Image not found or type unknown

Ref. No.:
829-07240122

Overview and Technical Data:

BÖHMER Maschinenbau Turbo control Acoustic Balancing Machine

BÖHMER

Year of Build:
Jan 2009

Description:

Used BÖHMER HSB - Acoustic Test Stand & Turbo-Control Balancing Machine

Balancing machine for rotors for Turbocharger group

Technical data:

- workpiece weight 4 kg
- workpiece length 200 mm
- dia. on complete length 200 mm
- Control Böhmer Turbo Control
- electrics - voltage/frequency 400 / 50 V/Hz
- connected load 12 kVA
- dimensions 2,6 x x 1,5 x 2,6 m

Acoustical test stand for checking and then balancing turbocharger fuselage

groups.

- Chip extraction

- Alignment unit

- grippers

- Milling unit with compressed air milling spindle

More details on request

Acoustic load balancing for turbochargers:

By means of the acoustic balancing technique, high-frequency components, e.g. Turbocharger, can be very finely balanced. The balancing of turbochargers for automobiles is necessary because bodies that rotate about an axis cause a certain imbalance. This manifests itself in the form of vibrations, which ultimately lead to increased material wear and losses in performance.

Balancing the turbochargers is achieved by removing some material at certain points. Since the tolerances move in very small regions, corresponding devices are required. The acoustics test stand shown here represents such a device.

Technical Data:

Technical Data:

Control:

CNC

Dimensions and Weight:

Height:
2.285 mm
Length:
2.608 mm
Width:
1.114 mm
Weight:
3.700 kg

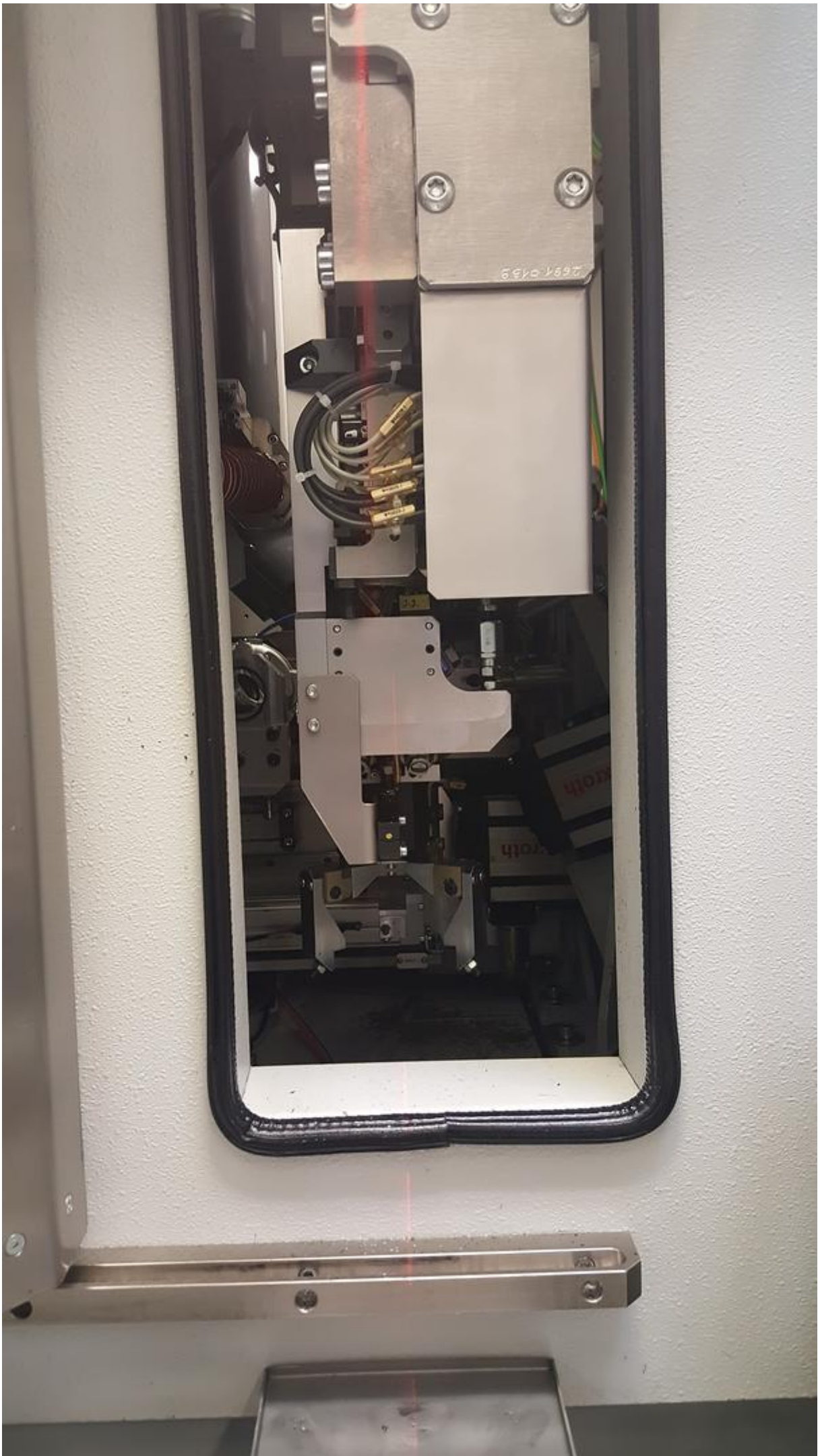
Buyer Information:

Condition:
Very good condition
Available:
On Request
Sold as:
EXW (Ex Works - Incoterm)
VAT:
19 %
Location:
Germany

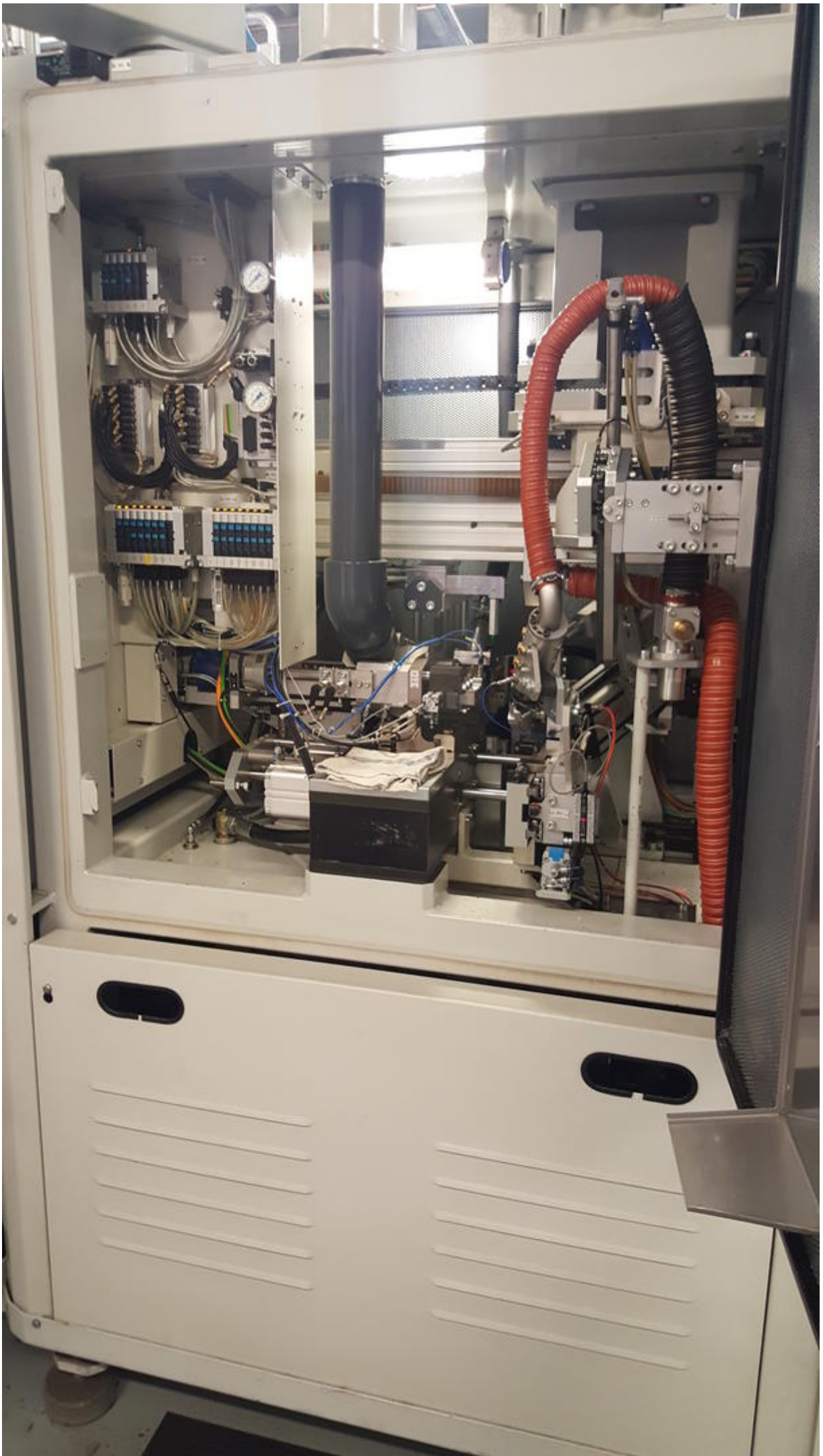
Images:

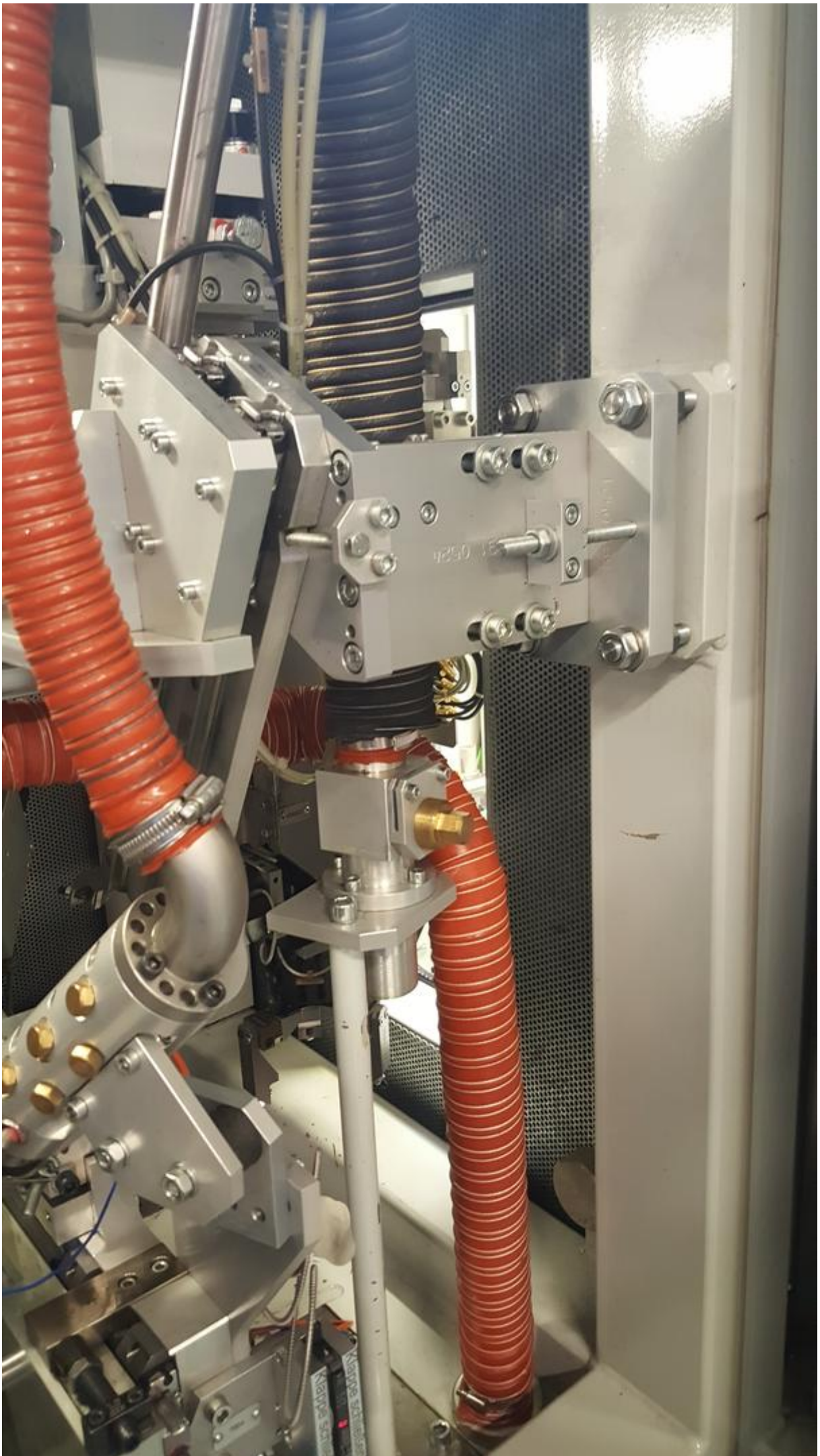

Böhmer
HSB 04

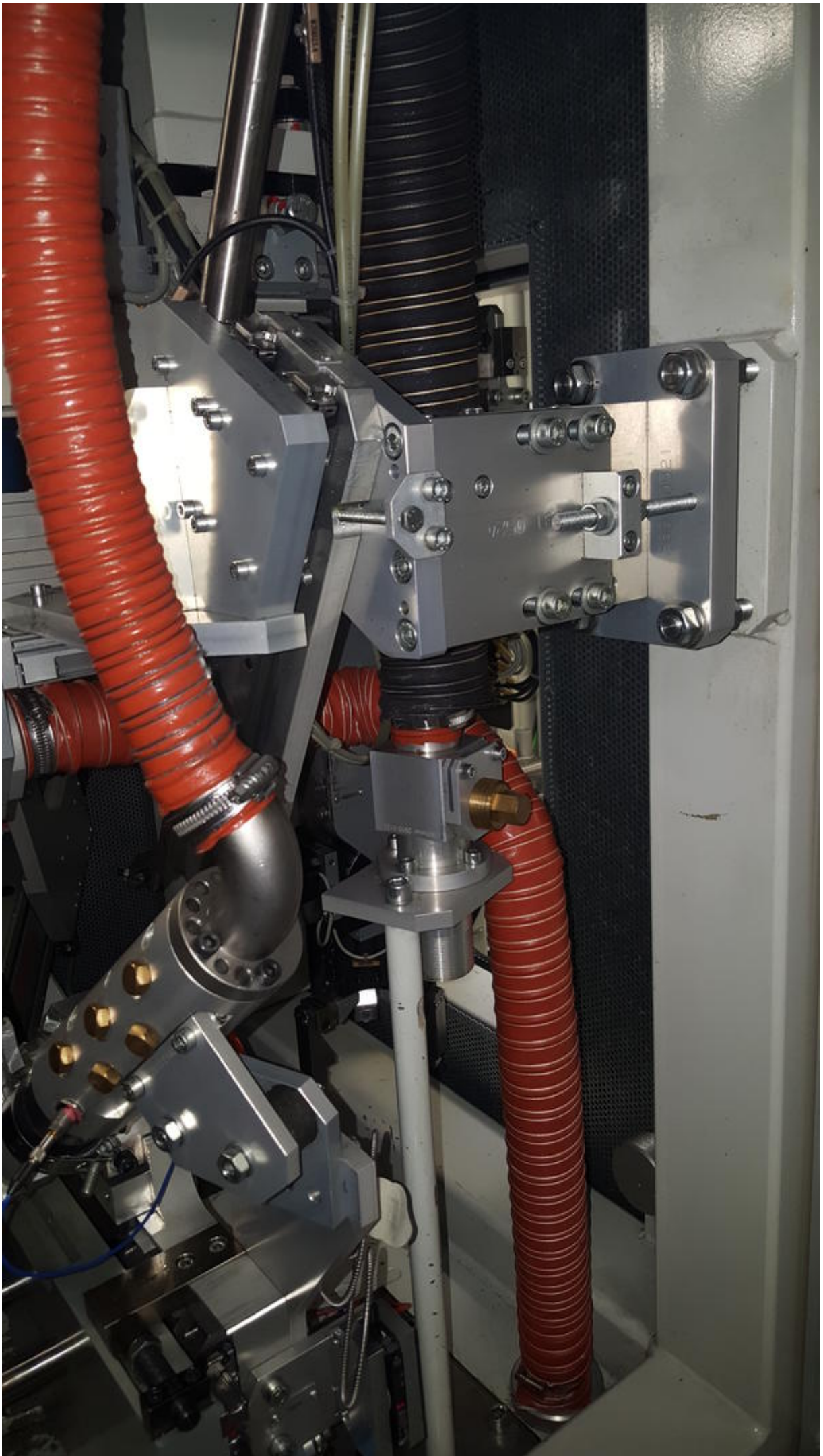
1

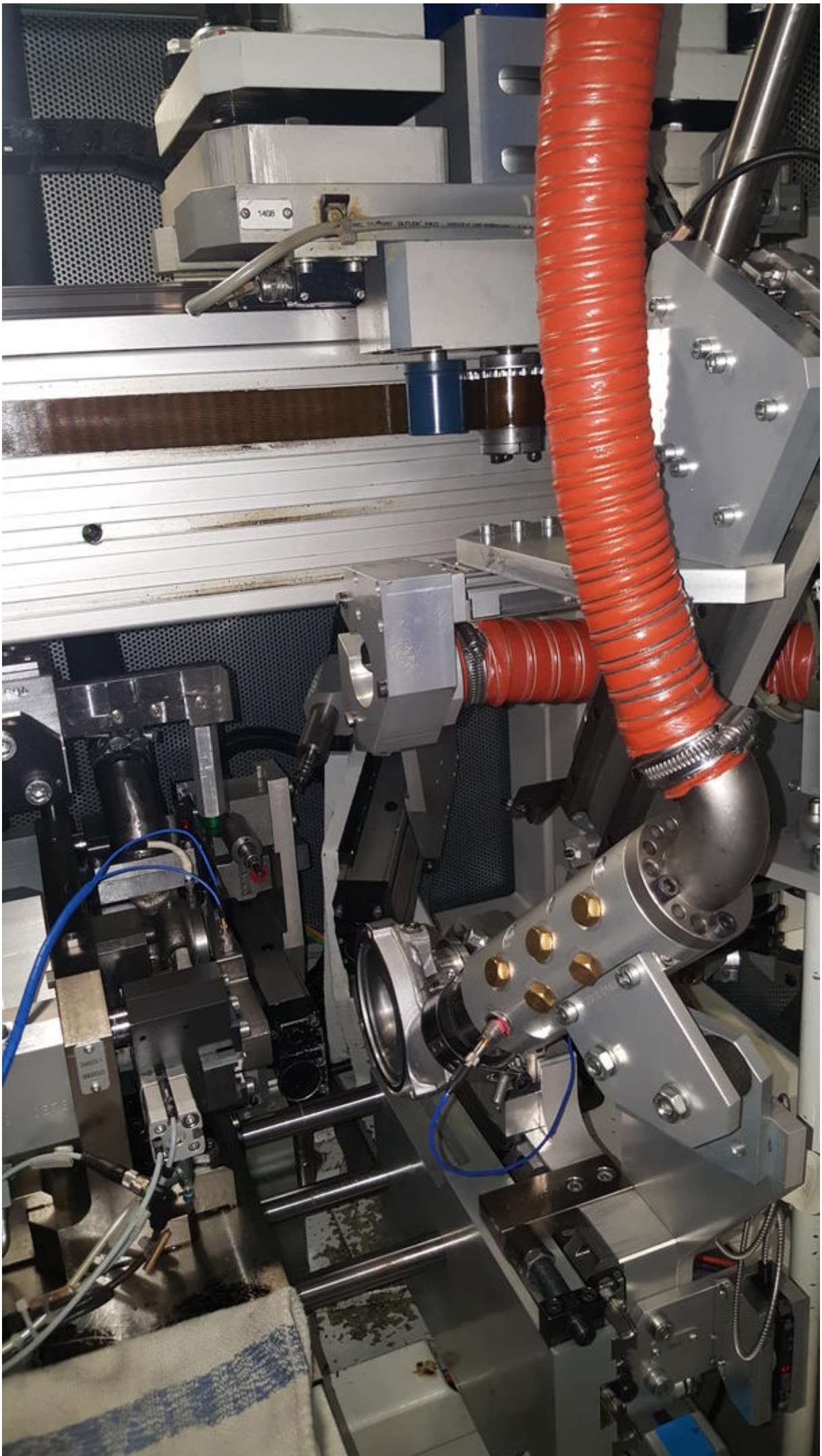


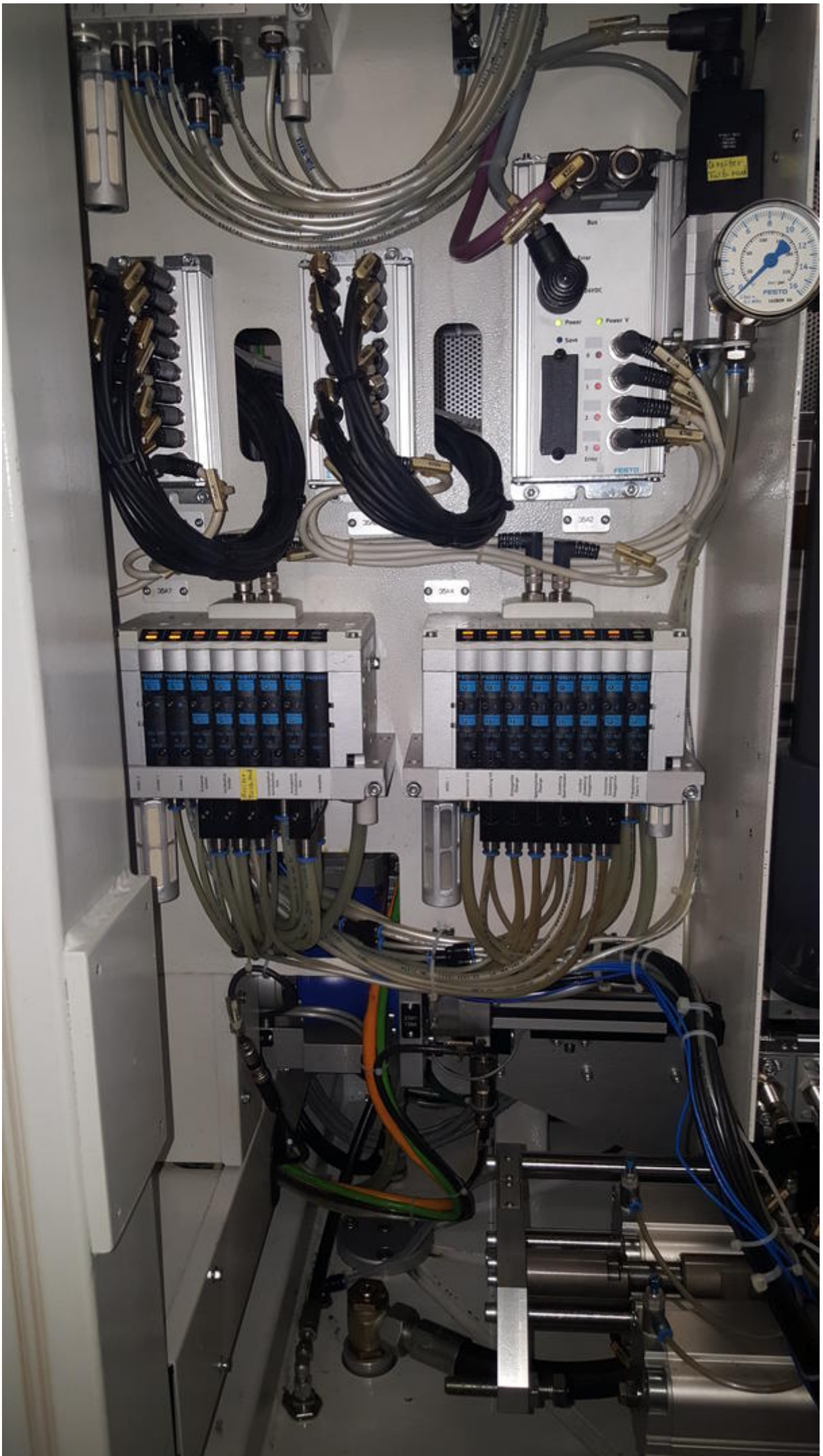

B
Mo
www.

