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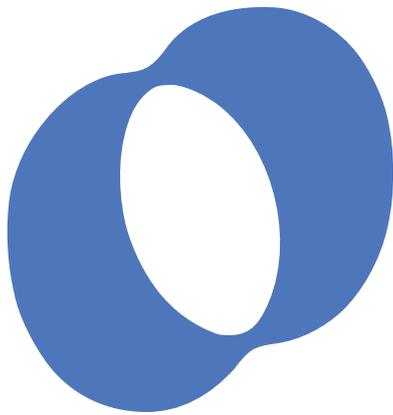


Ref. No.:  
1112-01801214

## Overview and Technical Data:

# MAKINO - SP 43 CNC Wire Eroder

[MAKINO](#)



# MAKINO

Year of Build:  
Jan 2007

## Description:

## Used MAKINO SP 43 CNC Wire Cutting EDM Machine

CNC Control MGW-R

### Technical Data:

- Position Accuracy: +/- 0.015mm
- Repeatability: +/- 0.015mm
- Travels:
  - X : 450 mm / 17.8 inches
  - Y : 300 mm / 11.8 inches
  - Z : 320 mm / 12.6 inches
- U/V Axis Travel : +/-101mm / 3.98 inches
- Wire Guide: V-Flat Diamond
- Wire Electrode Diameter: 0.2mm, 0.25mm, 0.3mm
- Table: 730 x 580 mm / 28.7" x 22.8"
- Tank: 890x850 mm
- Workpiece Dimensions max: 730x580x300 mm / 28.7" x 22.8" x 11.8"

- Max. workpiece weight:900 kg
- Rapid Traverse Rate - X,Y,Z-Axis: 2000mm/min
- Rapid Traverse Rate - U,V-Axis: 1000mm/min.
- Taper machining +/- 35mm at 100mm thickness
- Equipped With Auto Threading
- Auto Wire Cut off
- Submerged Machining
- Hand Pendant
- Makino/Mitsubishi MGW-SIII, LxWxH, ca. 3x3x2,3mm

Weight ca. 3,4tons

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## **Advantage of Makino EDM - Half the Wire – Half your Cost**

Most wire EDM machines chew over a pound of wire per hour, making wire consumption the single largest cost of using wire EDM. Makino's wire electronic electromagnetic machine uses half that, which enables significant savings in operating costs in the long term. The Makino wire EDM machines use a unique fully digital dual flow pump that provides automatic dynamic adaptive flow control at the top and bottom end of the machine during operation. This intelligent and highly efficient configuration delivers twice the washing horsepower and ensures that the necessary washing is optimally done when and where it is needed for best performance and productivity.

### **Other Makino wire EDM machining advantages include:**

- Up to 50% less maintenance, which is a critical benefit compared to the usual high-maintenance requirements associated with wire EDM production. Makino wire EDM machines also have less consumable wear parts.
- Large HD Touchscreen control that works like a smartphone. Operators of all skill levels can use this streamlined interface that reduces machine training requirements. Only Makino can provide the advanced Hyper-i control that provides an identical productive interface for all Makino wire EDM, Sinker EDM, and EDM Drilling machines, which further reduces training support needs.
- Easy automation. Get predetermined optimized settings for any application and 24/7 production with no attendant required.

### **Technical Data:**

### **Technical Data:**

Control:

[CNC](#)

### **Dimensions and Weight:**

Height:

2.300 mm

Length:

3.000 mm

Width:

3.000 mm

Weight:  
3.400 kg

## **Buyer Information:**

Condition:  
[Very good condition](#)

Available:

[Sold](#)

Sold as:

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

VAT:

[19 %](#)

Buyers Premium:

[16 %](#)

