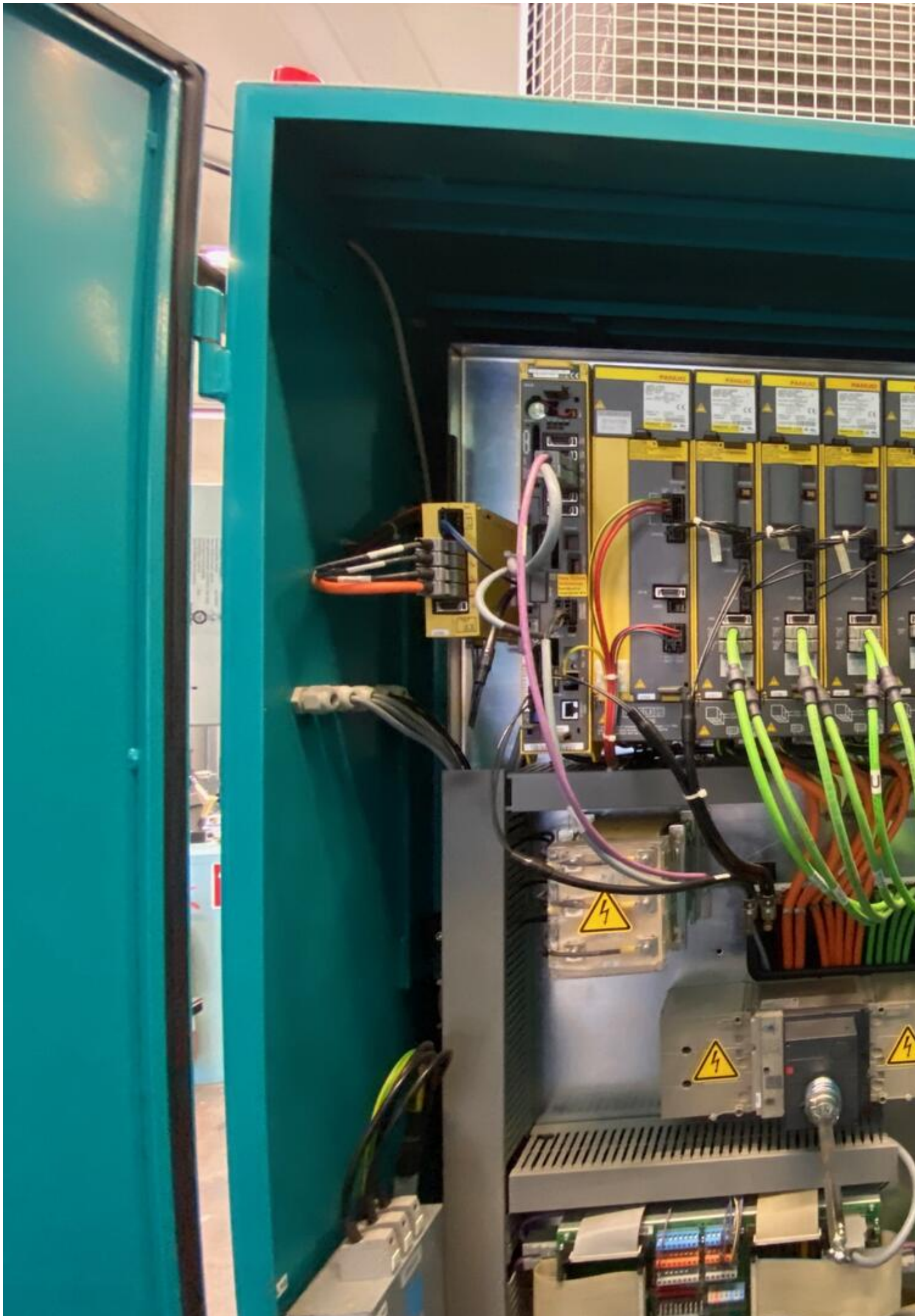




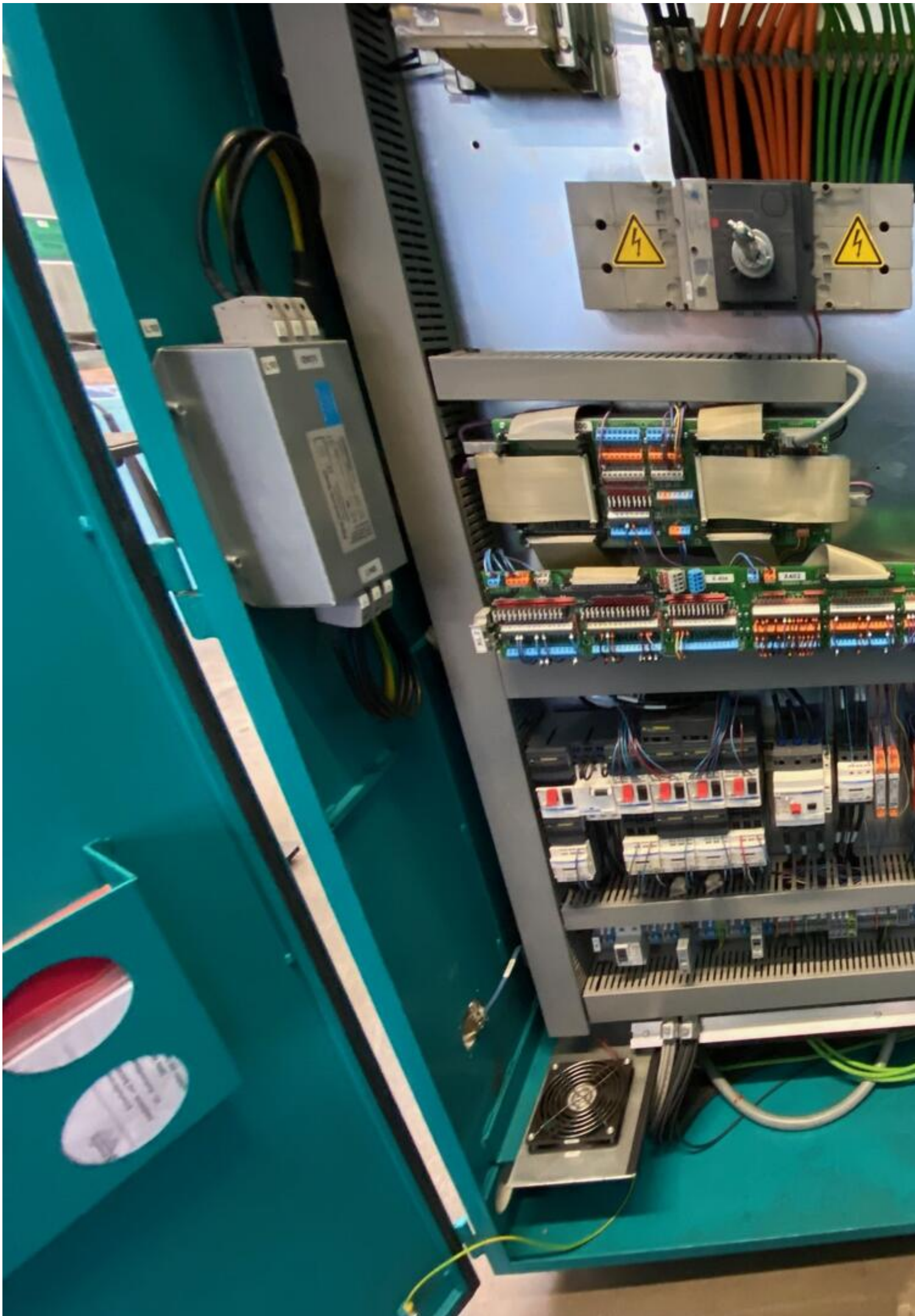




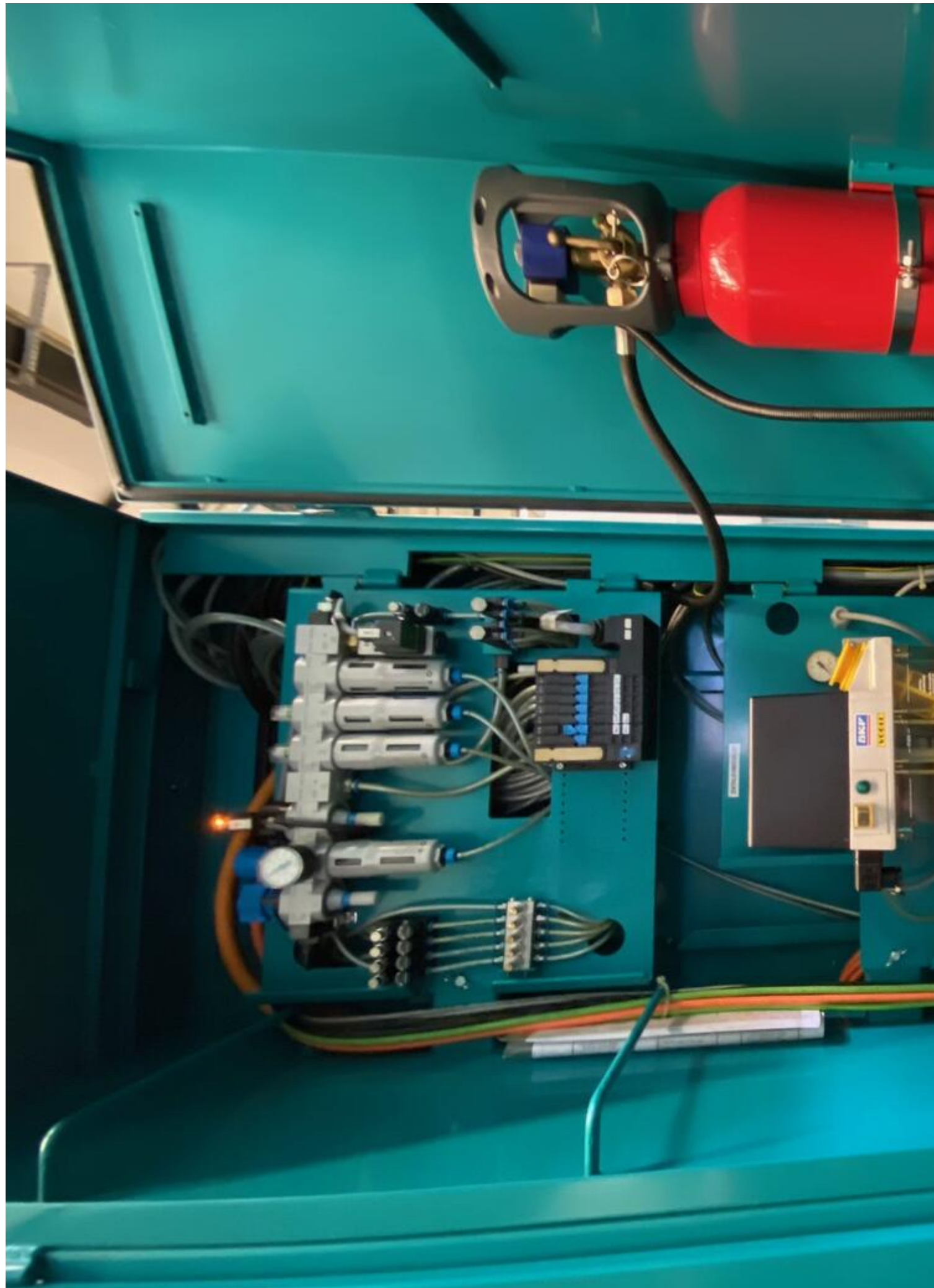
















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Fax (+49)(0) 7031-41036-11  
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Tel.: +49 2151 32500 33

Fax.: +49 2151 65 29 22

Email: [info@asset-trade.de](mailto:info@asset-trade.de)

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

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