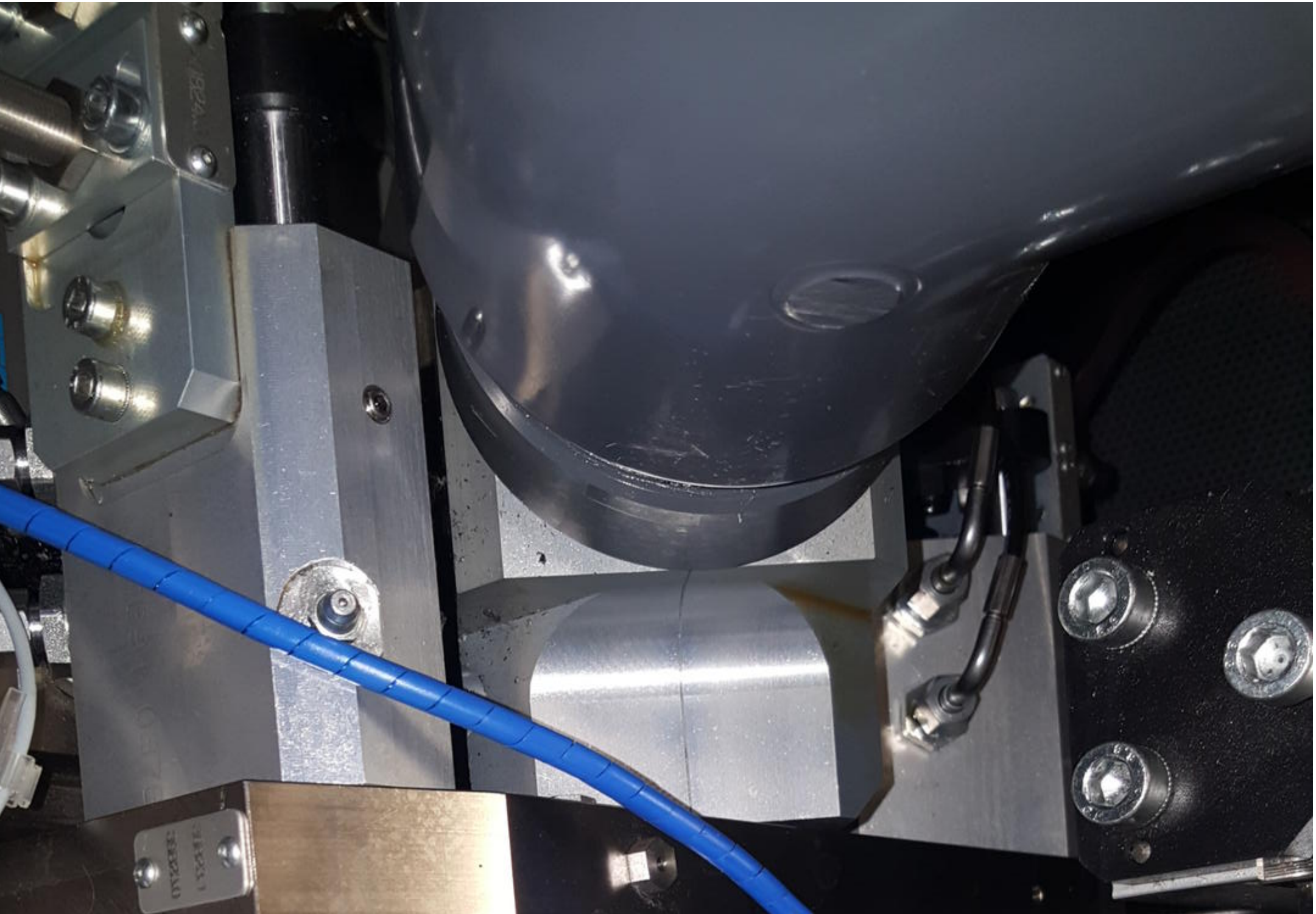


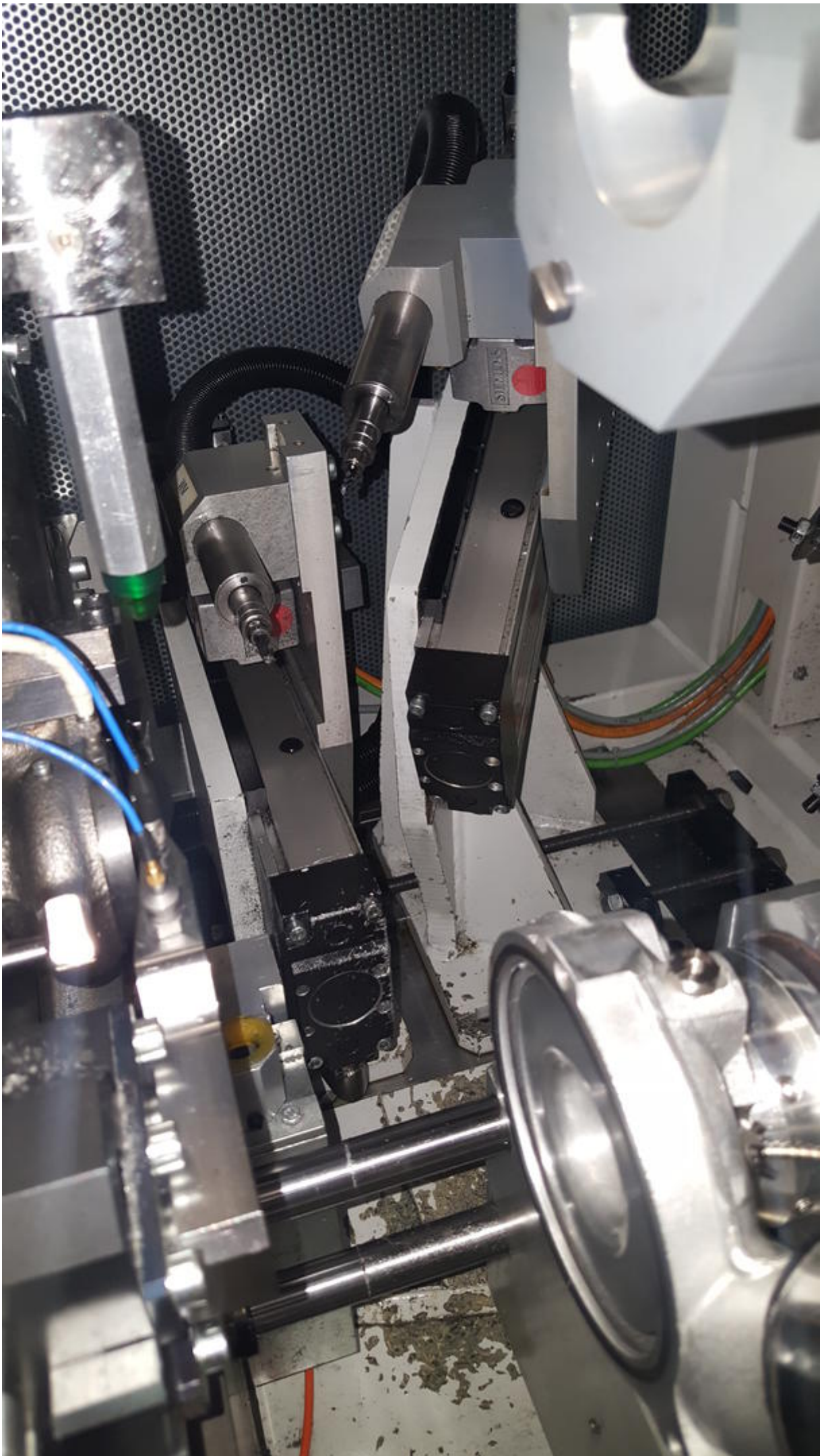







Bus
Power
Power V
Save
FESTO

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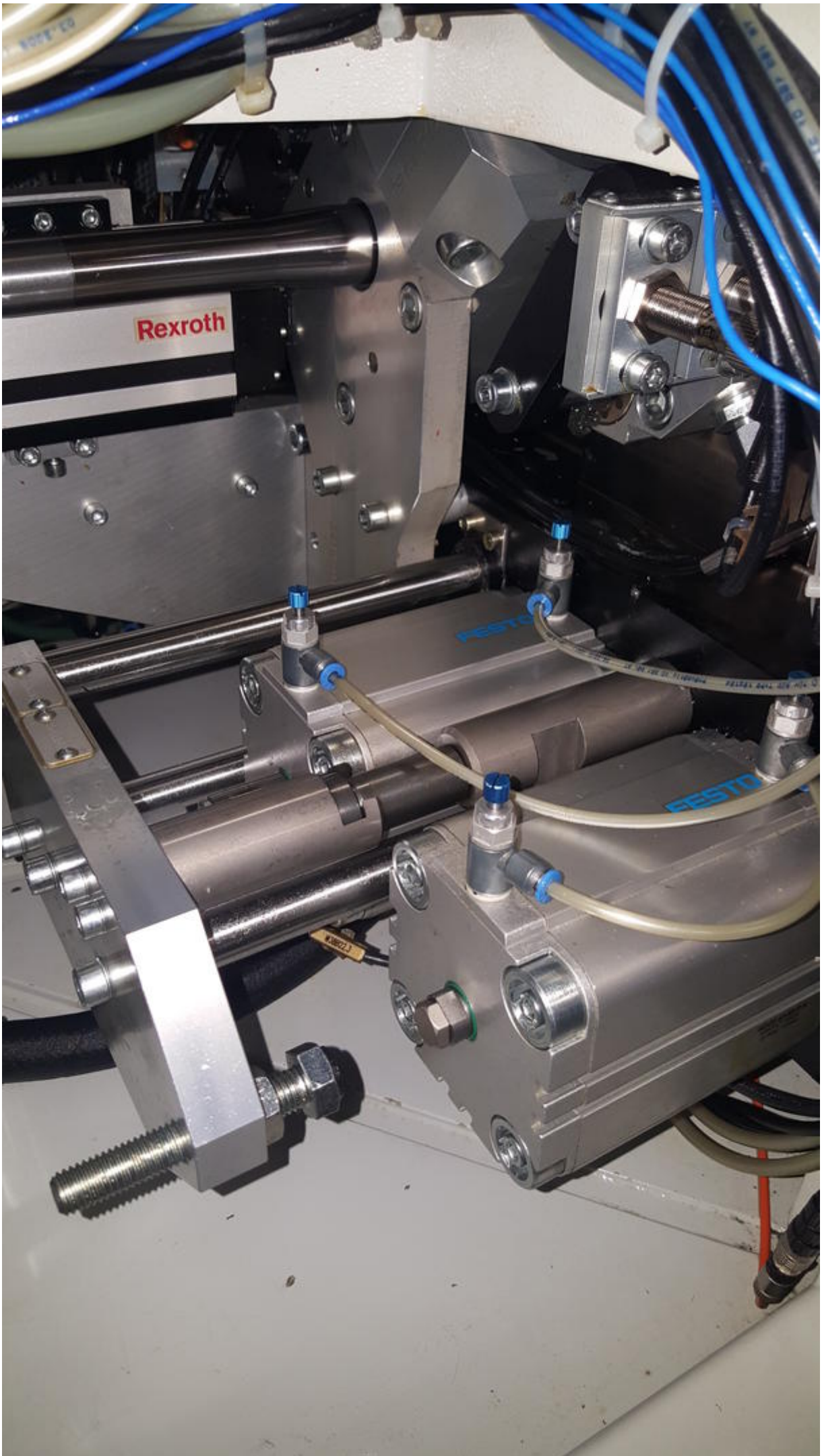
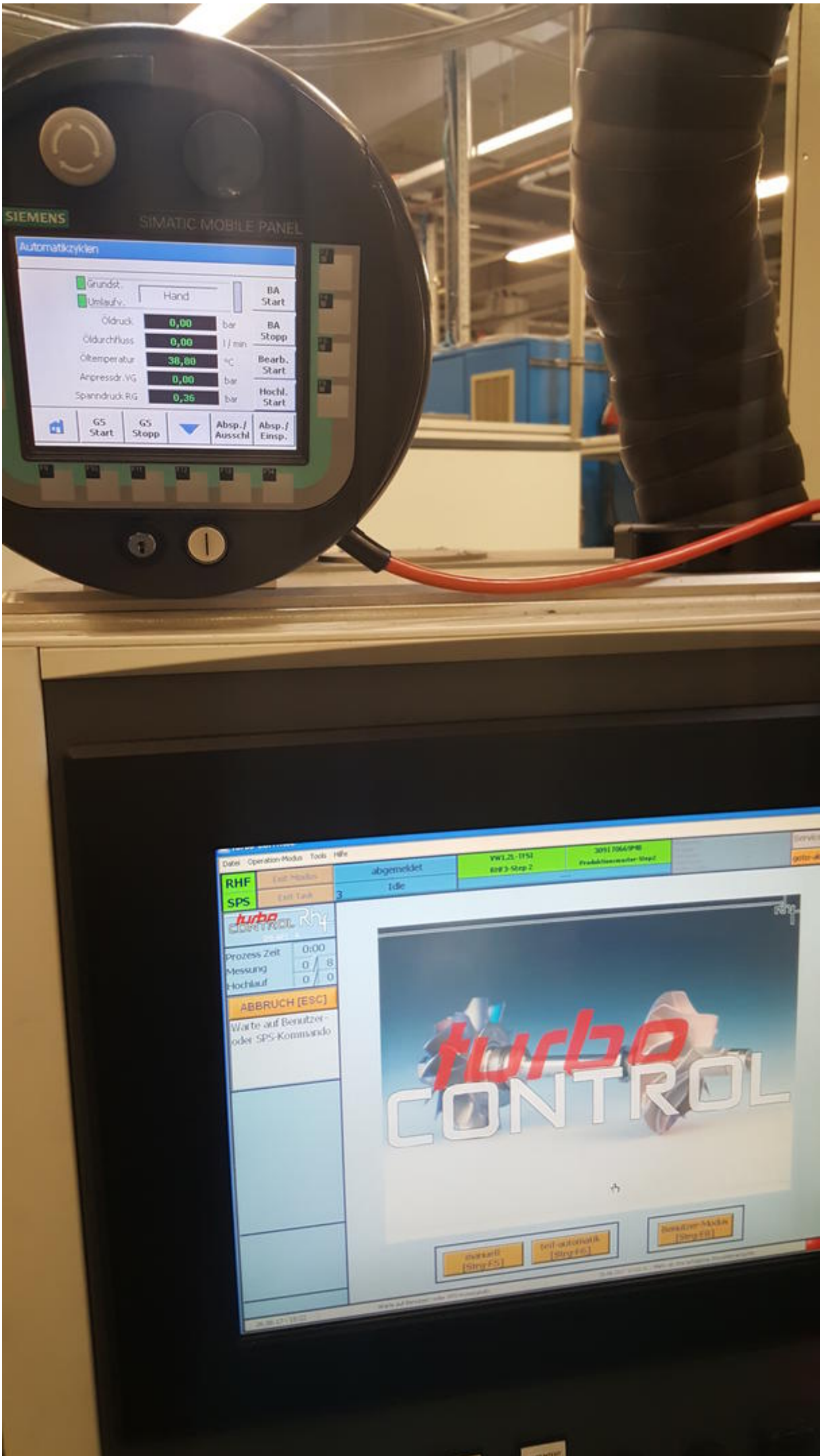