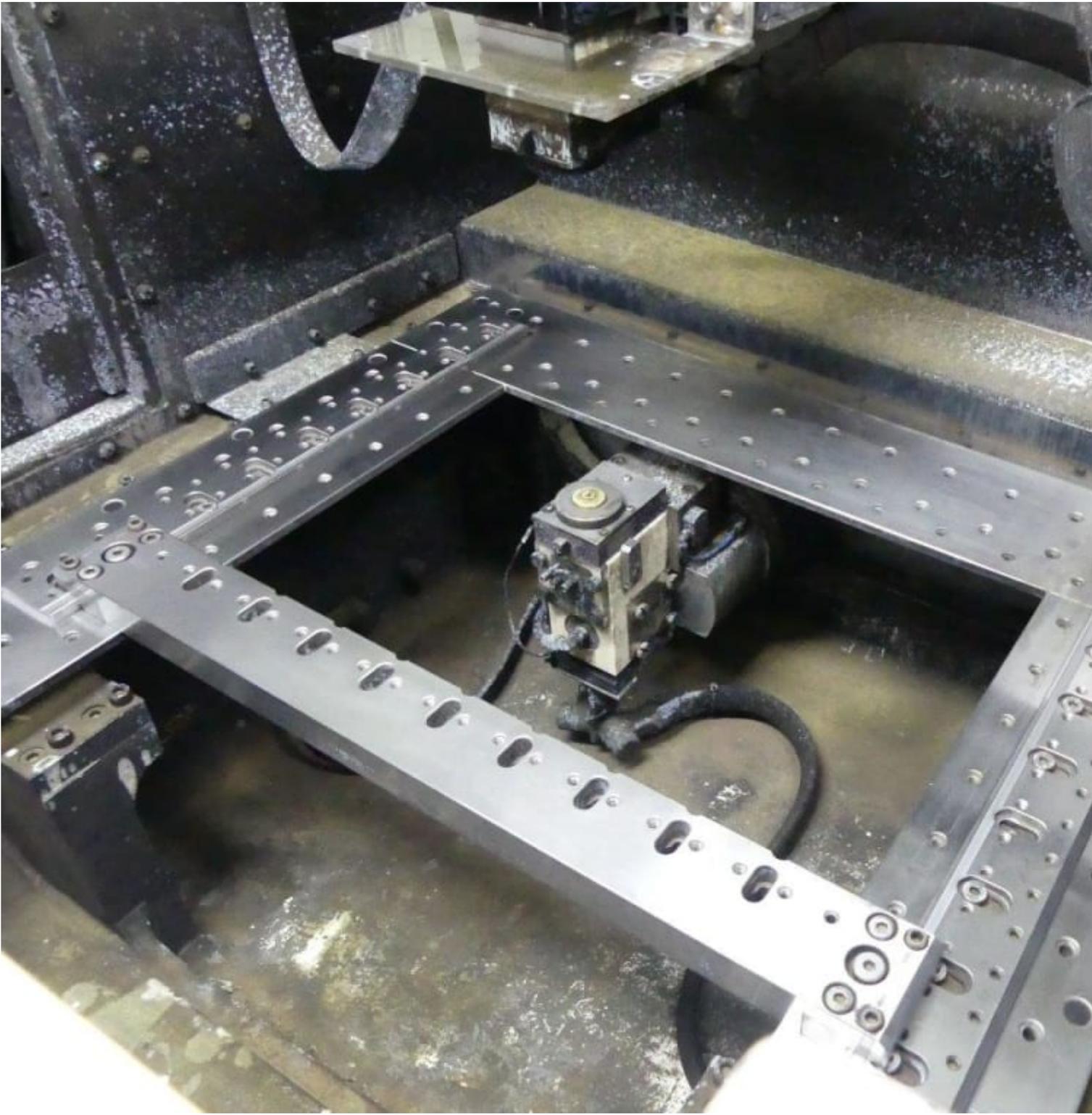
Location:

Germany

## **Images:**



1









MAKINO

ORG1

ORG2

PAGE 1  
m-1 -246.549  
m-2 -2.361  
m-3 0.000  
m-4 0.000

m-1

m-2

m-3

m-4

-

+



x1

x10

LOW

MIDDLE

HIGH

RAPID

-C

+C

TOUCH  
UV

+Y/V

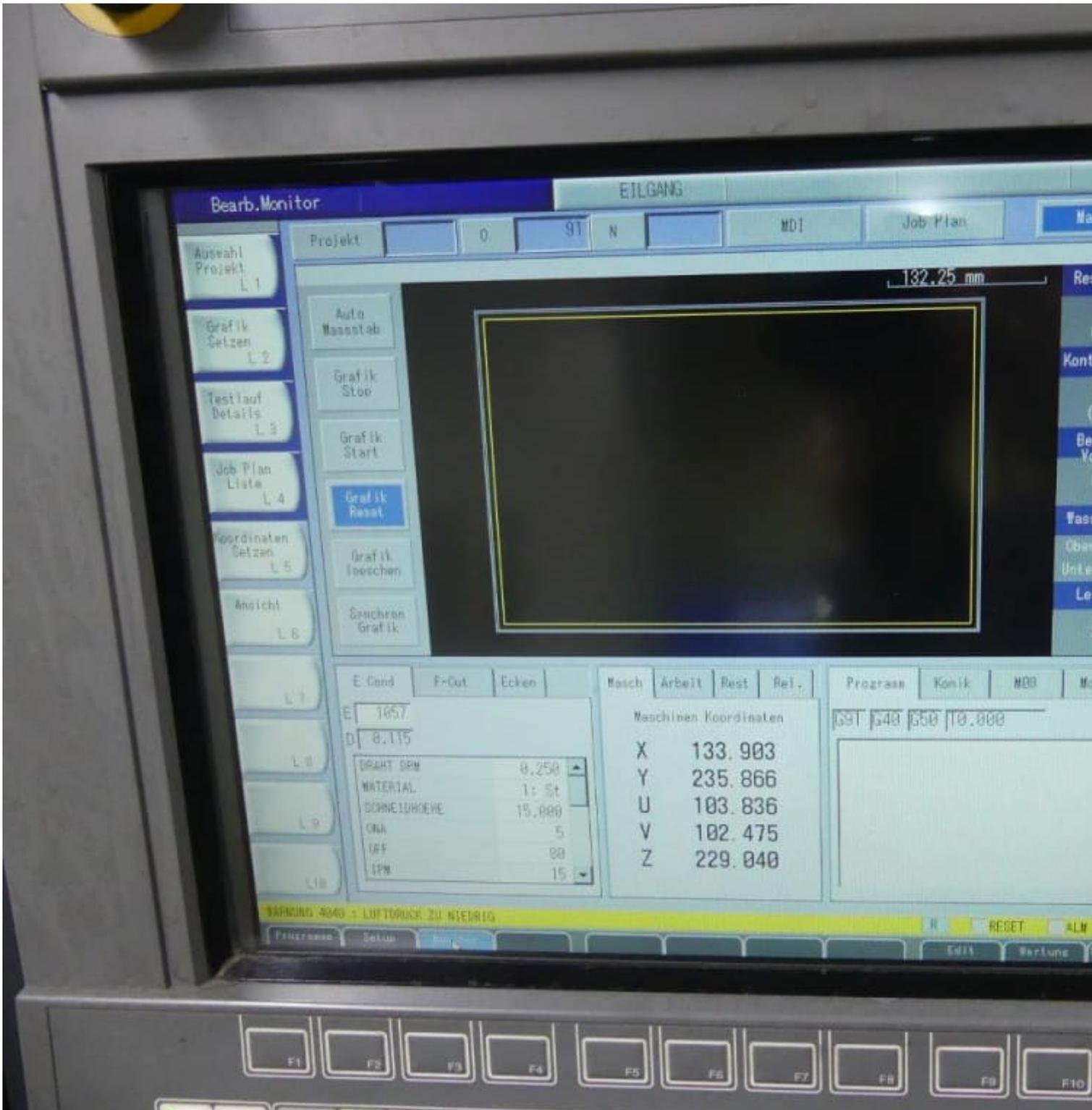
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+X/U