Rexroth
FESTO
FESTO

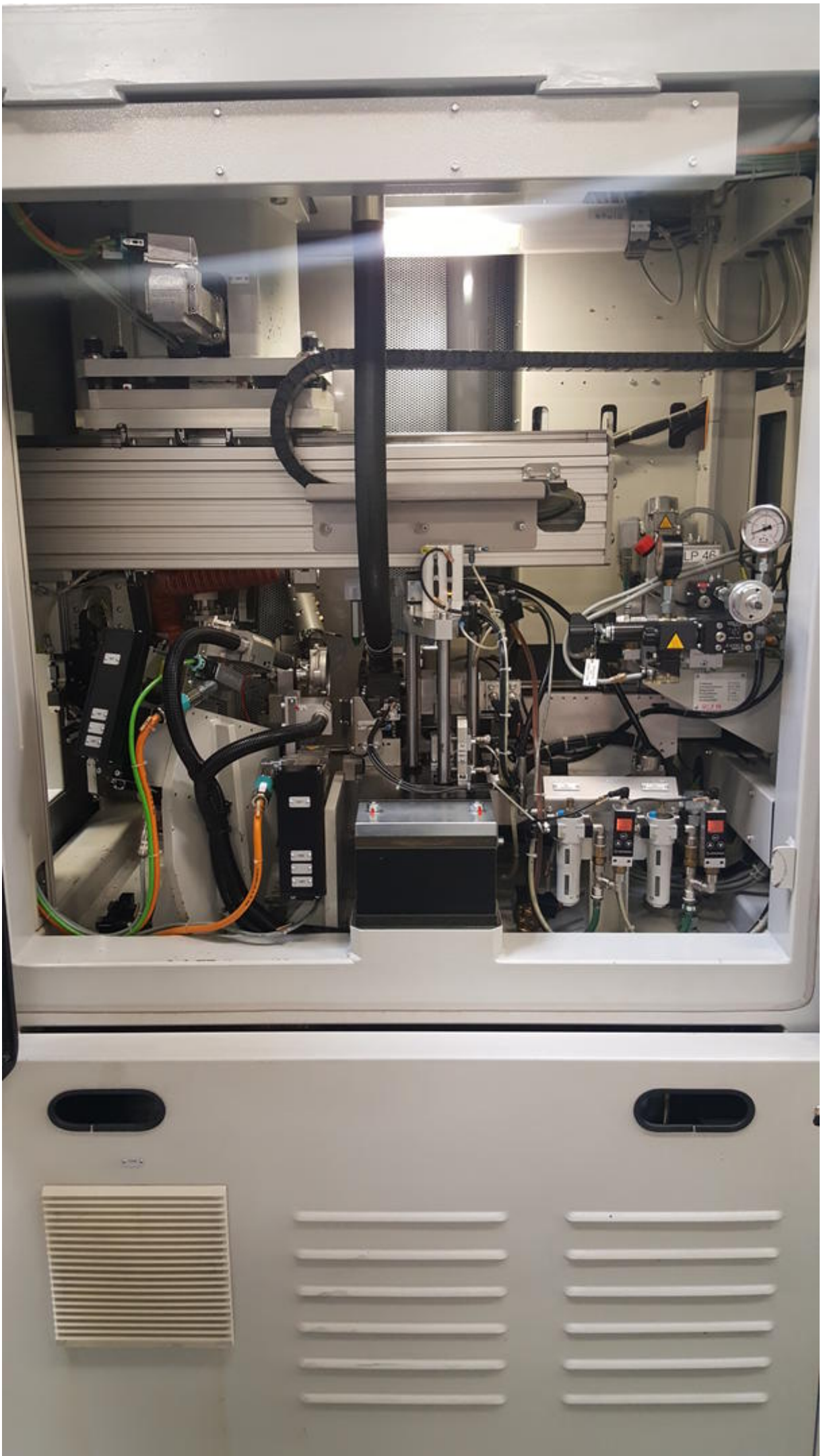

turbo
CONTROL

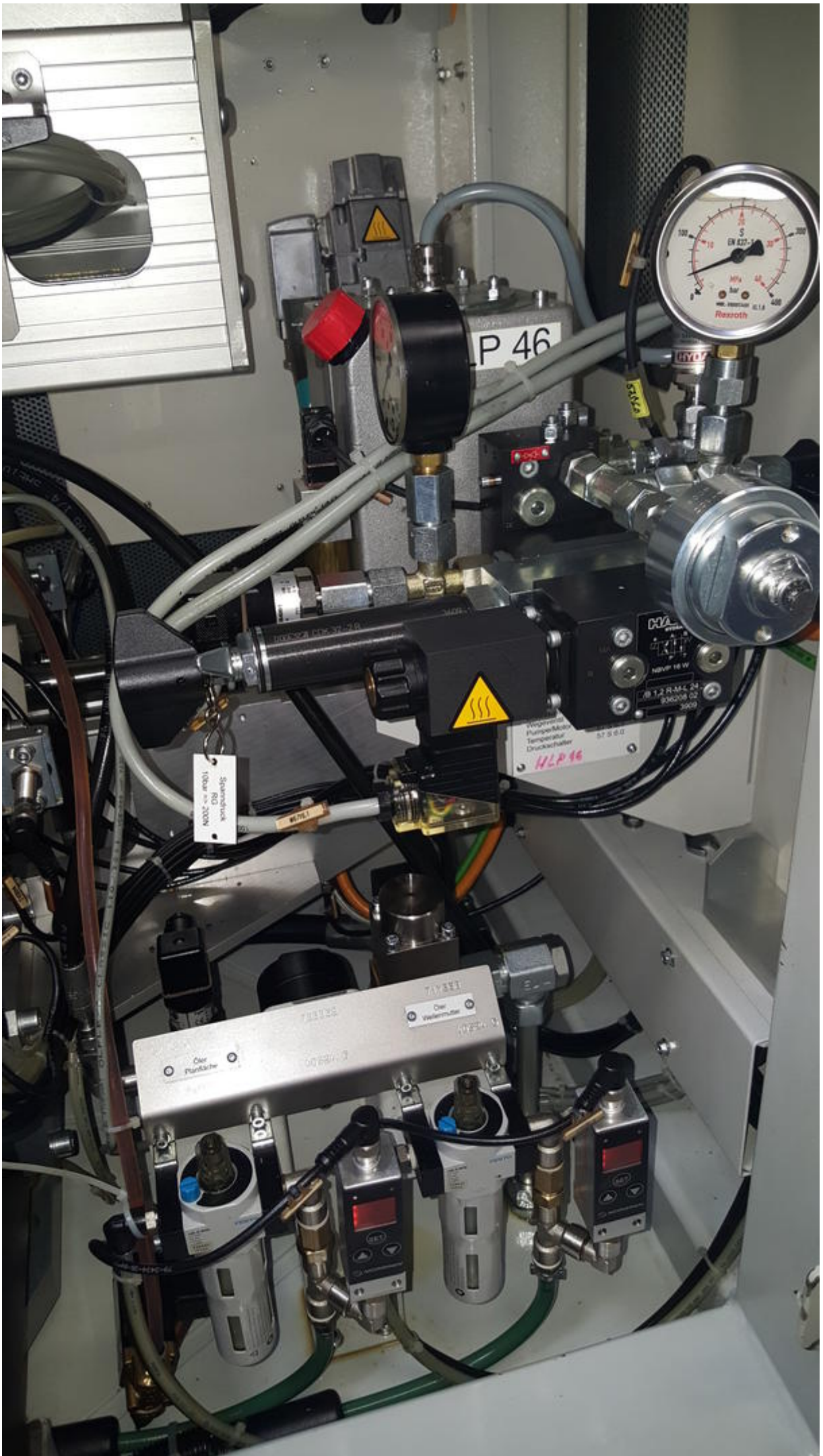

SIEMENS
SIMATIC MOBILE PANEL
Automatikzyklen
Grundst.
Umlaufv.
Hand
BA Start
Öldruck
0,00
bar
BA Stopp
Öldurchfluss
0,00
l / min
Öltemperatur
38,80
°C
Bearb. Start
Anpressdr.VG
0,00
bar
Spanndruck RG
0,36
bar
Hochl. Start
GS Start
GS Stopp
Absp./ Ausschl
Absp./ Einsp.
RHF
SPS
abgemeldet
Idle
Prozess Zeit
0:00
Messung
Hochlauf
ABBRUCH [ESC]
Warte auf Benutzer- oder SPS-Kommando
turbo
CONTROL

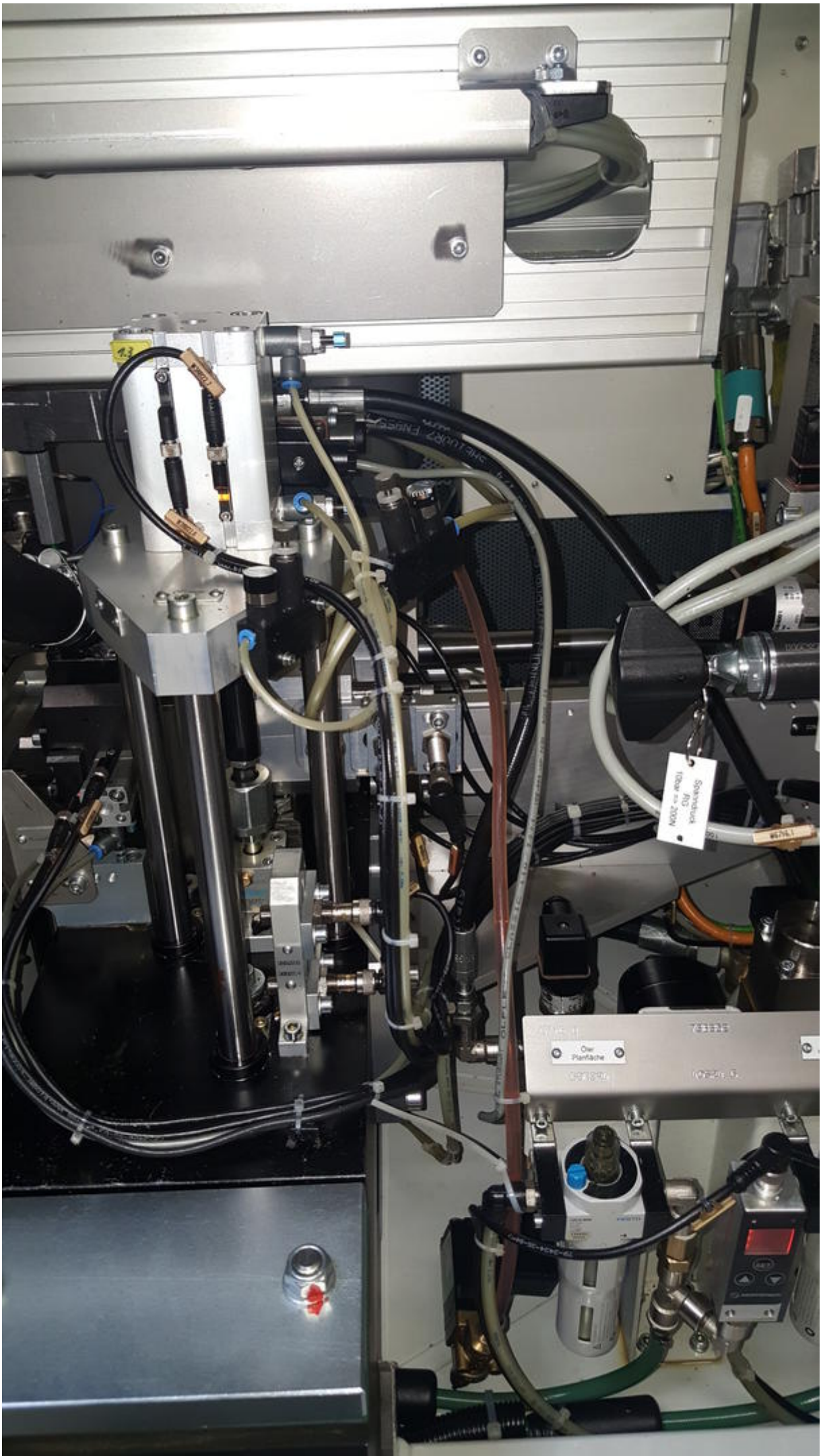

Maschinenbau Böhmer GmbH • Indu
Böhmer
Maschinenbau
www.boehr
made in Germany
Kom. Nr. Kunde 4500000402
Baujahr 2009
Ser. Nr. 0909001 TC: 69066
Gewicht 220 kg

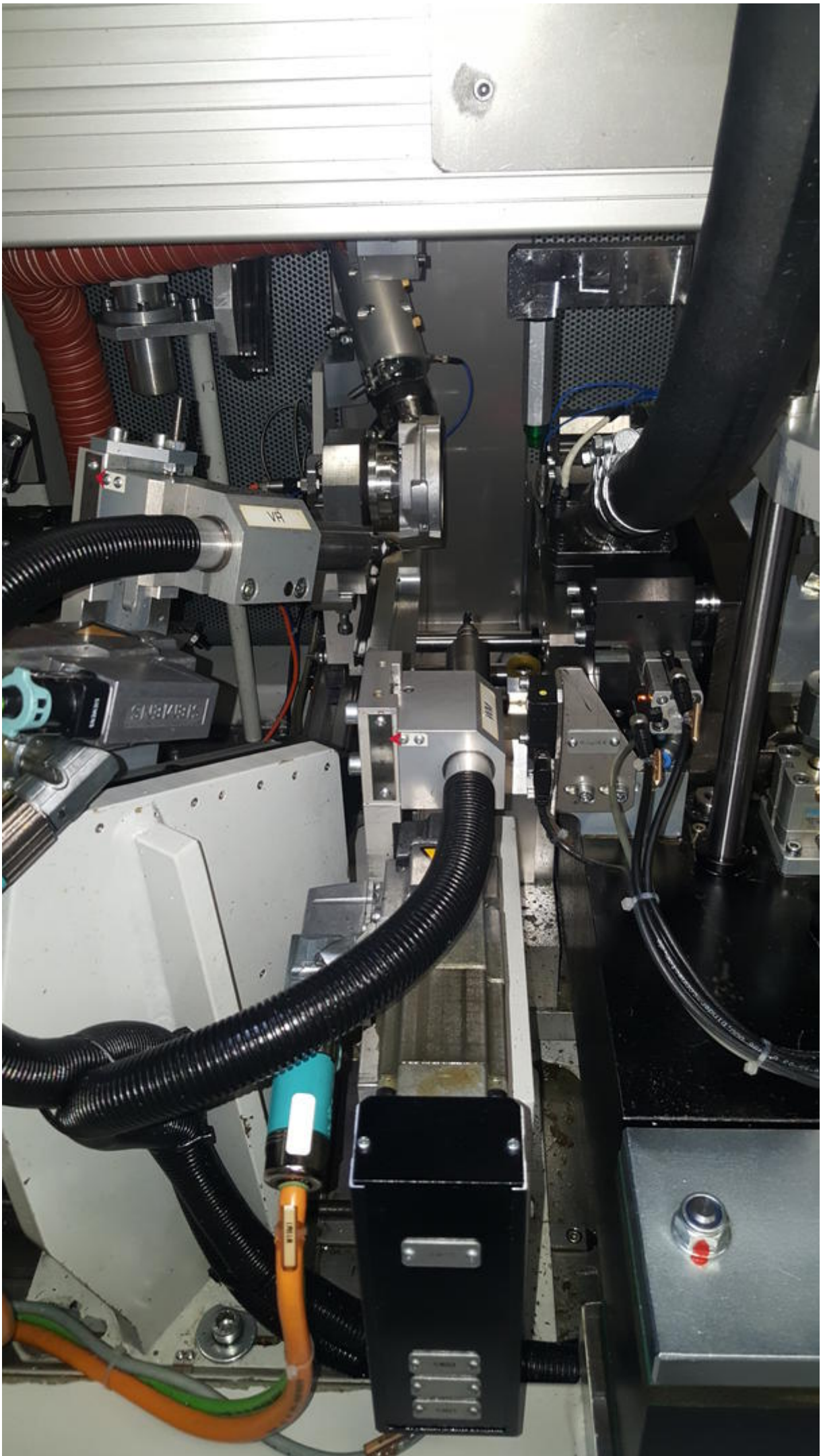

Maschinenbau
Böhm
Maschiner
Kom. Nr. Kunde
Baujahr
Ser. Nr.
Gewicht


HSB 06
CEMB
+A2
0.00
0.00
CEMB




P 46
Rexroth
HLP 46



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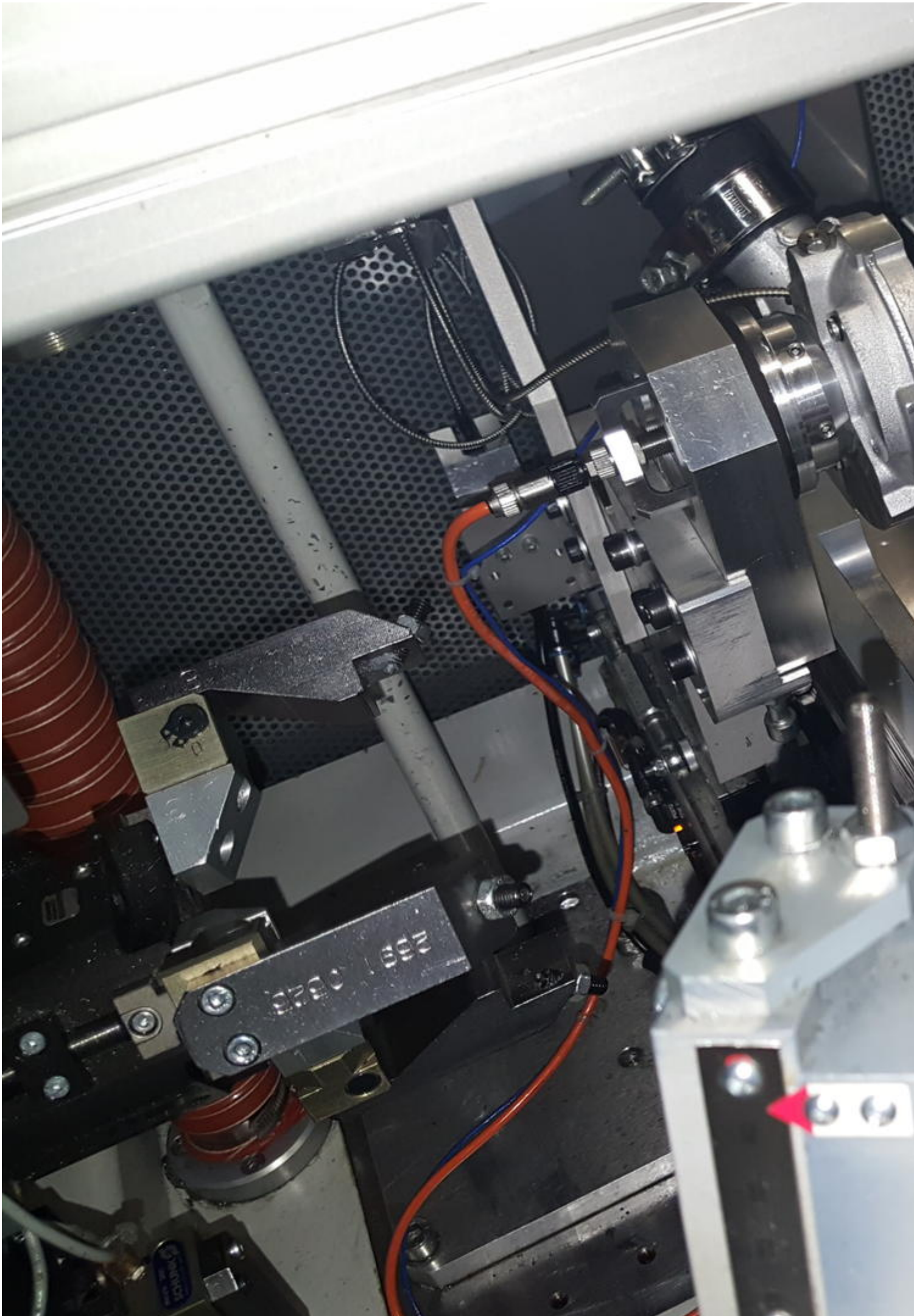
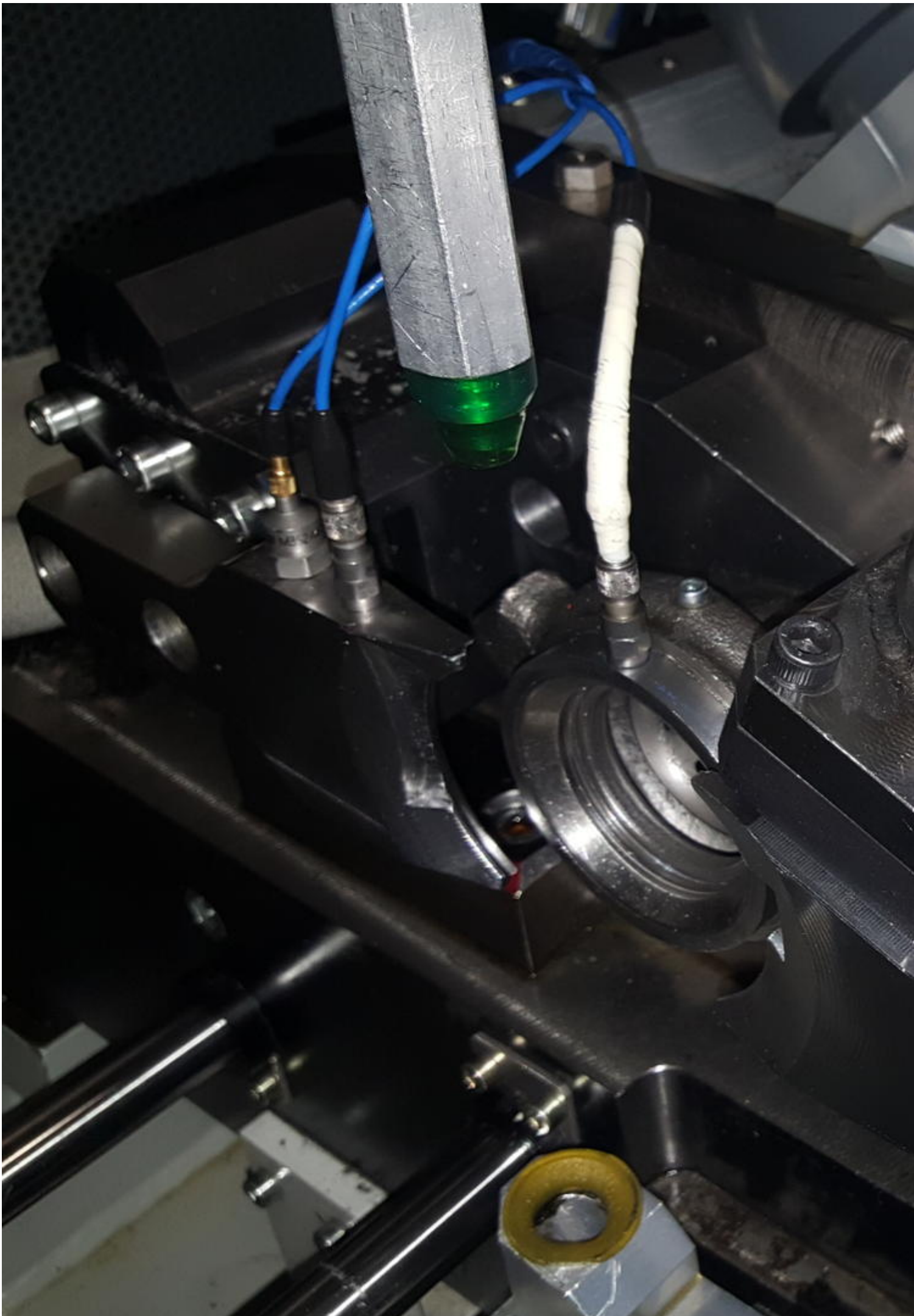
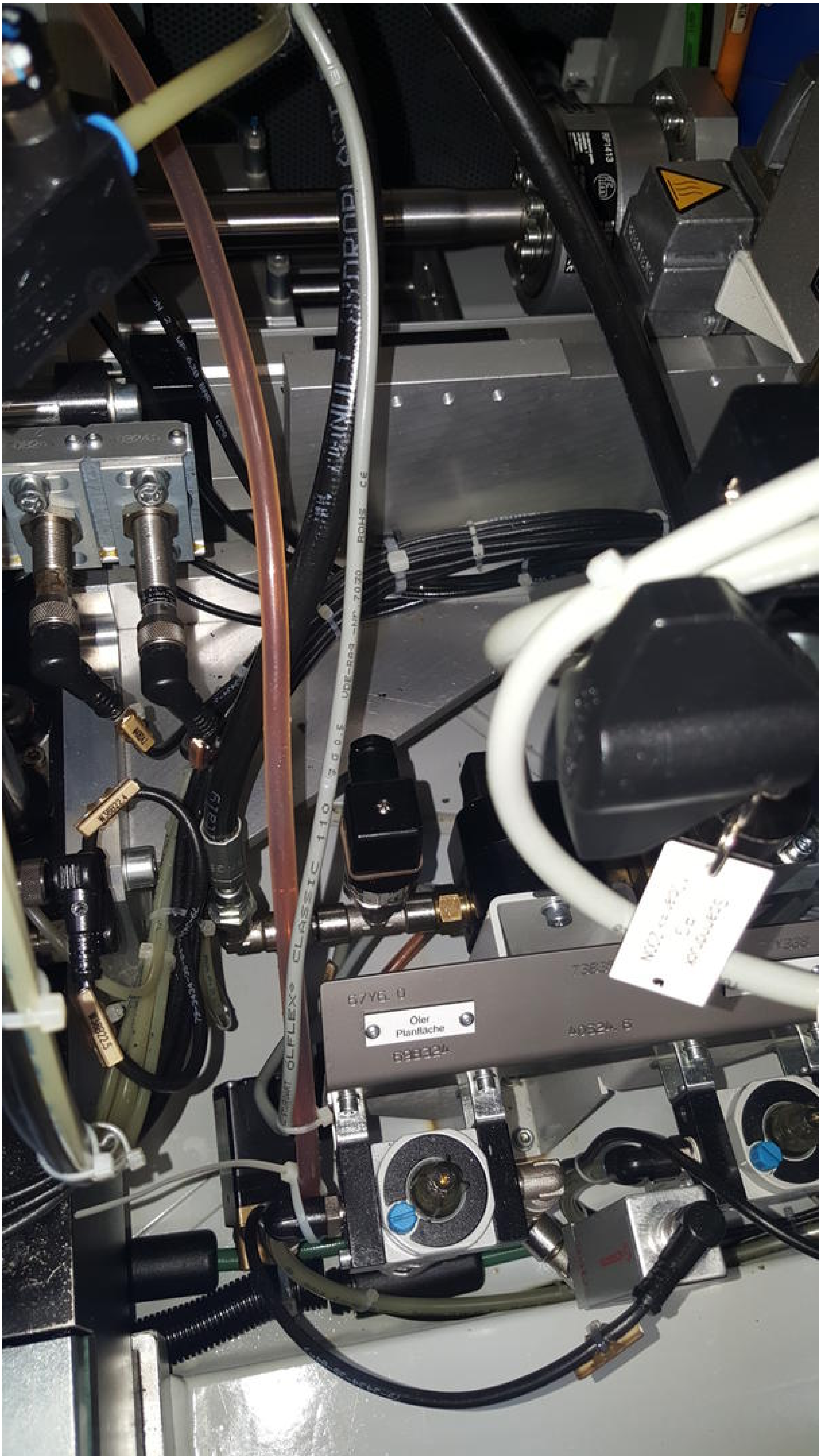
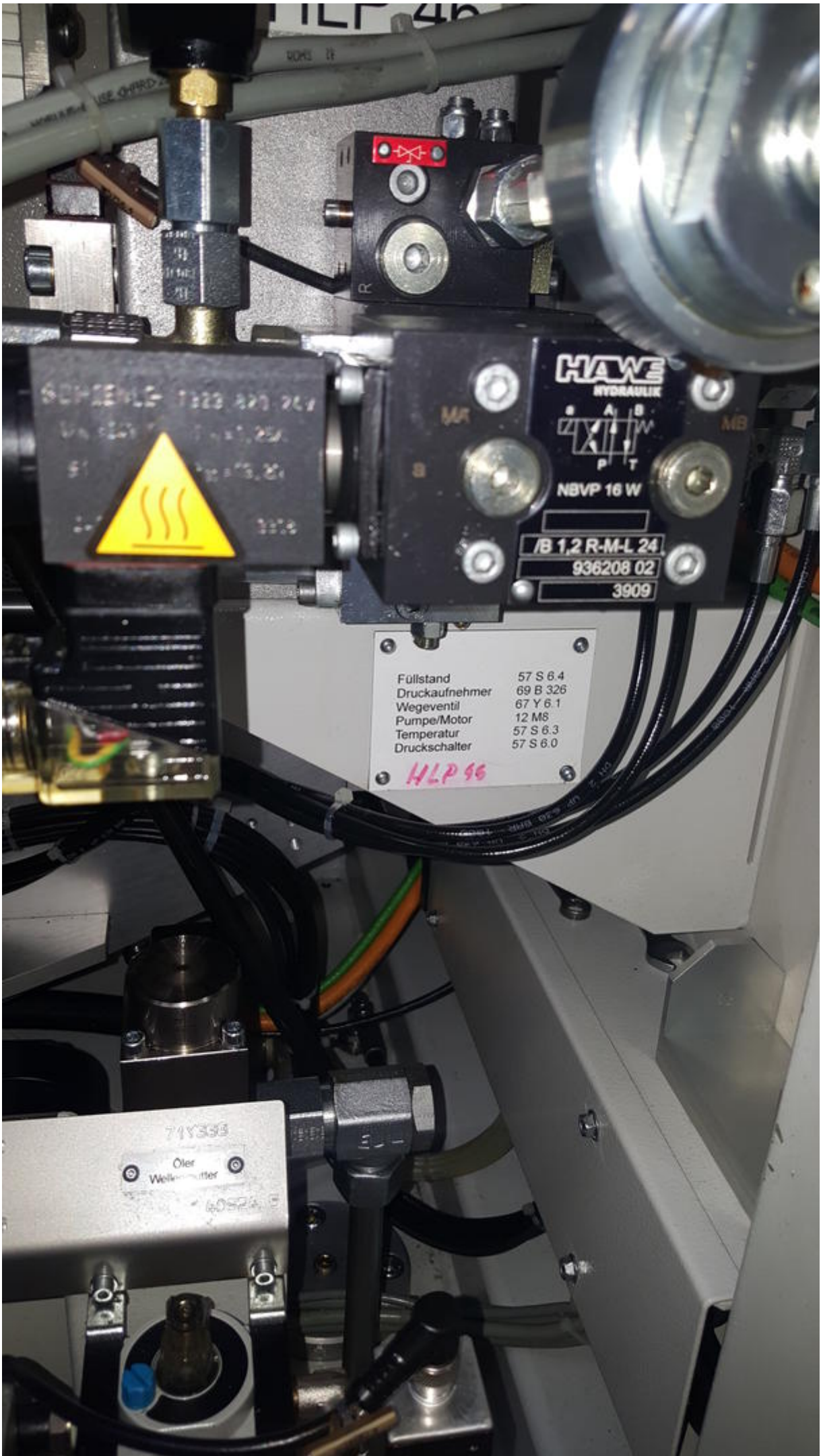
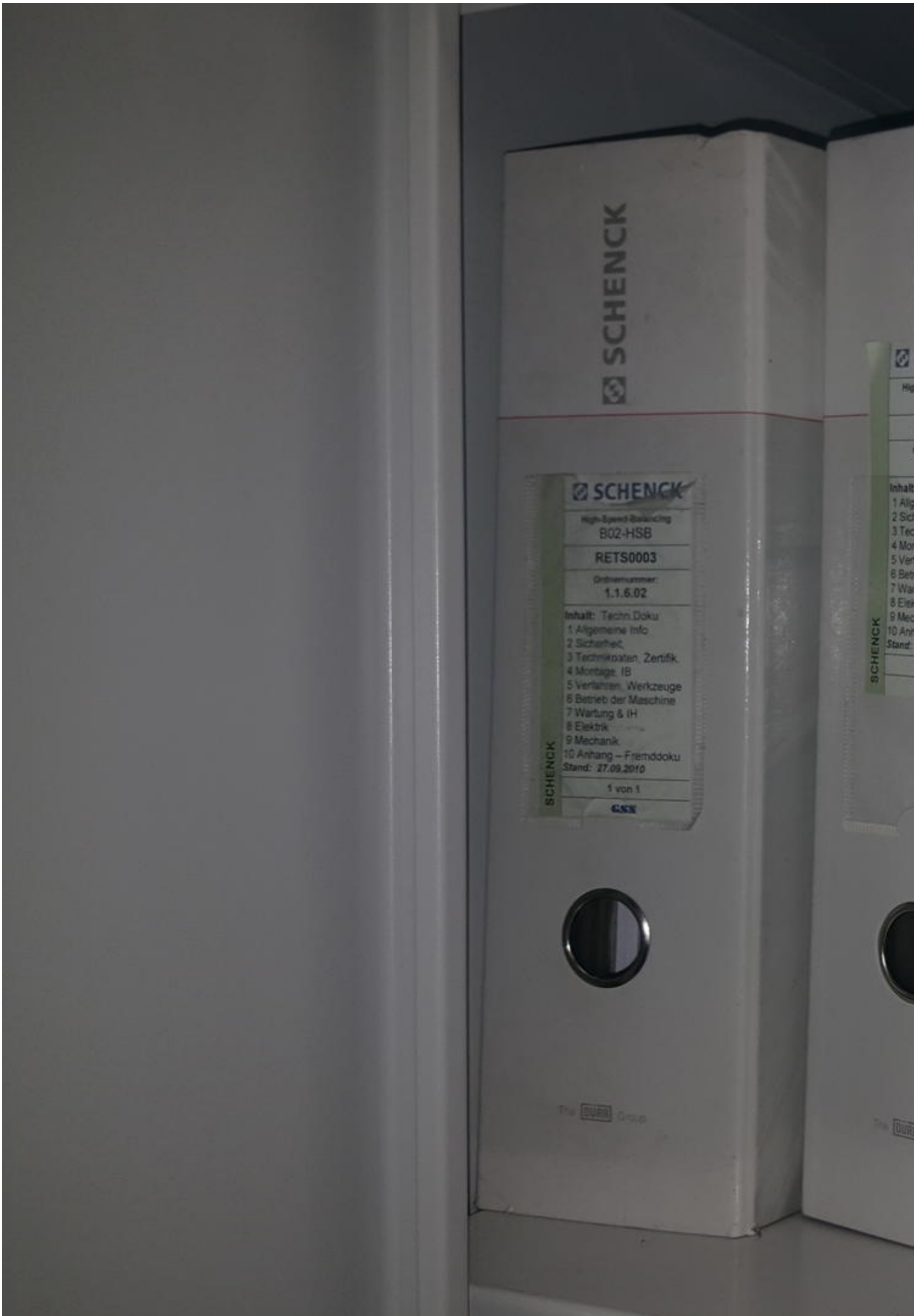
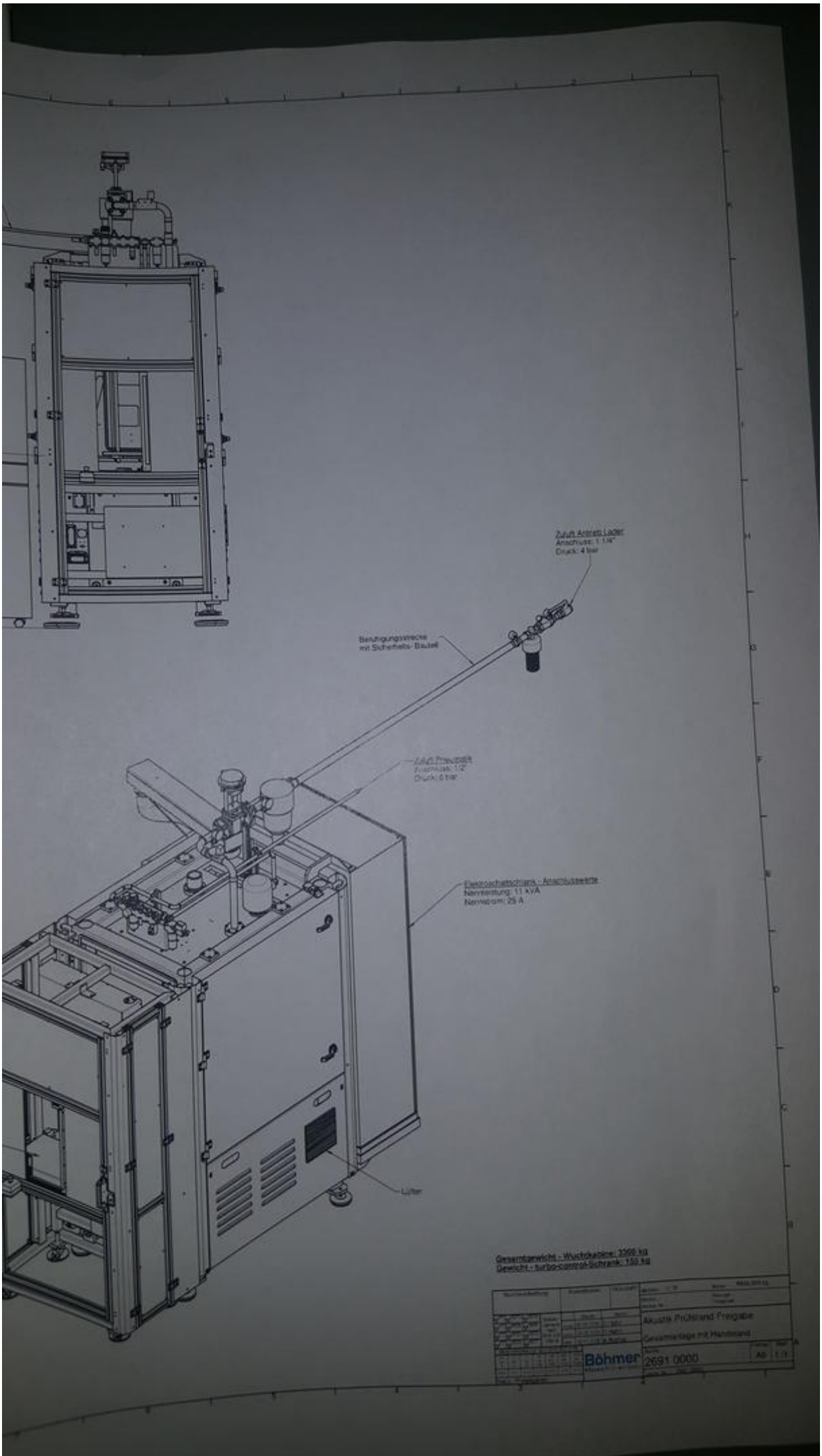


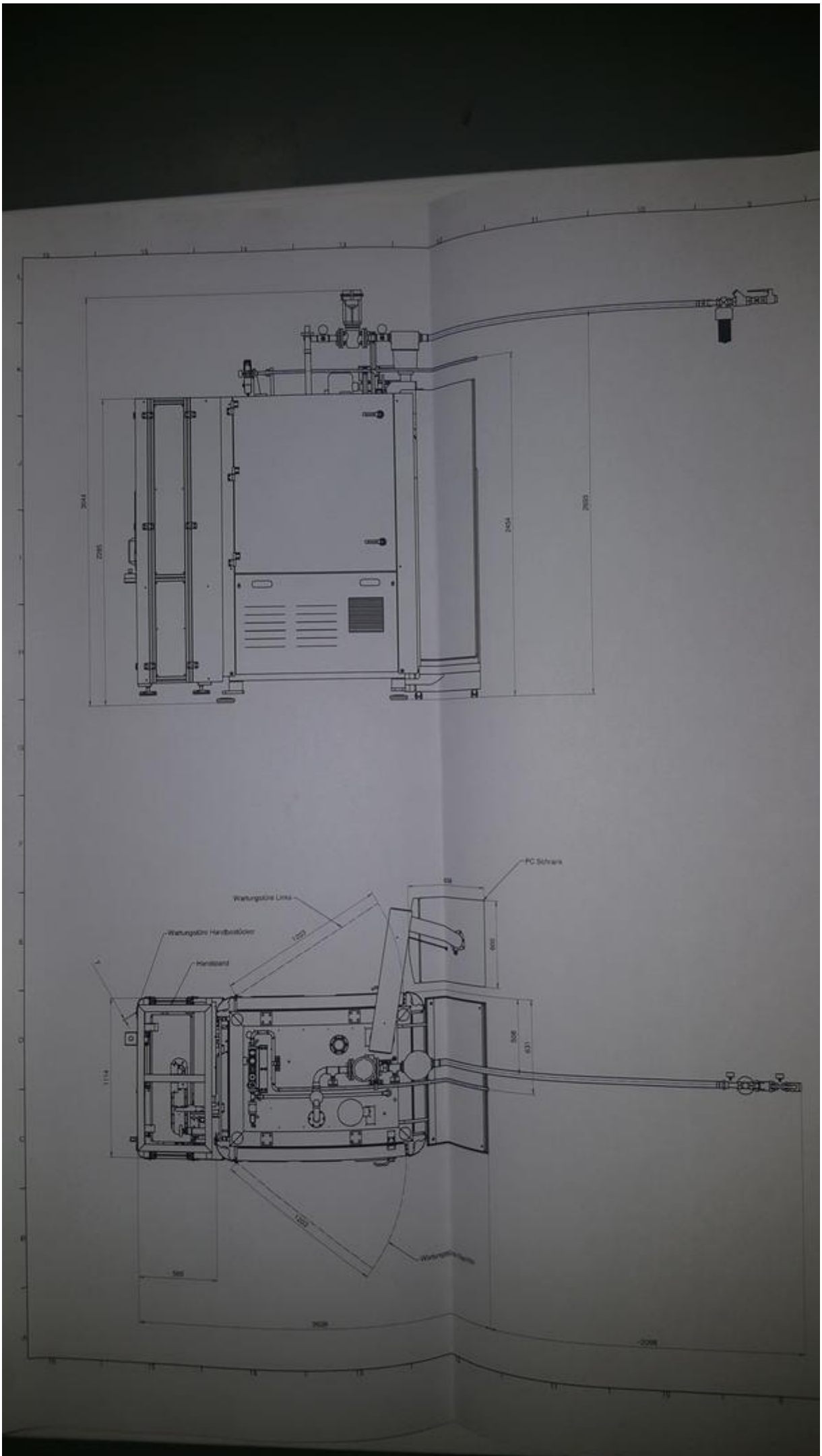


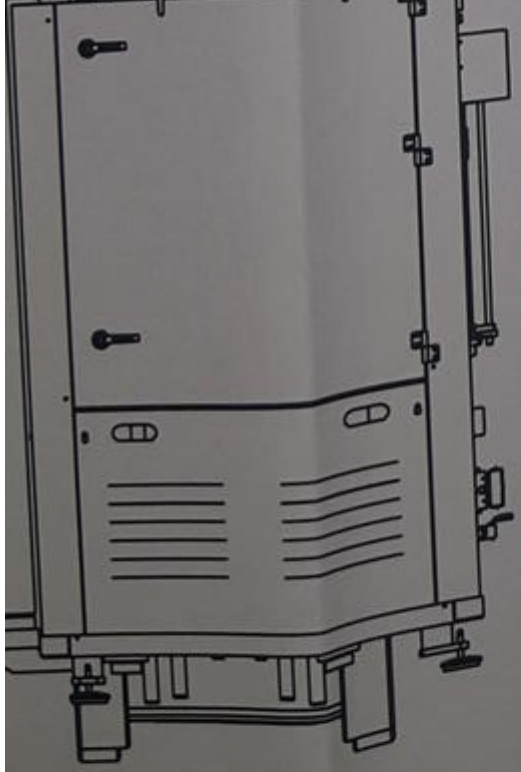

Öler
Planfläche
ÖLFLEX® CLASSIC 110


HAWE
HYDRAULIK
NBVP 16 W
/B 1,2 R-M-L 24
936208 02
3909
Füllstand 57 S 6.4
Druckaufnehmer 69 B 326
Wegeventil 67 Y 6.1
Pumpe/Motor 12 M8
Temperatur 57 S 6.3
Druckschalter 57 S 6.0
HLP 46
Öler


SCHENCK
SCHENCK
High-Speed-Balancing
B02-HSB
RETS0003
Ordnernummer:
1.1.6.02
Inhalt: Techn.Doku
1 Allgemeine Info
2 Sicherheit,
3 Technikdaten, Zertifik.
4 Montage, IB
5 Verfahren, Werkzeuge
6 Betrieb der Maschine
7 Wartung & IH
8 Elektrik
9 Mechanik
10 Anhang – Fremddoku
Stand: 27.09.2010
1 von 1
GSX
SCHENCK


Zuluft Antrieb Lager
Anschluss: 1 1/4"
Druck: 4 bar
Beruhigungsstrecke
mit Sicherheits- Ventil
Zuluft Prüfstand
Anschluss: 1/2"
Druck: 6 bar
Elektroschaltschrank - Anschlusswerte
Nennleistung: 11 kVA
Nennstrom: 25 A
Lüfter
Gesamtgewicht - Wuchtkabine: 3300 kg
Gewicht - turbocontrol-Schrank: 150 kg
Akustik Prüfstand Freigabe
Gesamtlage mit Handstand
Böhmer
2691 0000
A0 1:1


PC Schrank
Wartungsbrd Links
Wartungsbrd Handbedienen
Handstand



Antirutschmatten (2x) zum sicheren
Transport der Wuchtkabine

- Wuchtkabine mit geeigneten Gurten auf Ladefläche sichern
- Beim Transport mit Stapler Antirutschmatten verwenden
- Gewicht Wuchtkabine: 3100 kg

Nachbearbeitung:	Kommission:	Stückzahl:
-		

		Datum	Name
Schutzvermerk nach DIN ISO 16016	modul.	07.10.2009	A.Richter
	detail.	07.10.2009	A.Richter
	grspr.	16.11.2009	A.Richter

Allgemeintoleranz nach DIN ISO 2768

0.5 bis 3	3 bis 6	6 bis 30	30 bis 120	120 bis 400	400 bis 1000	1000 bis 2000
± 0,1	± 0,1	± 0,2	± 0,3	± 0,5	± 0,8	± 1,2

Status : Freigegeben

Böhmer Maschinenbau

Maßstab : 1:20	Masse :
Werkst. :	Rohmaß :
Werkst. Nr.:	Fertigmaß :

Transport Wuchtkabine

Art-Nr. :	Format	Blatt
2691 1000T	A2	1 /1

Zeichn.-Nr. : 2691 1000T

B

A

4 3 2 1

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

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

Ref. No.:
829-07240122

Overview and Technical Data:

BÖHMER Maschinenbau Turbo control Acoustic Balancing Machine

BÖHMER

Year of Build:
Jan 2009

Description:

Used BÖHMER HSB - Acoustic Test Stand & Turbo-Control Balancing Machine

Balancing machine for rotors for Turbocharger group

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Acoustical test stand for checking and then balancing turbocharger fuselage

groups.