+Z

-Y/V

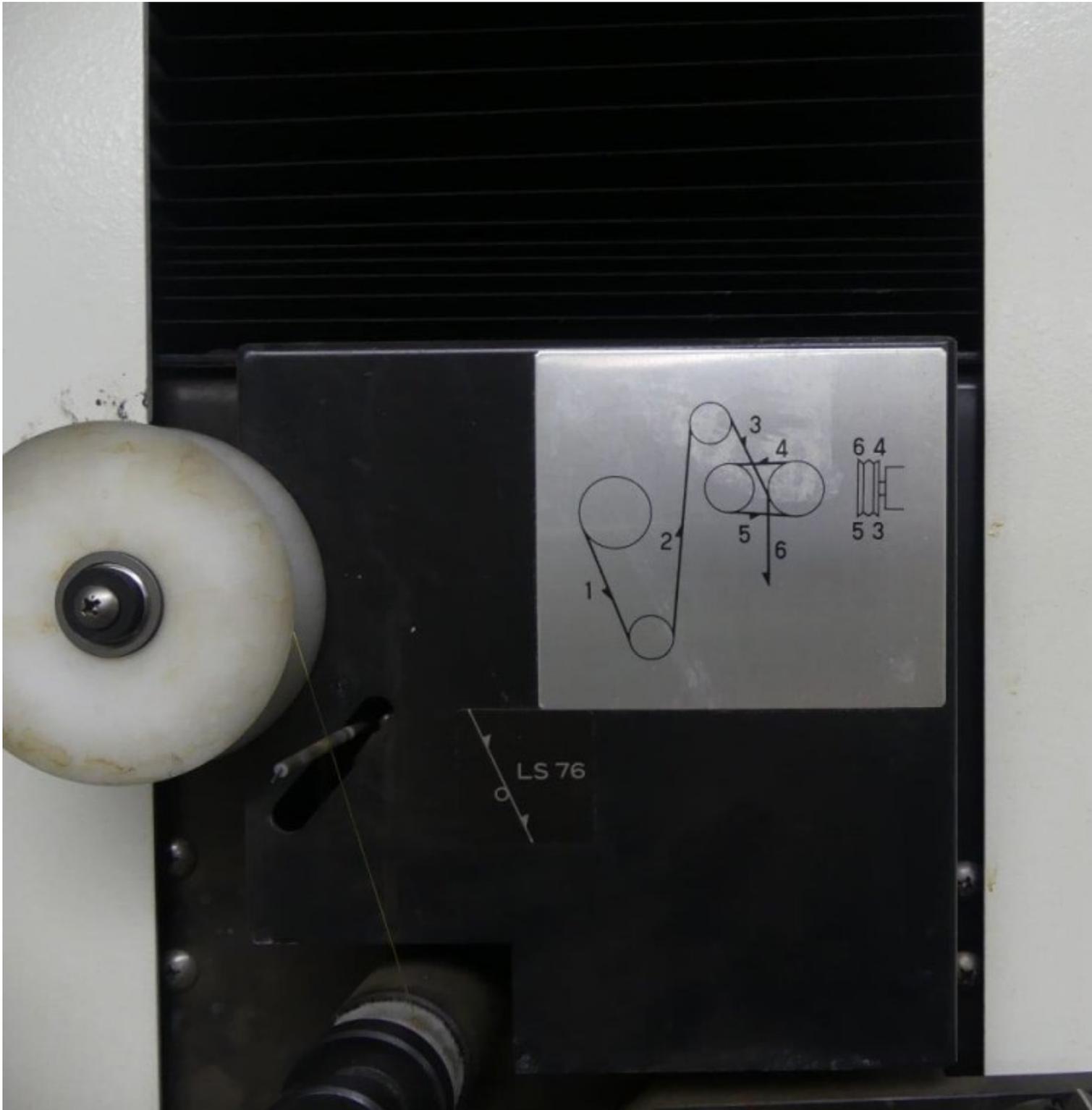