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- Alignment unit

- grippers

- Milling unit with compressed air milling spindle

More details on request

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Technical Data:

Technical Data:

Control:
CNC

Dimensions and Weight:

Height:
2.285 mm
Length:
2.608 mm

Width:
1.114 mm
Weight:
3.700 kg

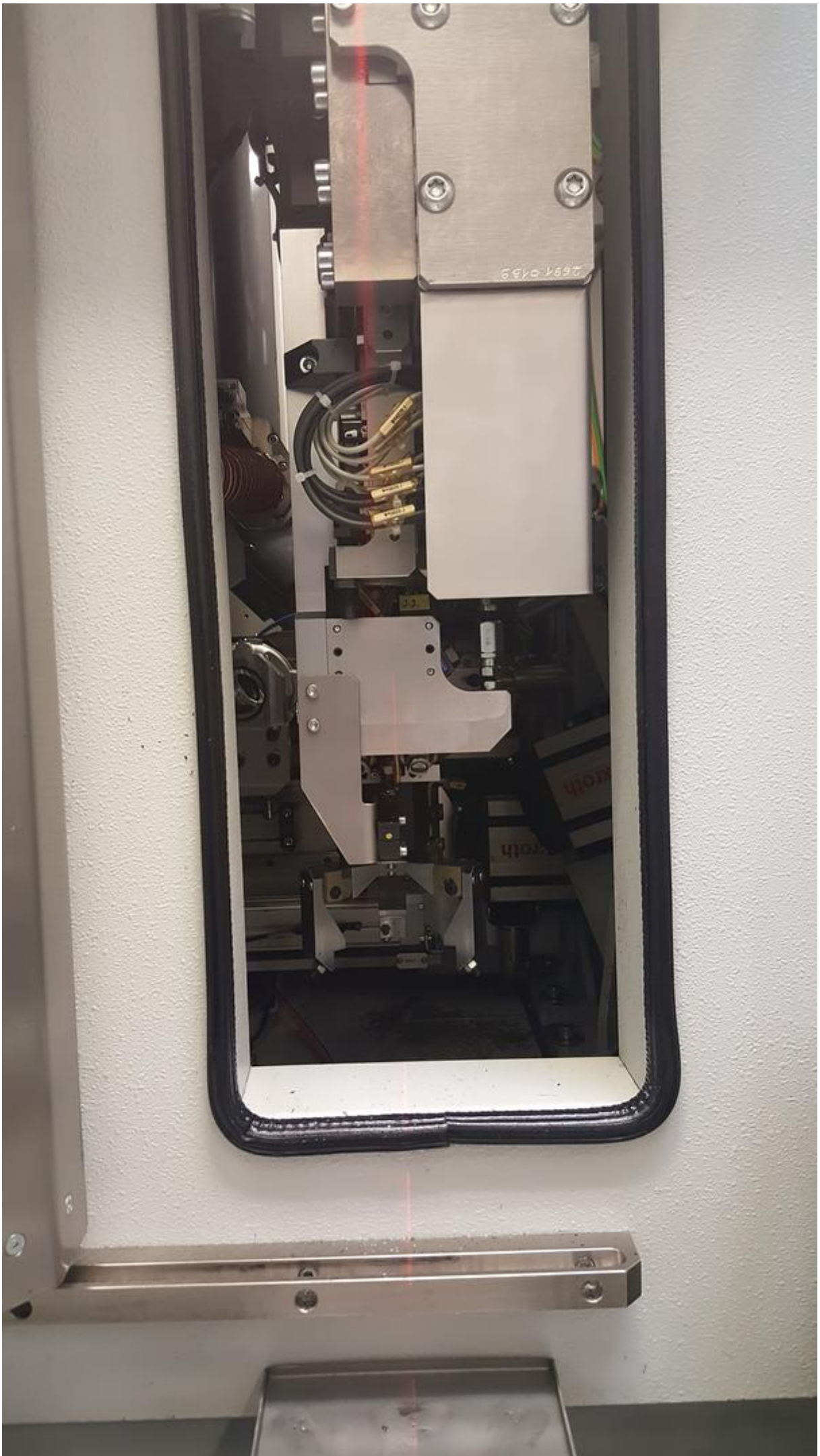
Buyer Information:

Condition:
Very good condition
Available:
On Request
Sold as:
EXW (Ex Works - Incoterm)
VAT:
19 %
Location:
Germany

Images:


Böhmer
HSB 04

1

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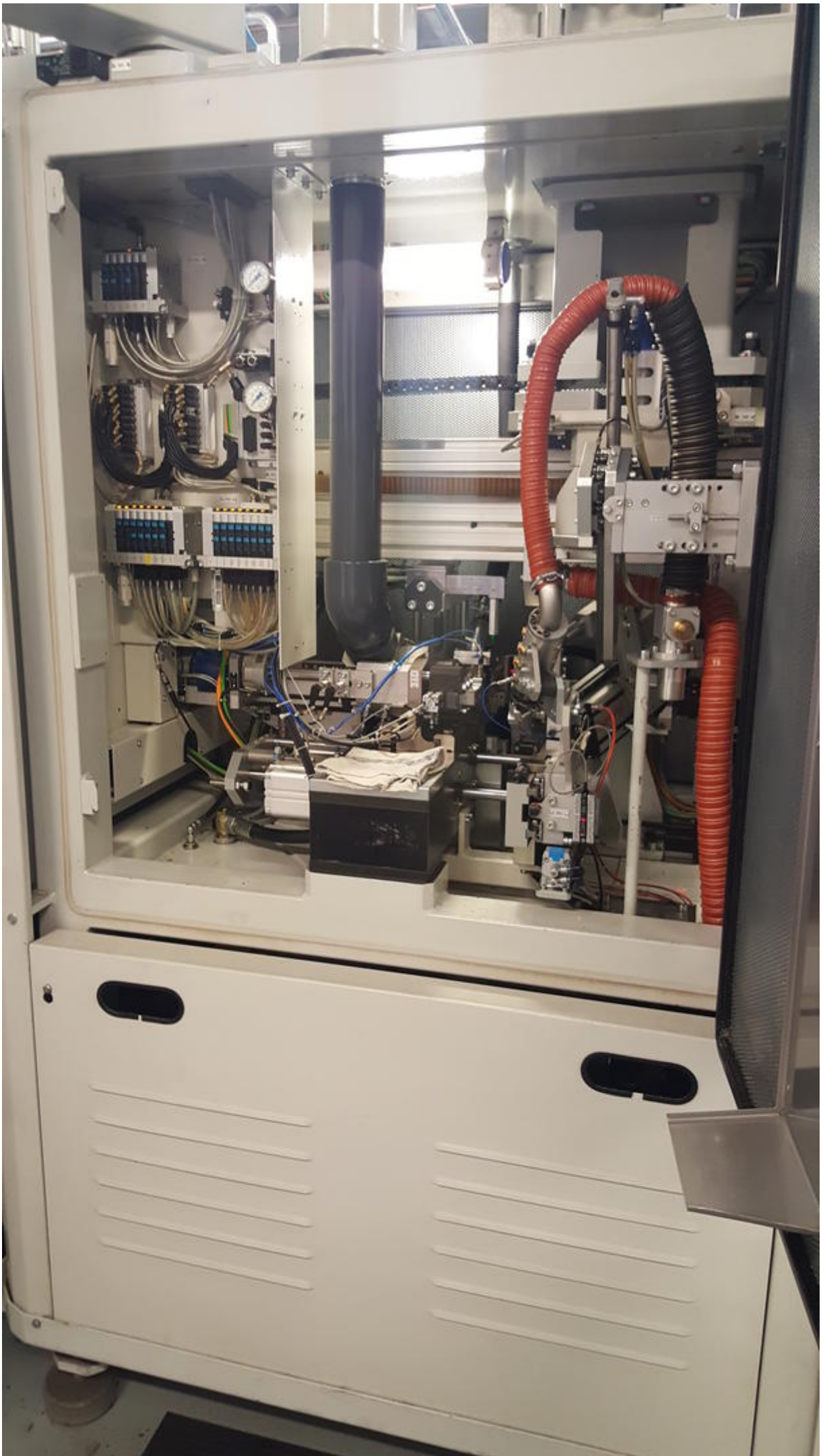
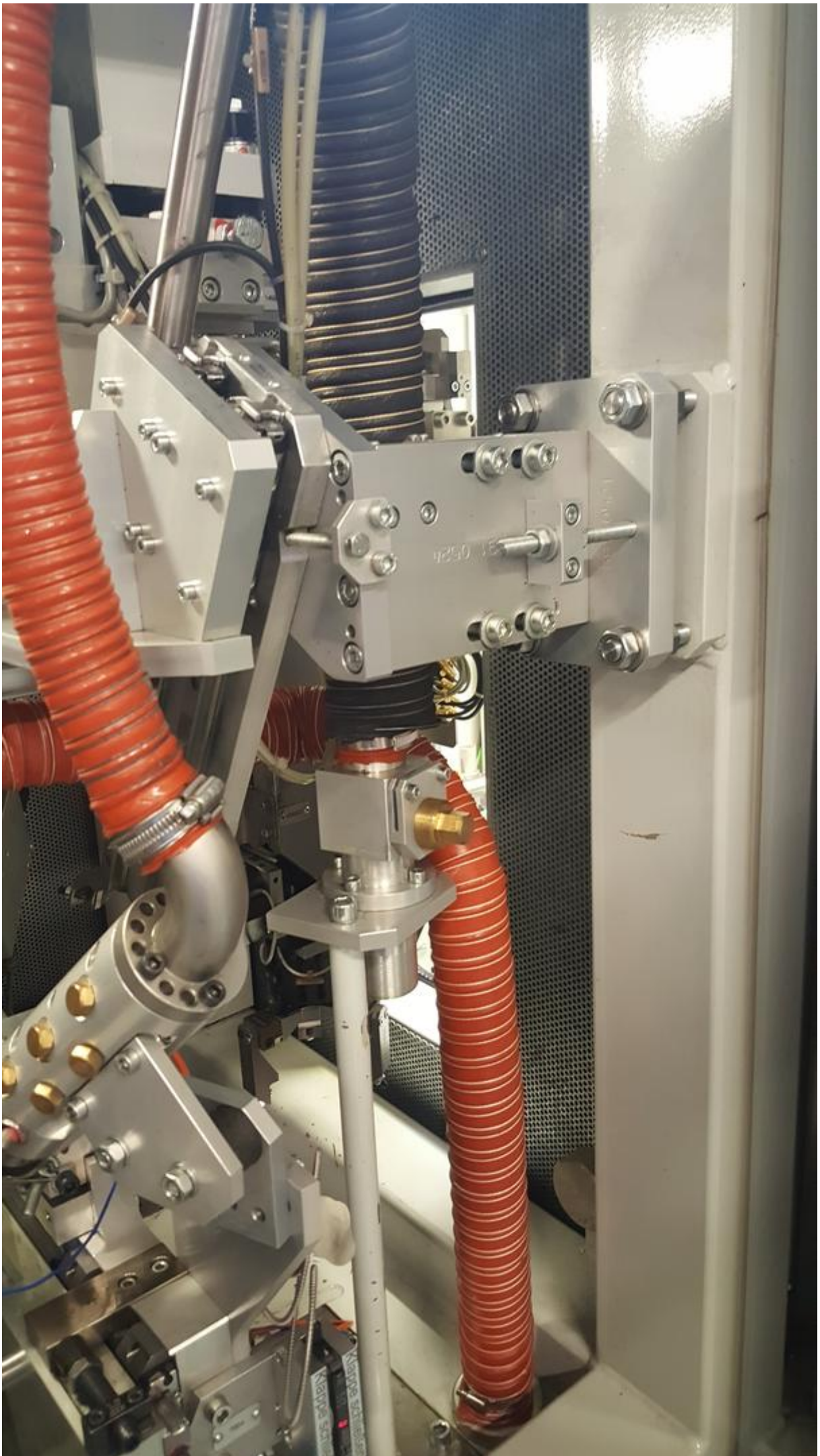
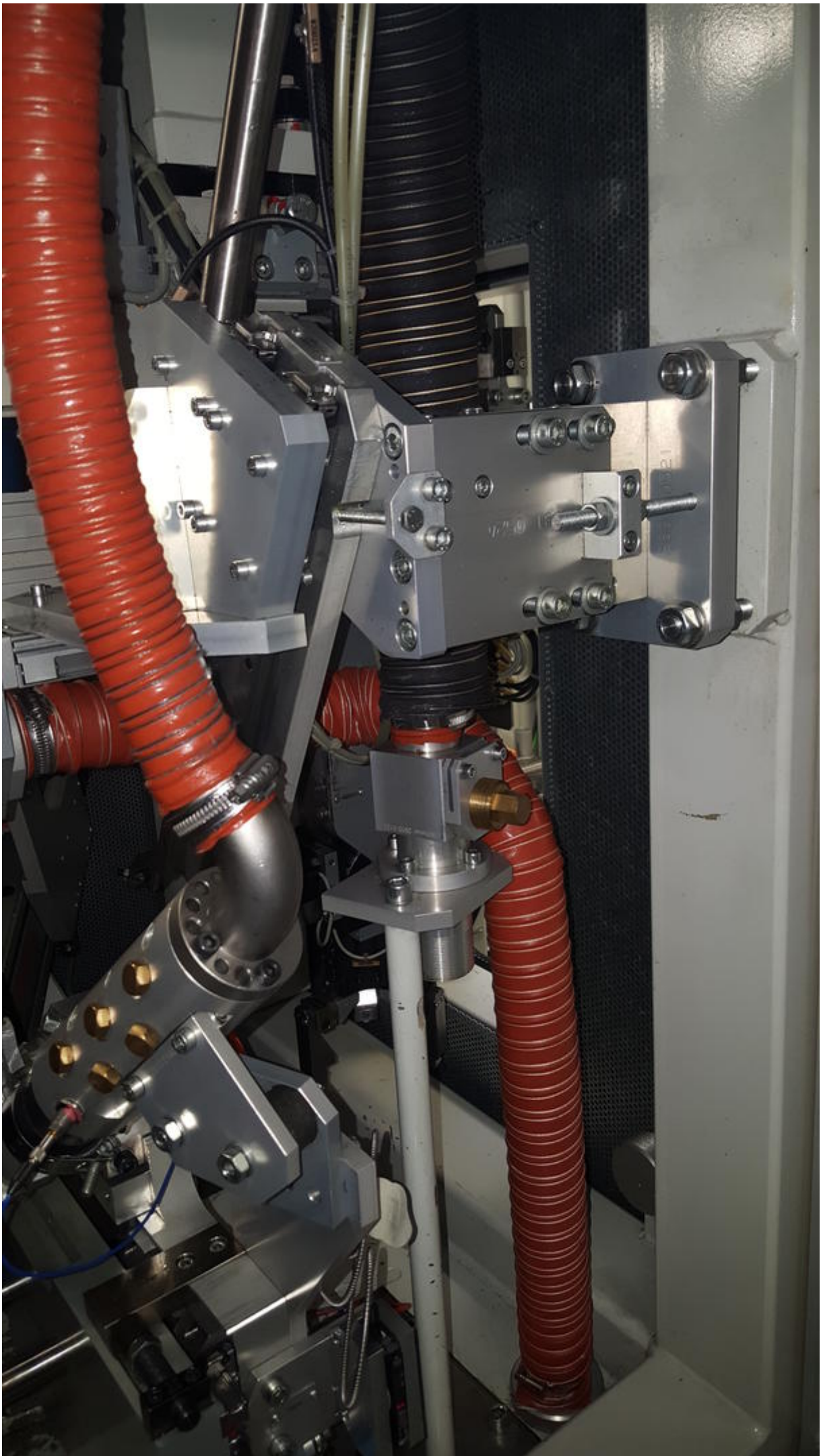
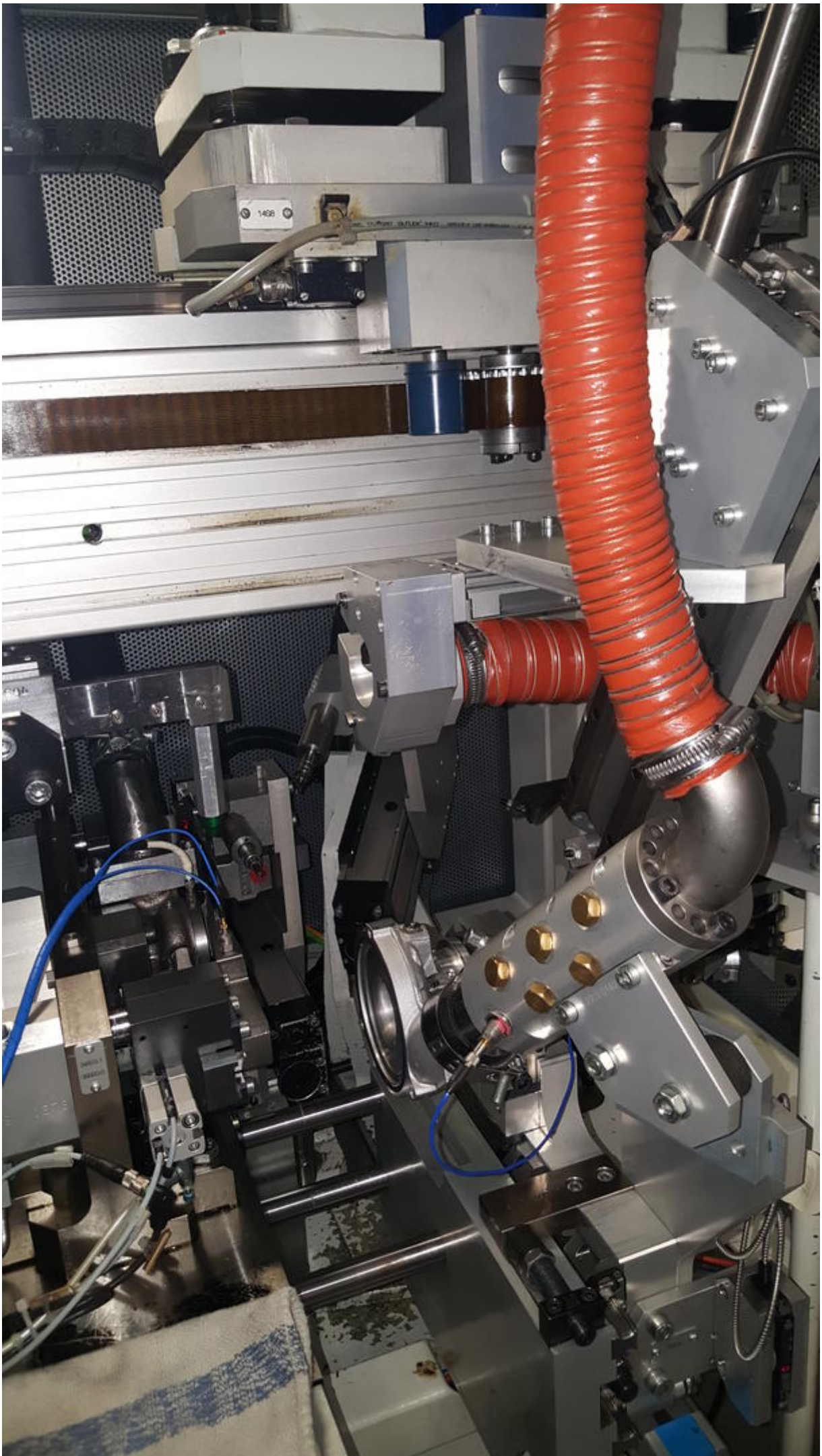
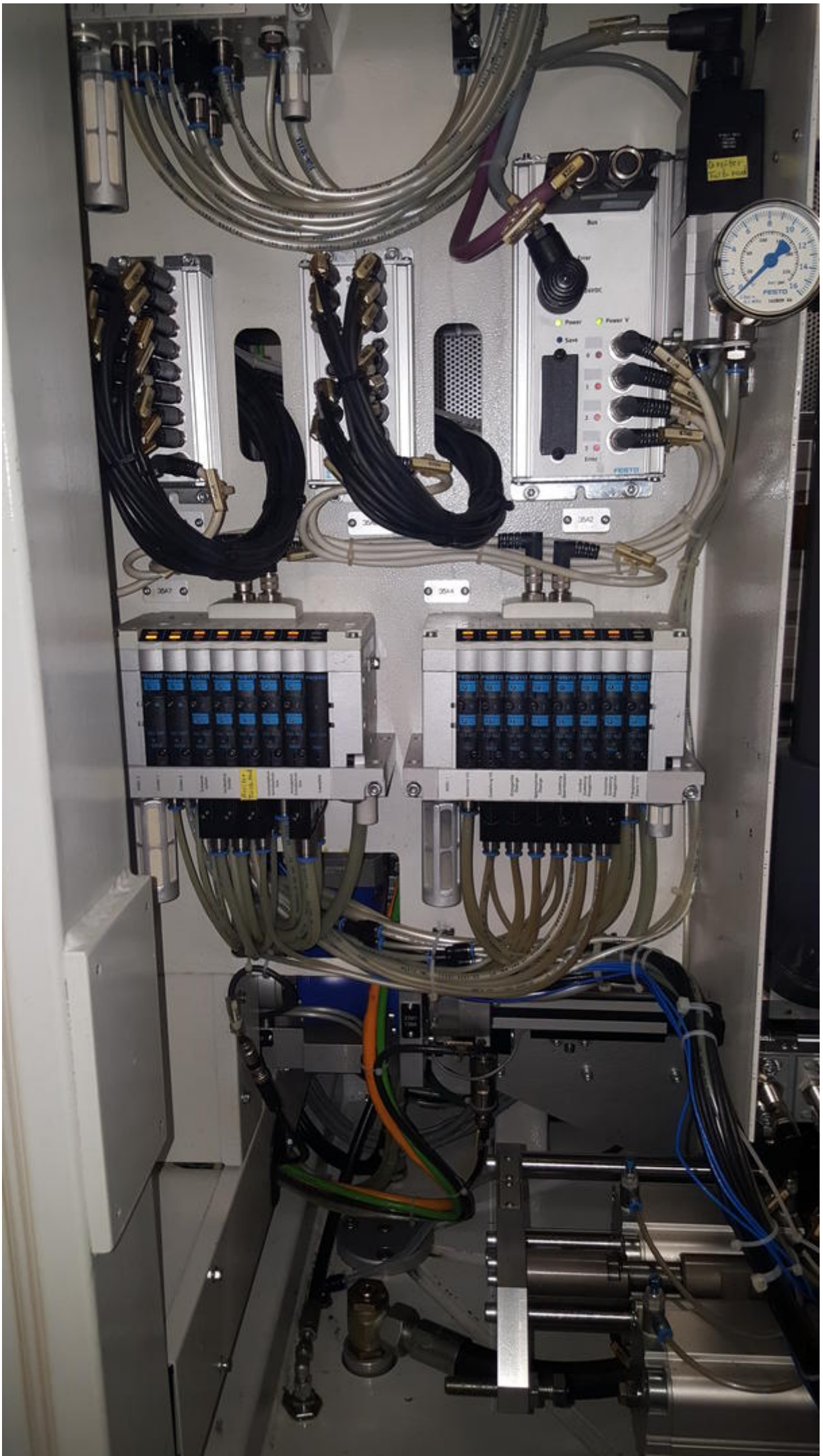
www.

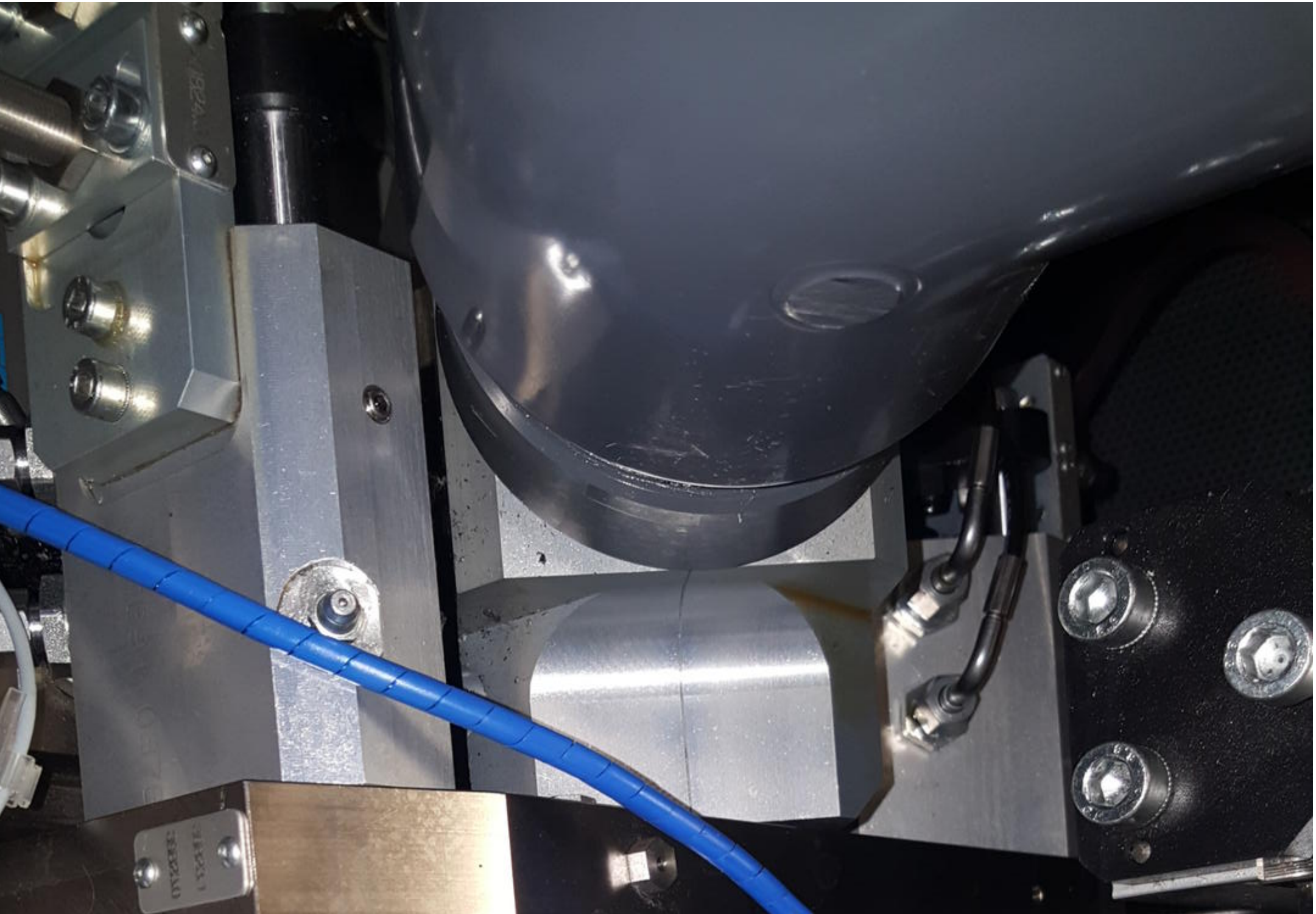


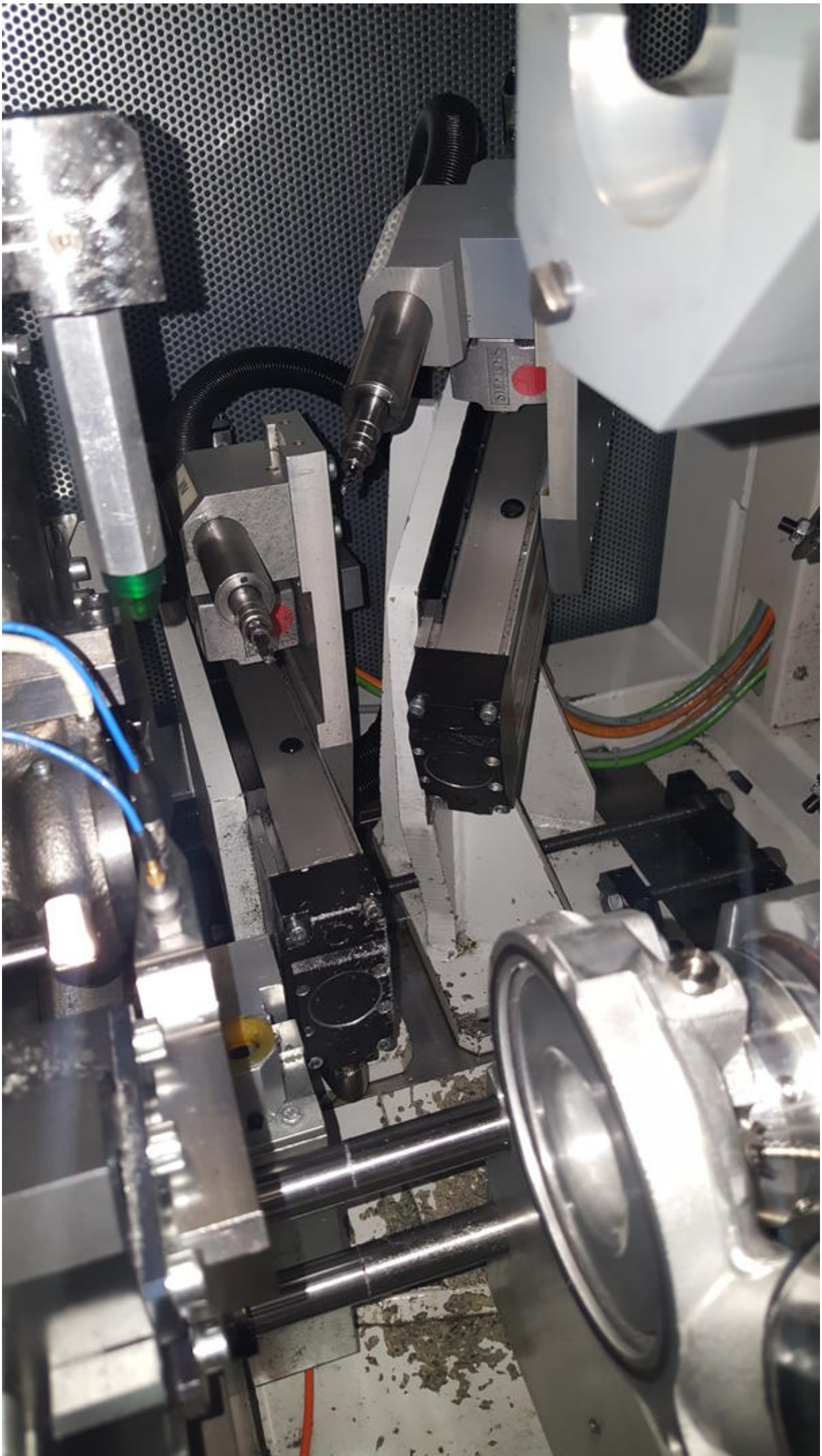


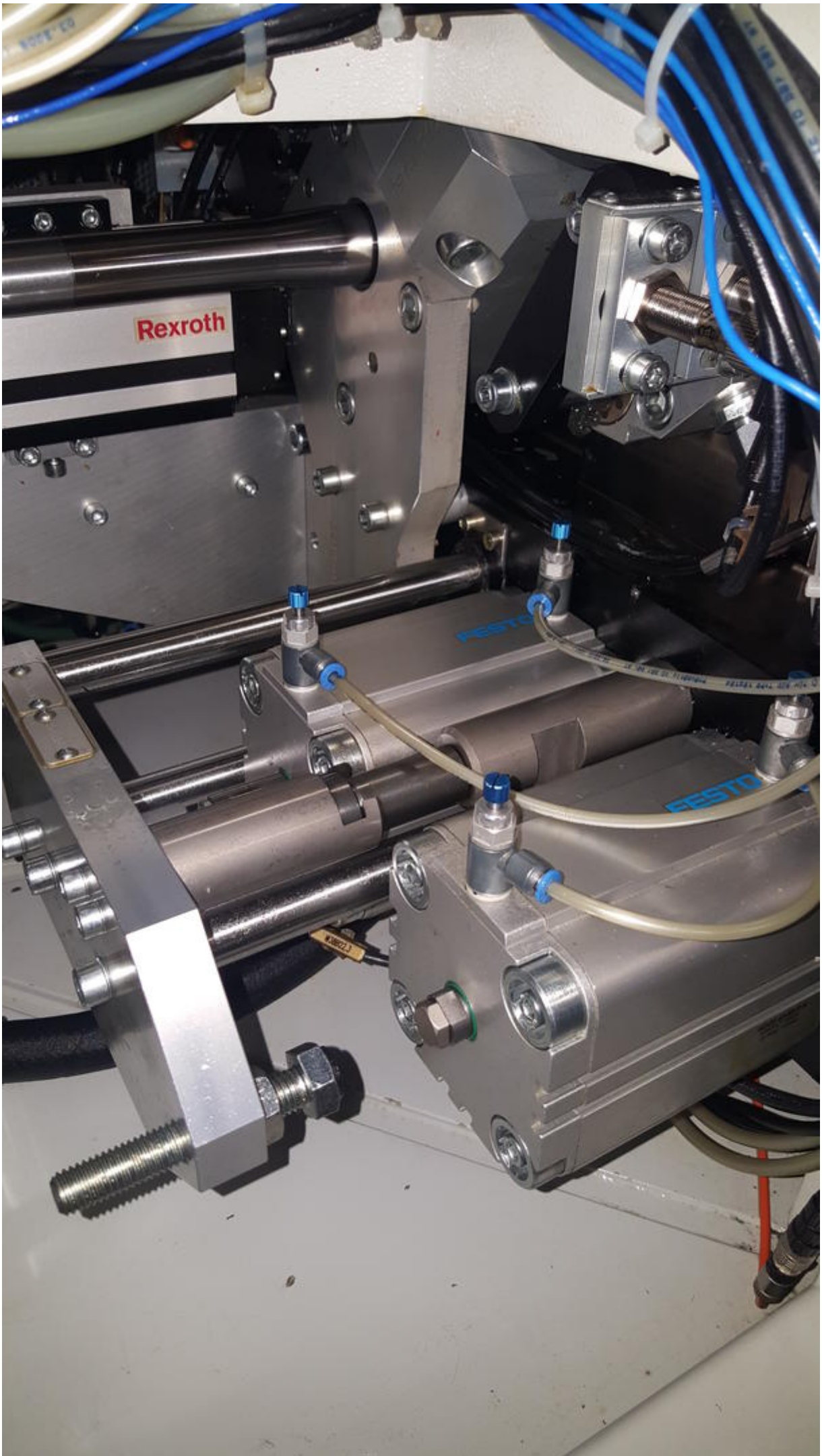




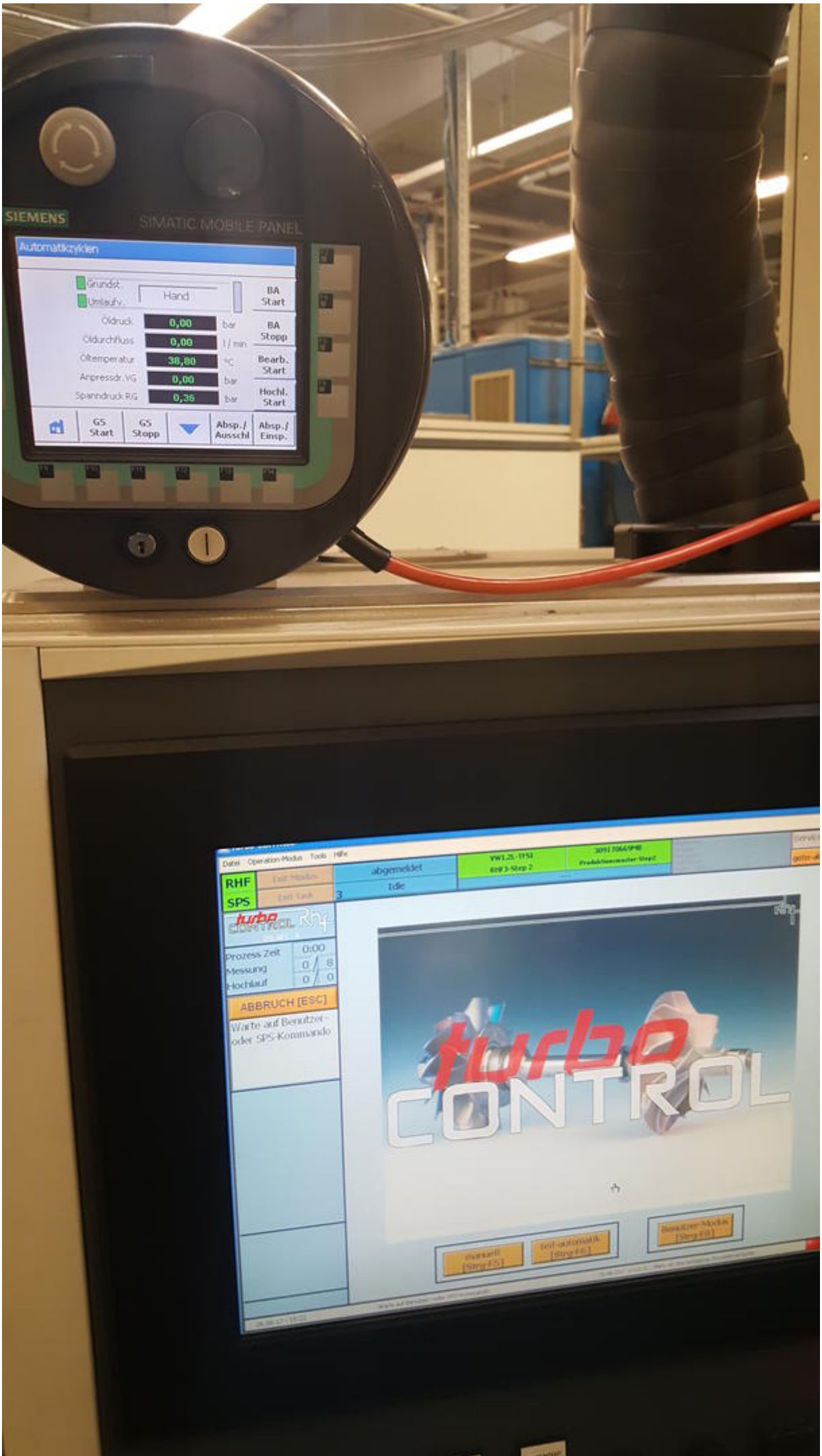

Bus
Power
Power V
Save
FESTO




SIEMENS


Rexroth
FESTO
FESTO

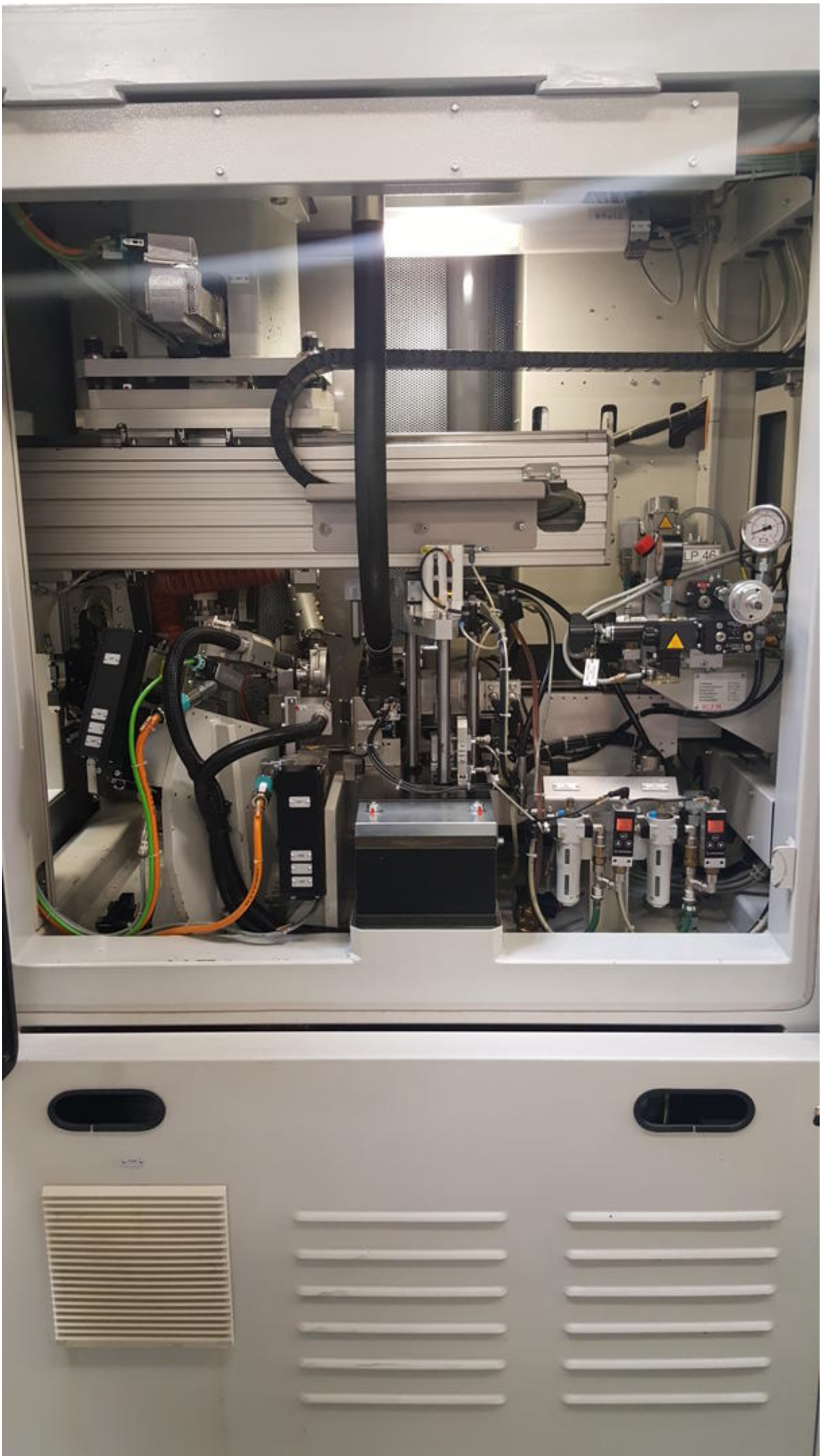

turbo
CONTROL

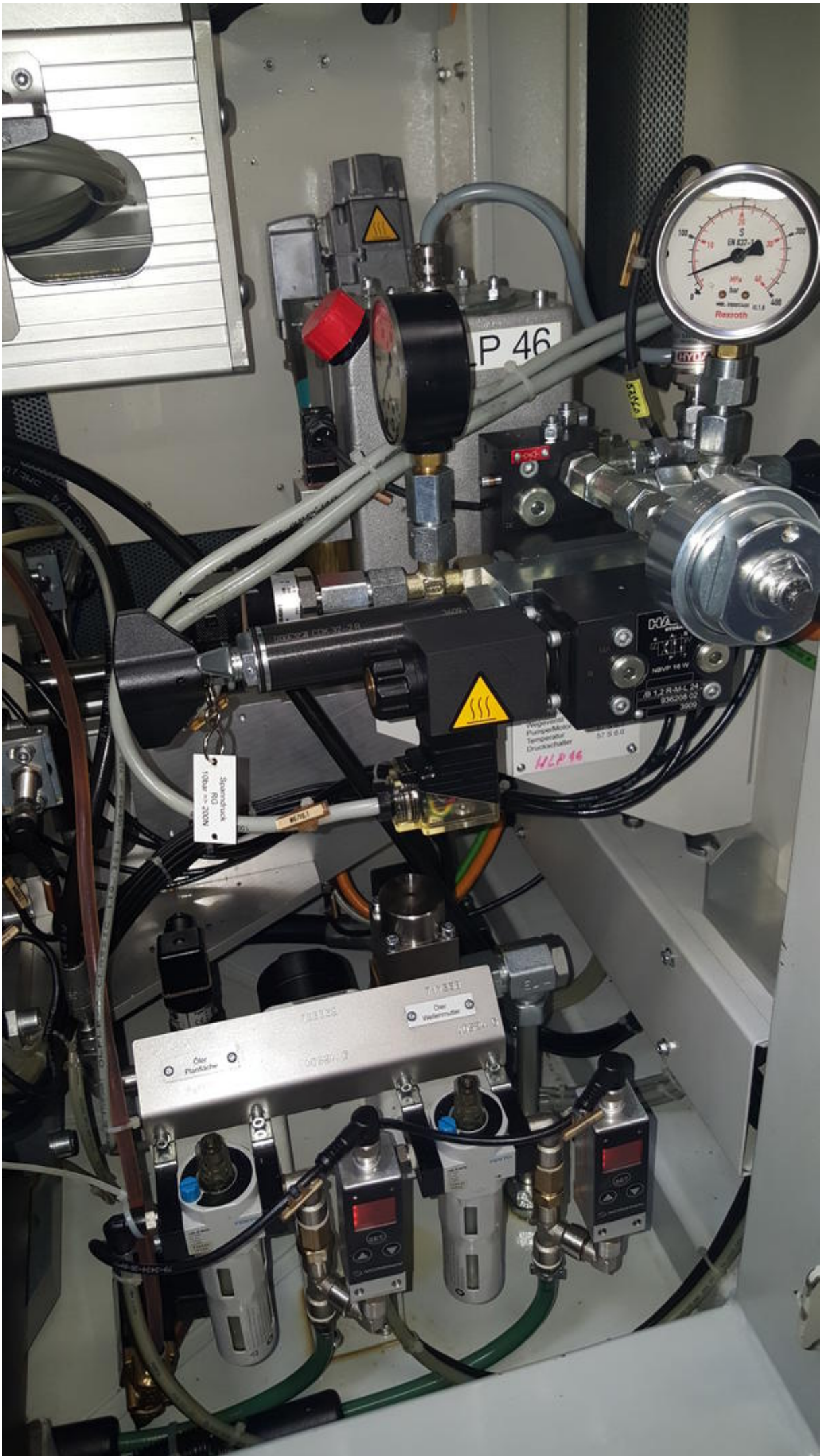

SIEMENS
SIMATIC MOBILE PANEL
Automatikzyklen
Grundst.
Umlaufv.
Hand
BA Start
Öldruck
0,00
bar
BA Stopp
Öldurchfluss
0,00
l / min
Öltemperatur
38,80
°C
Bearb. Start
Anpressdr.VG
0,00
bar
Spanndruck RG
0,36
bar
Hochl. Start
GS Start
GS Stopp
Absp./ Ausschl
Absp./ Einsp.
RHF
SPS
abgemeldet
Idle
Prozess Zeit
0:00
Messung
Hochlauf