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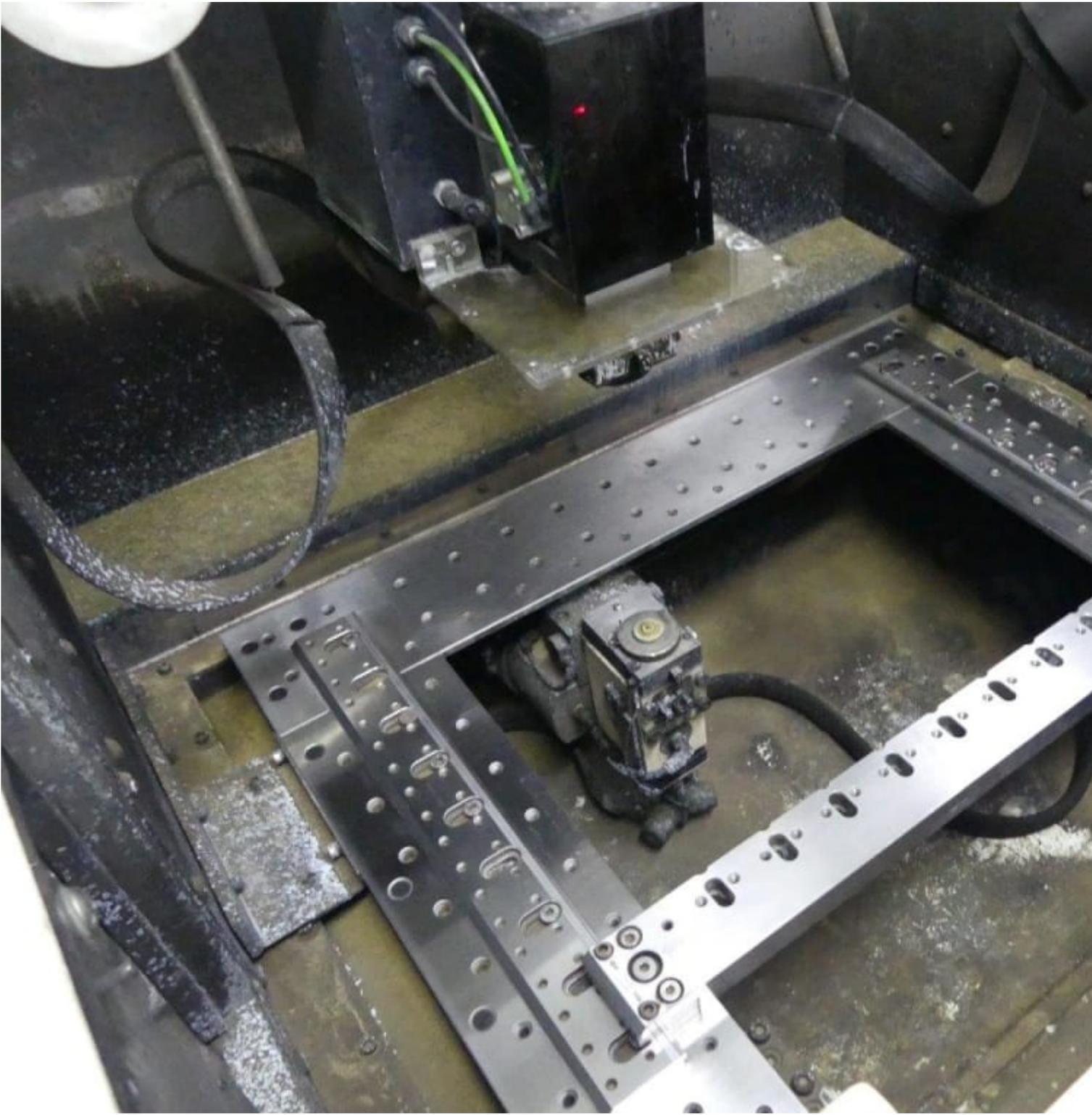