ABBRUCH [ESC]
Warte auf Benutzer- oder SPS-Kommando
turbo
CONTROL

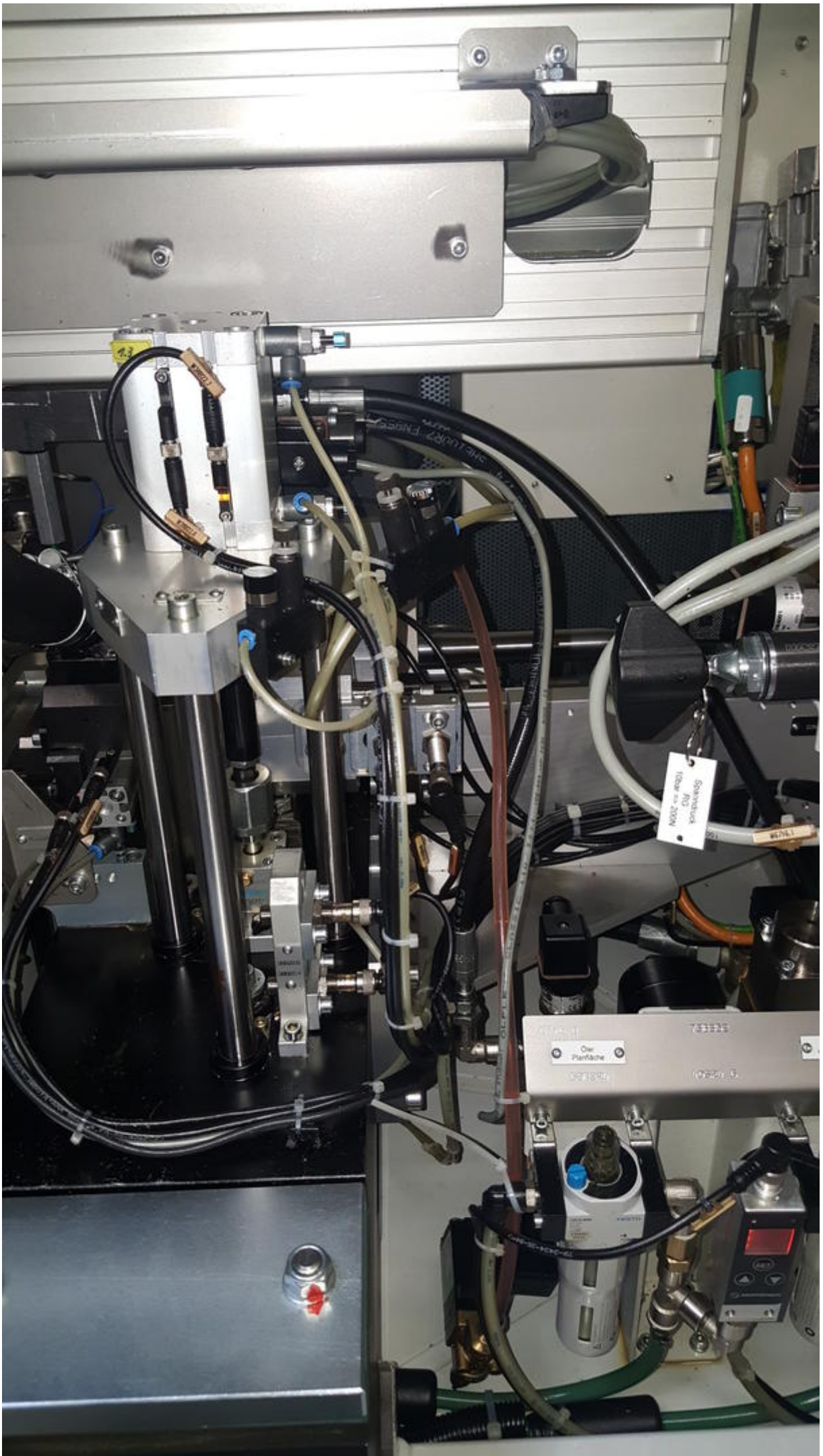

Maschinenbau Böhmer GmbH • Indu
Böhmer
Maschinenbau
www.boehr
made in Germany
Kom. Nr. Kunde 4500000402
Baujahr 2009
Ser. Nr. 0909001 TC: 69066
Gewicht 220 kg

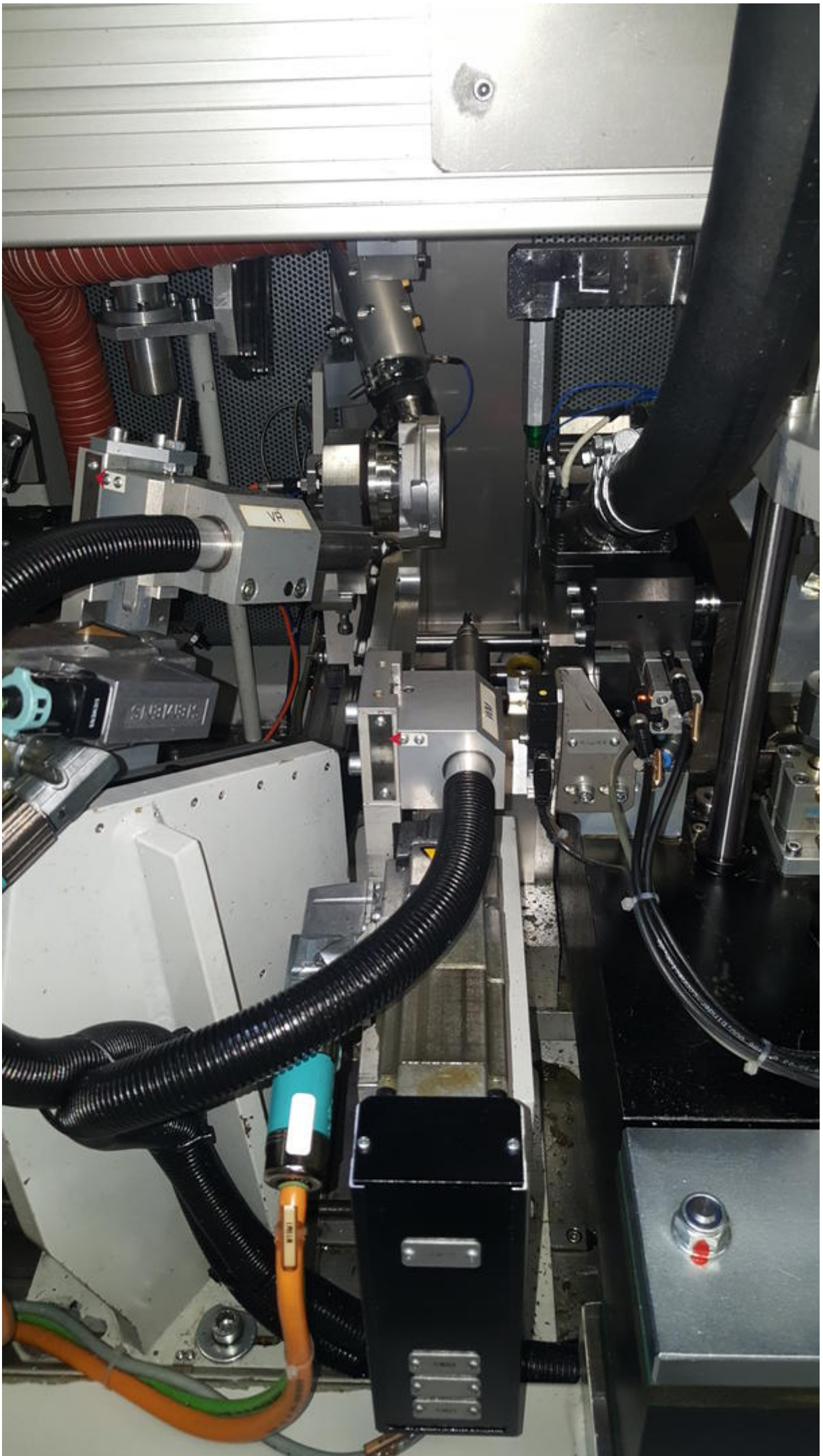

Maschinenbau
Böhm
Maschiner
Kom. Nr. Kunde
Baujahr
Ser. Nr.
Gewicht


HSB 06
CEMB
+A2
0.00
0.00
CEMB




P 46
Rexroth
HLP 46



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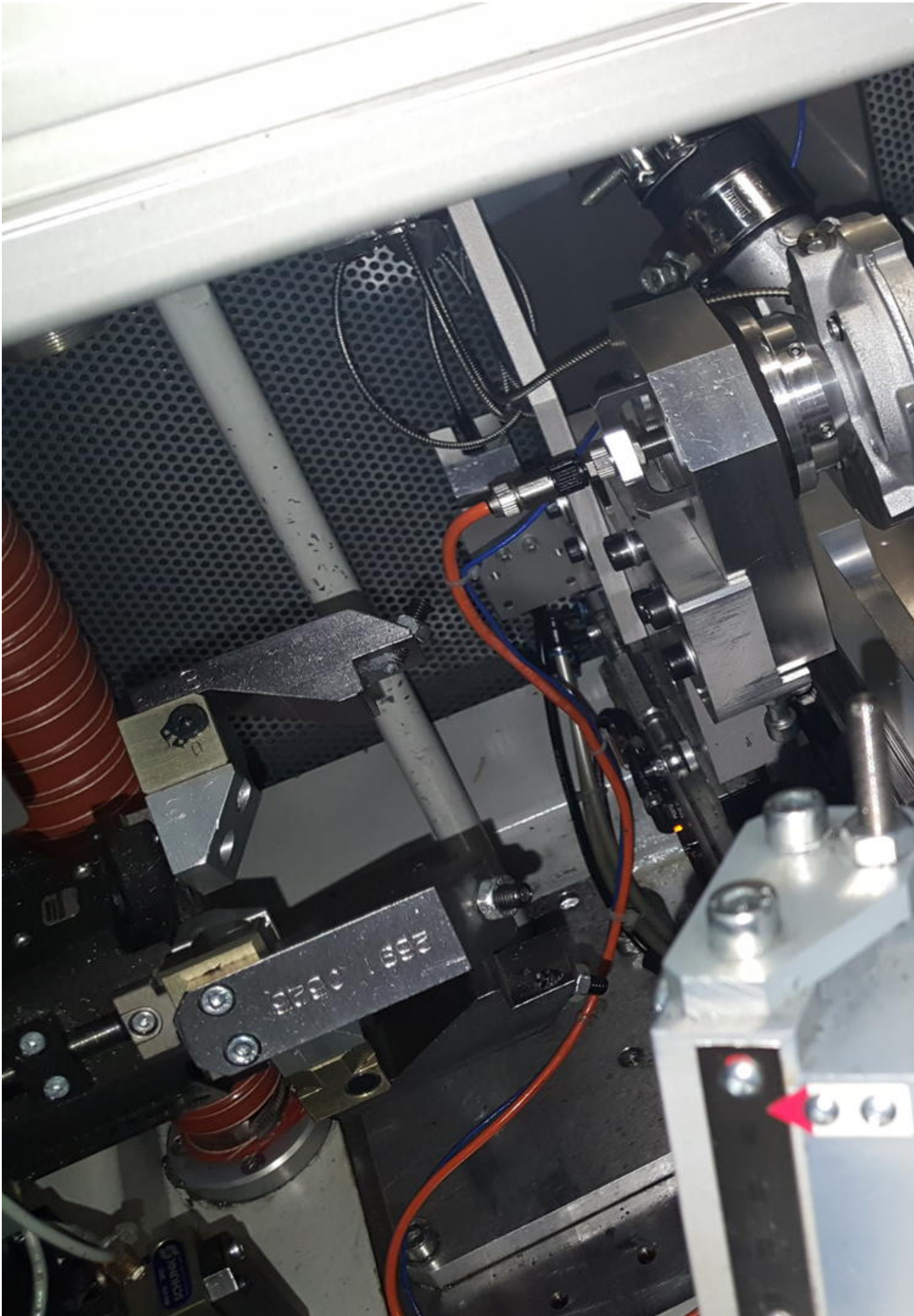
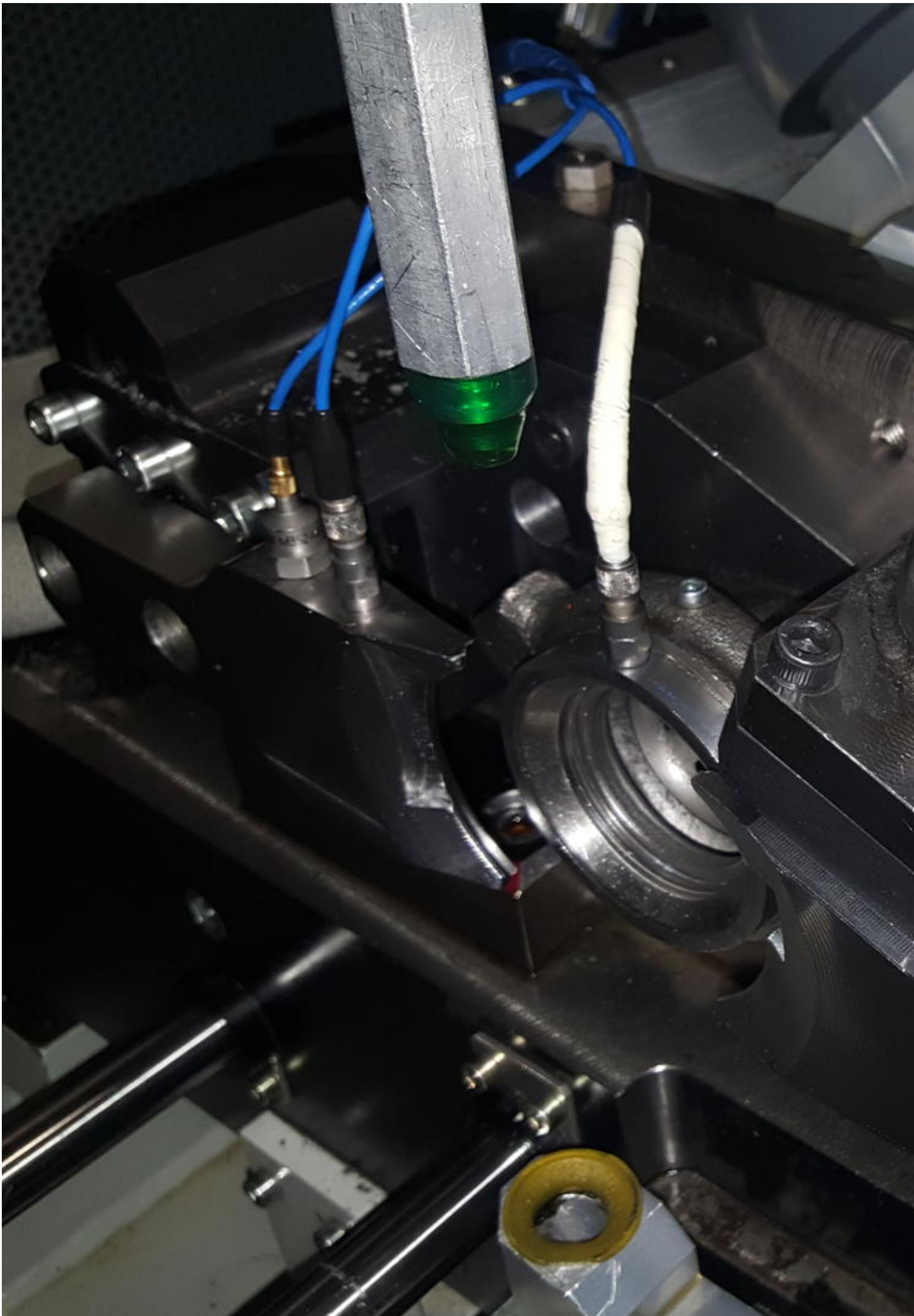
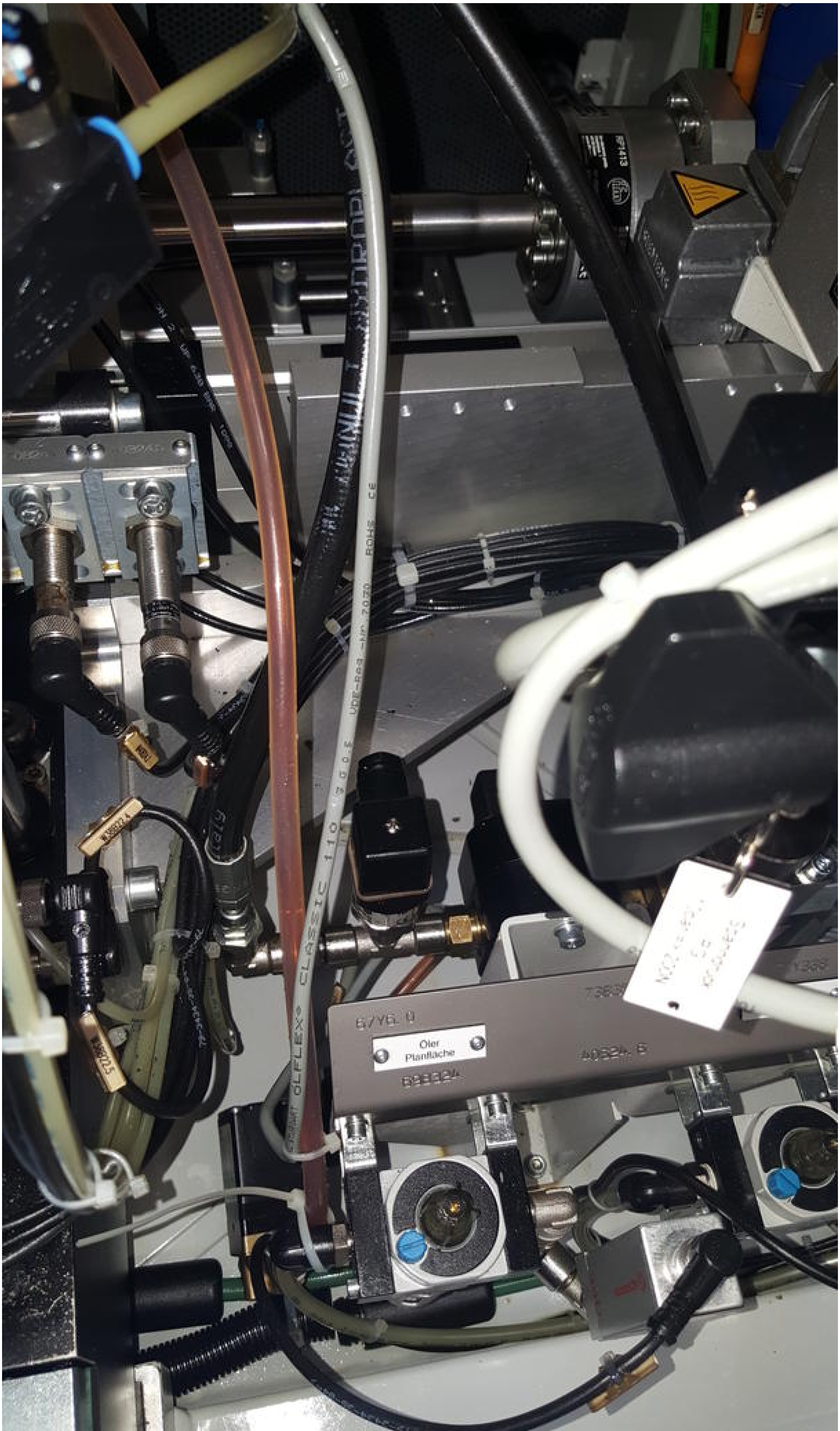
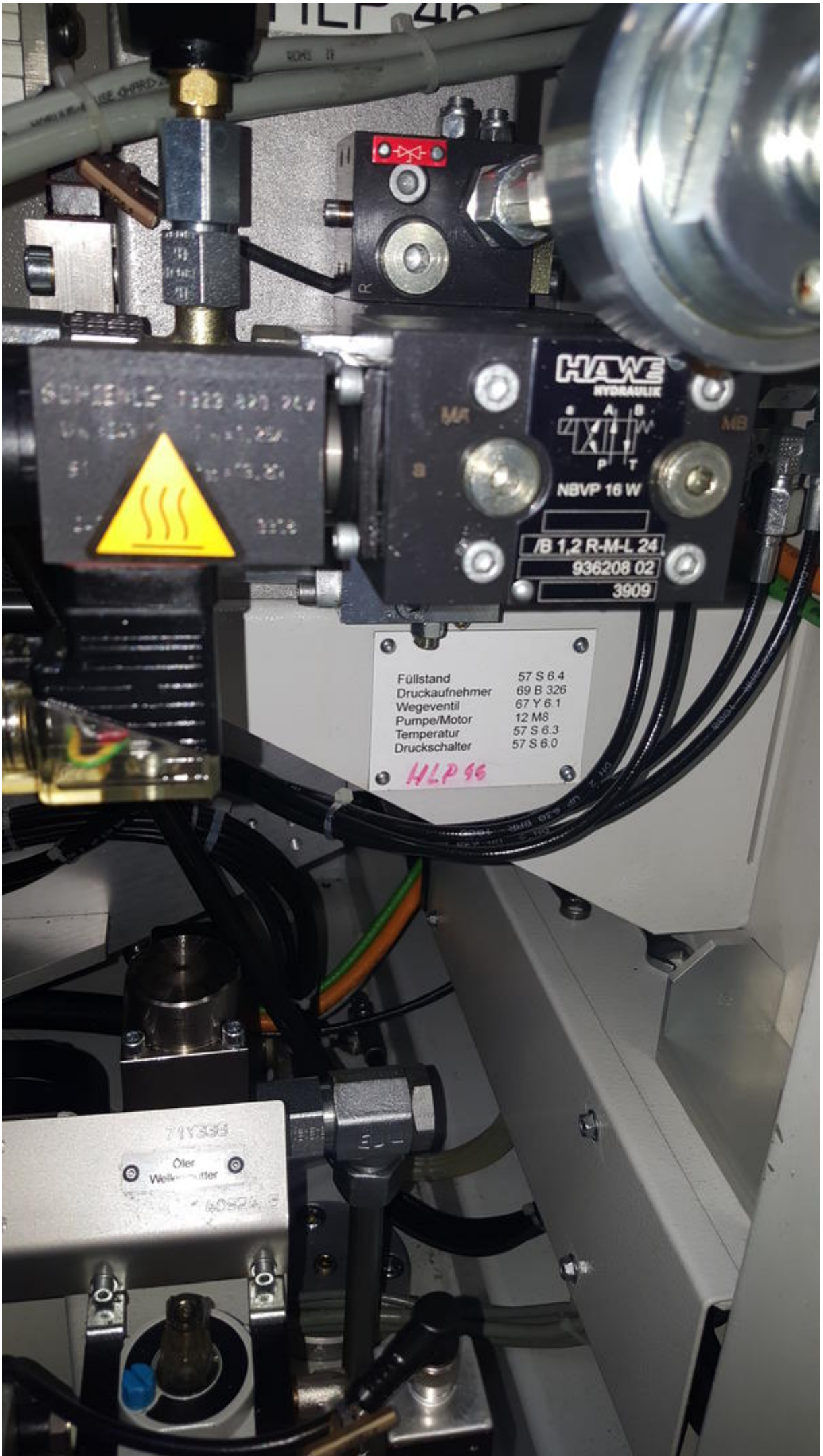