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**MAKINO GmbH**  
**Wiesendamm 30, D-22305 Hamburg**  
**Phone +49 (0) 40 / 29 80 90**

Type type	<b>SP43</b>
Maschinen-Nummer serial number	<b>80.4167.0033</b>
Baujahr year of production	<b>2007</b>
Betriebsspannung operation voltage	<b>400 / 50</b> V 3~ / Hz
Gesamtnennstrom nominal current	<b>26</b> A
Zuleitungsquerschnitt size of lead wire	<b>6</b> mm <sup>2</sup> Cu
Absicherung der Zuleitung mains supply fuse	<b>35</b> A träge time lag
Schaltplan wiring diagram	<b>21WC1F010</b>

**CE**

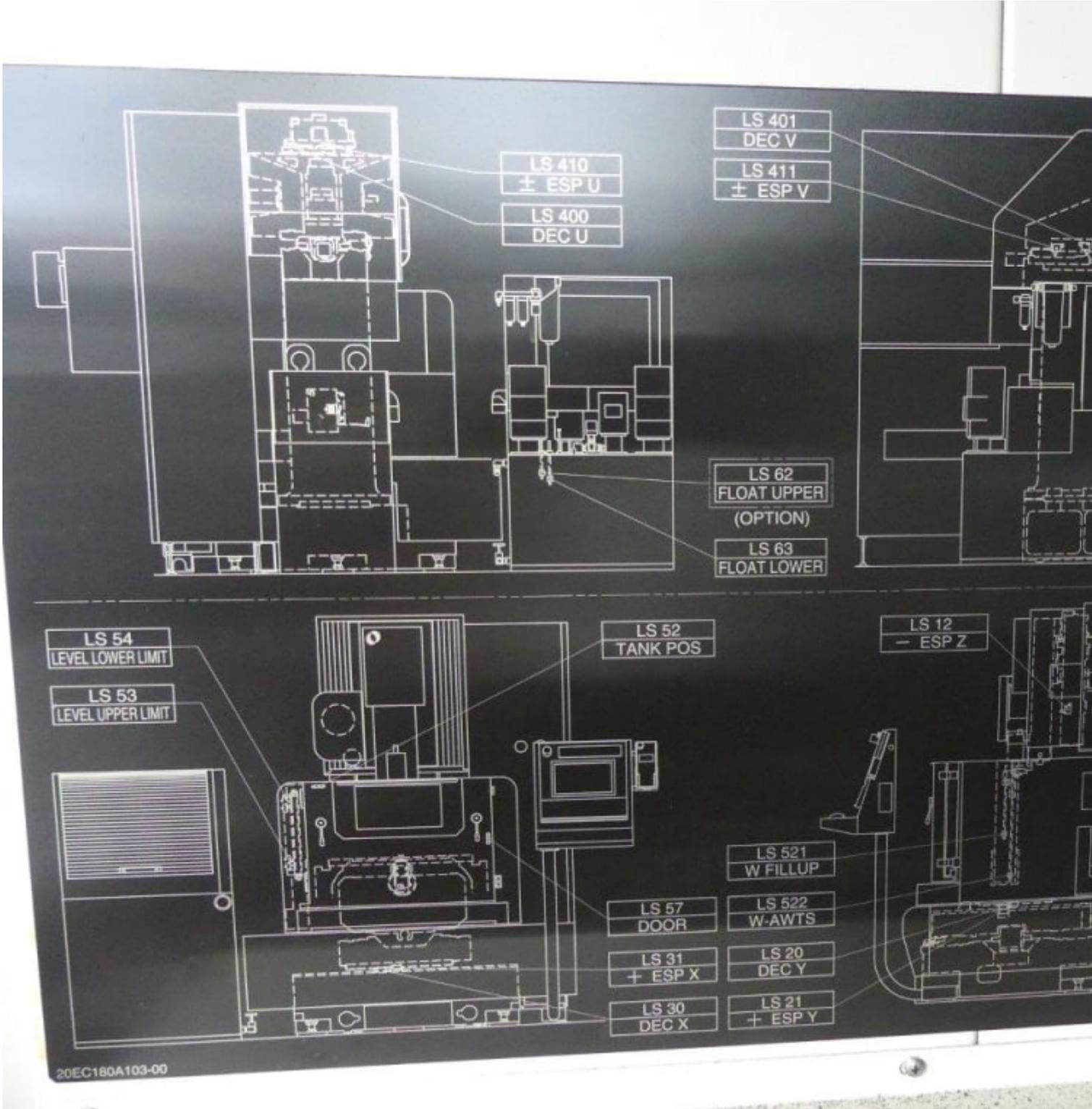
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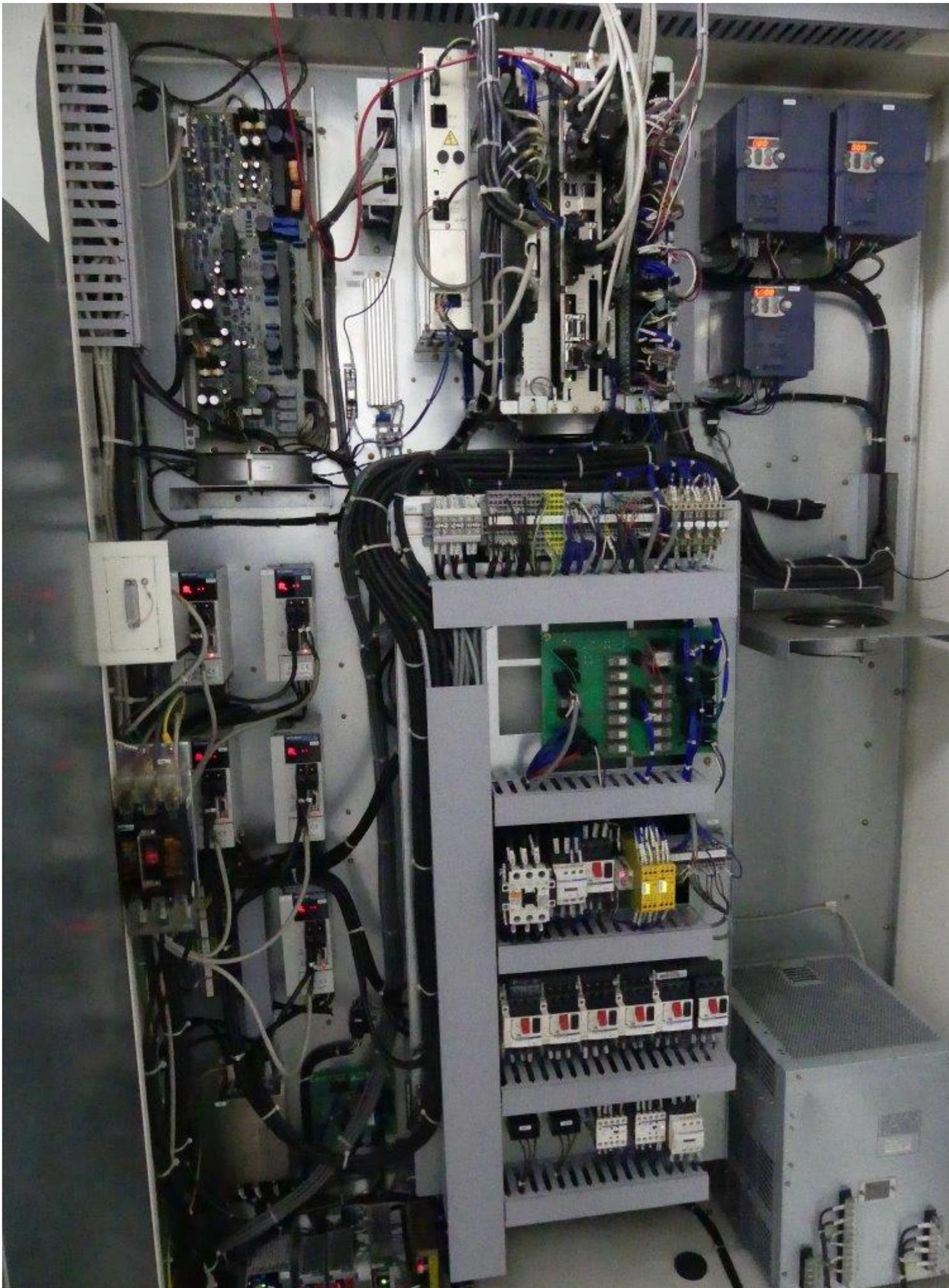