ÖLFLEX® CLASSIC 110
67Y6.0
Öler
Planfläche
40B24.6


HAWE
HYDRAULIK
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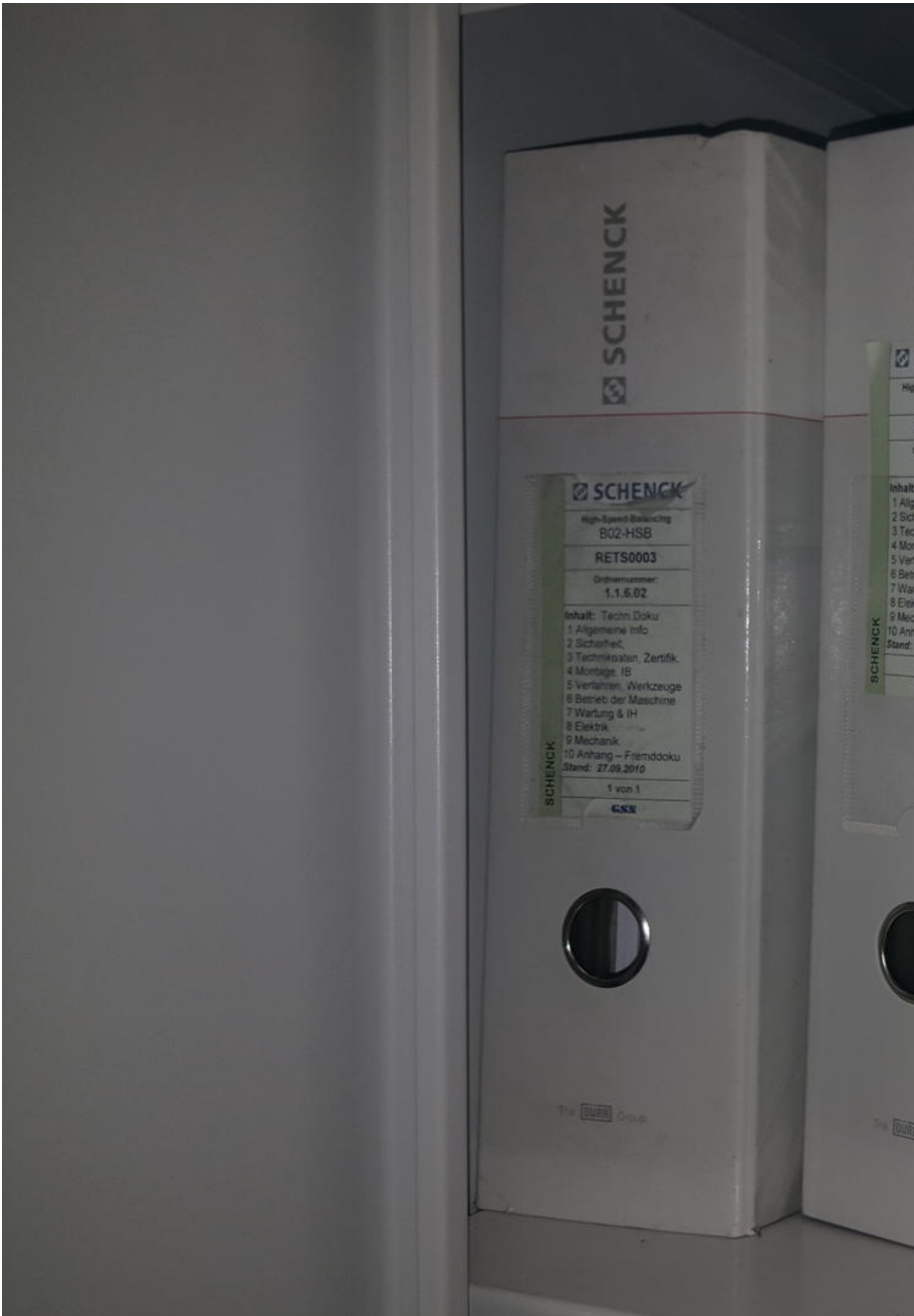
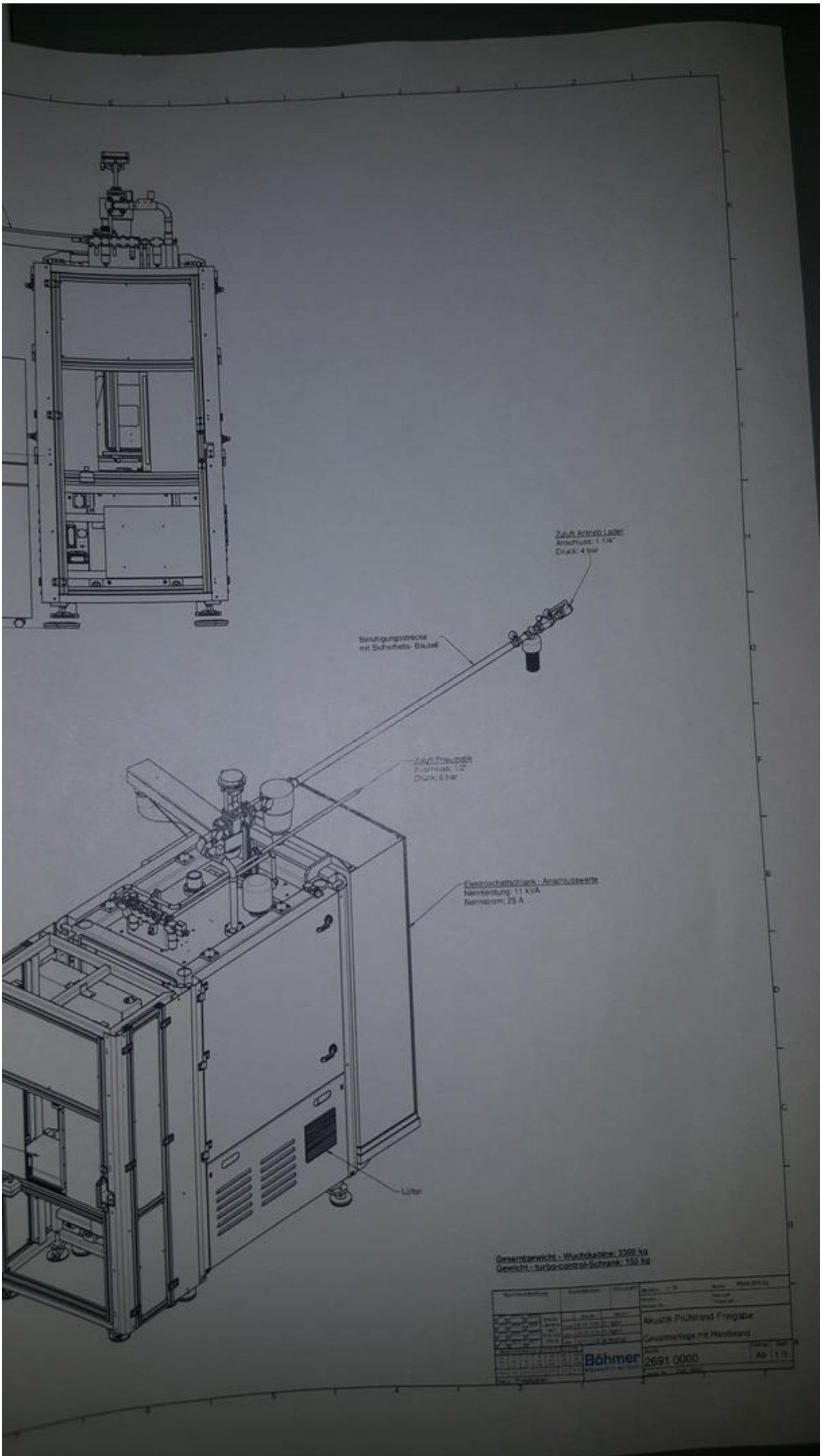
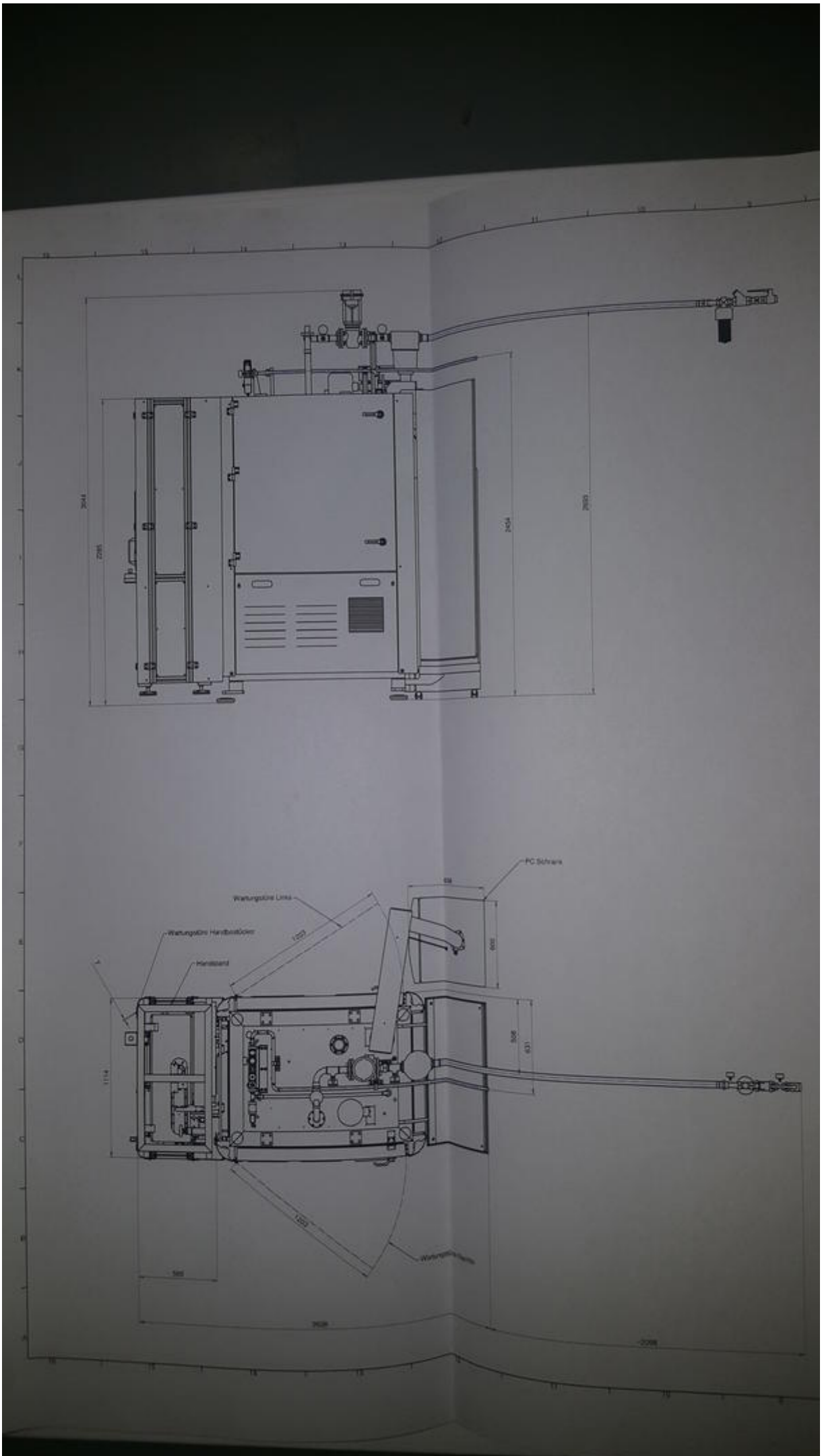
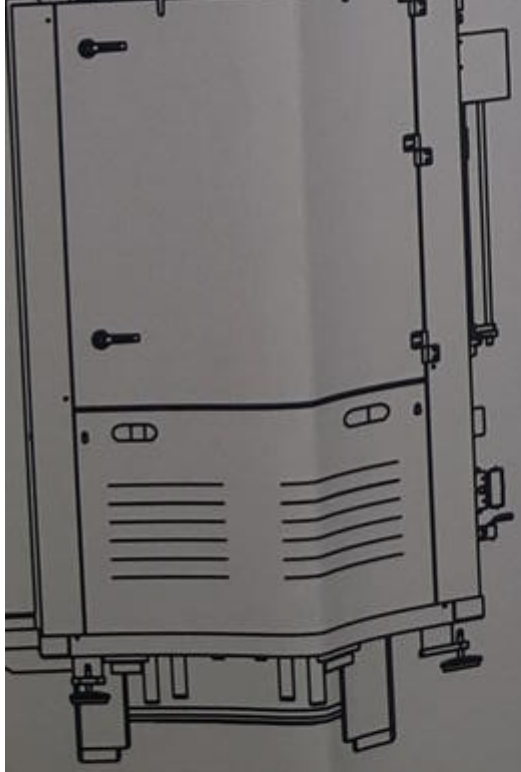
936208 02
3909
Füllstand 57 S 6.4
Druckaufnehmer 69 B 326
Wegeventil 67 Y 6.1
Pumpe/Motor 12 M8
Temperatur 57 S 6.3
Druckschalter 57 S 6.0
HLP 46
Öler


SCHENCK
SCHENCK
High-Speed-Balancing
B02-HSB
RETS0003
Ordnernummer:
1.1.6.02
Inhalt: Techn.Doku
1 Allgemeine Info
2 Sicherheit,
3 Technikdaten, Zertifik.
4 Montage, IB
5 Verfahren, Werkzeuge
6 Betrieb der Maschine
7 Wartung & IH
8 Elektrik
9 Mechanik
10 Anhang – Fremddoku
Stand: 27.09.2010
1 von 1
GSX
SCHENCK


Zuluft Antrieb Lager
Anschluss: 1 1/4"
Druck: 4 bar
Beruhigungsstrecke
mit Sicherheits- Ventil
Zuluft Prüfstand
Anschluss: 1/2"
Druck: 6 bar
Elektroschaltschrank - Anschlusswerte
Nennleistung: 11 kVA
Nennstrom: 25 A
Lüfter
Gesamtgewicht - Wuchtkabine: 3300 kg
Gewicht - turbocontrol-Schrank: 150 kg
Akustik Prüfstand Freigabe
Gesamtlage mit Handstand
Böhmer
2691 0000
A0 1:1


PC Schrank
Wartungsbrd Links
Wartungsbrd Handbedienen
Handstand



Antirutschmatten (2x) zum sicheren
Transport der Wuchtkabine

- Wuchtkabine mit geeigneten Gurten auf Ladefläche sichern
- Beim Transport mit Stapler Antirutschmatten verwenden
- Gewicht Wuchtkabine: 3100 kg

Nachbearbeitung:	Kommission:	Stückzahl:
-		

		Datum	Name
Schutzvermerk nach DIN ISO 16016	modul.	07.10.2009	A.Richter
	detail.	07.10.2009	A.Richter
	grspr.	16.11.2009	A.Richter

Allgemeintoleranz nach DIN ISO 2768

0.5 bis 3	3 bis 6	6 bis 30	30 bis 120	120 bis 400	400 bis 1000	1000 bis 2000
± 0,1	± 0,1	± 0,2	± 0,3	± 0,5	± 0,8	± 1,2

Status : Freigegeben

Böhmer Maschinenbau

Maßstab : 1:20	Masse :
Werkst. :	Rohmaß :
Werkst. Nr.:	Fertigmaß :

Transport Wuchtkabine

Art-Nr. :	Format	Blatt
2691 1000T	A2	1 /1

Zeichn.-Nr. : 2691 1000T

B

A

4 3 2 1

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

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