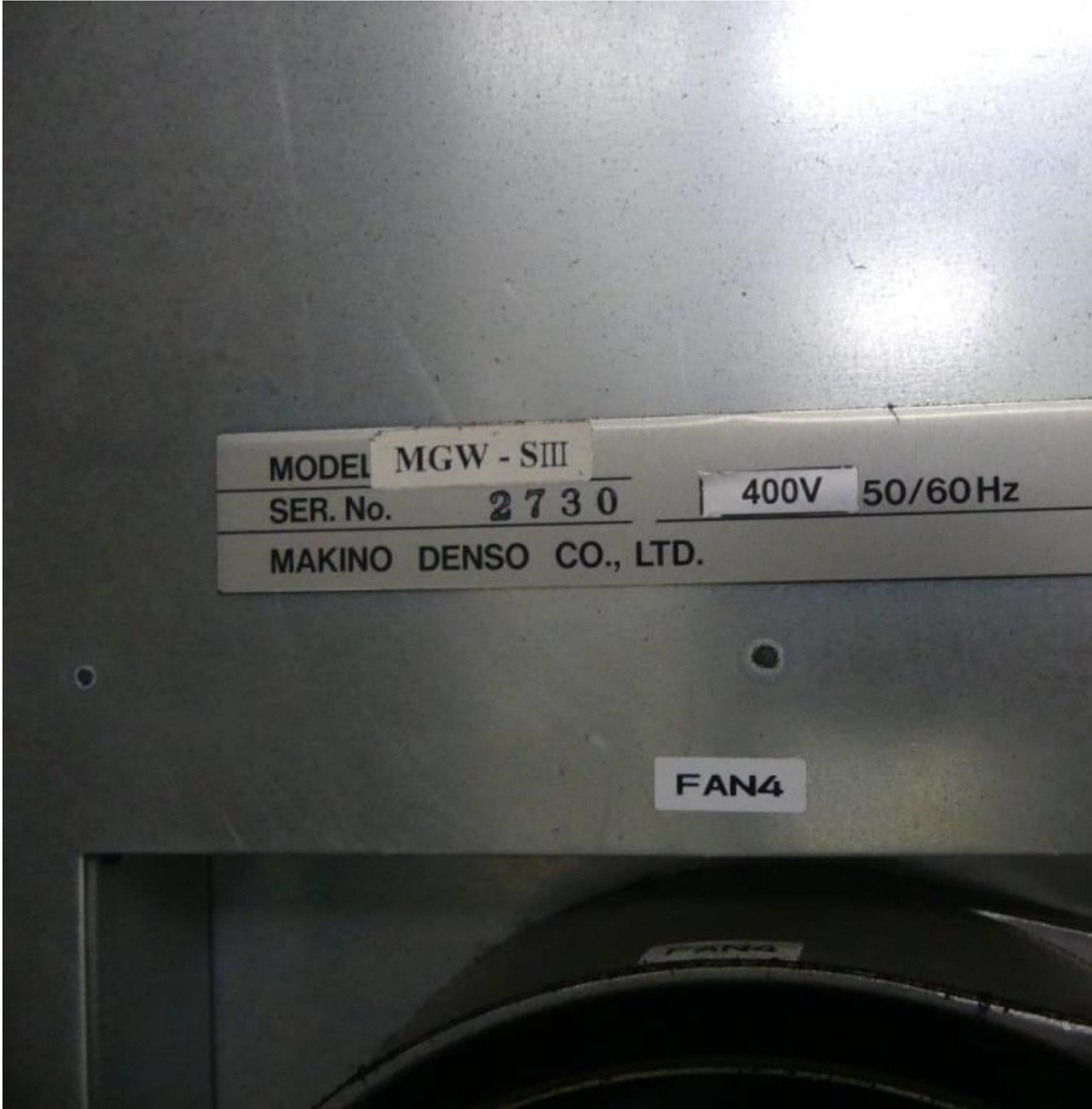












**Video:**



Asset-Trade

Assessment and Sale of Used Assets world wide

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47800 Krefeld

Germany

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Fax.: +49 2151 65 29 22

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

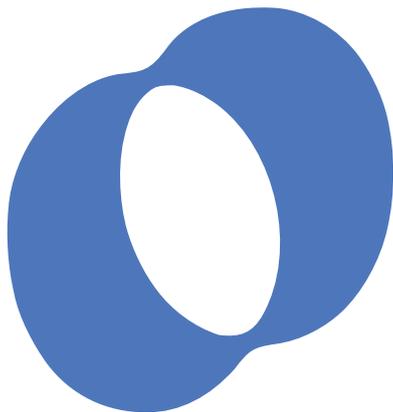
Web.: <https://www.asset-trade.de/en>

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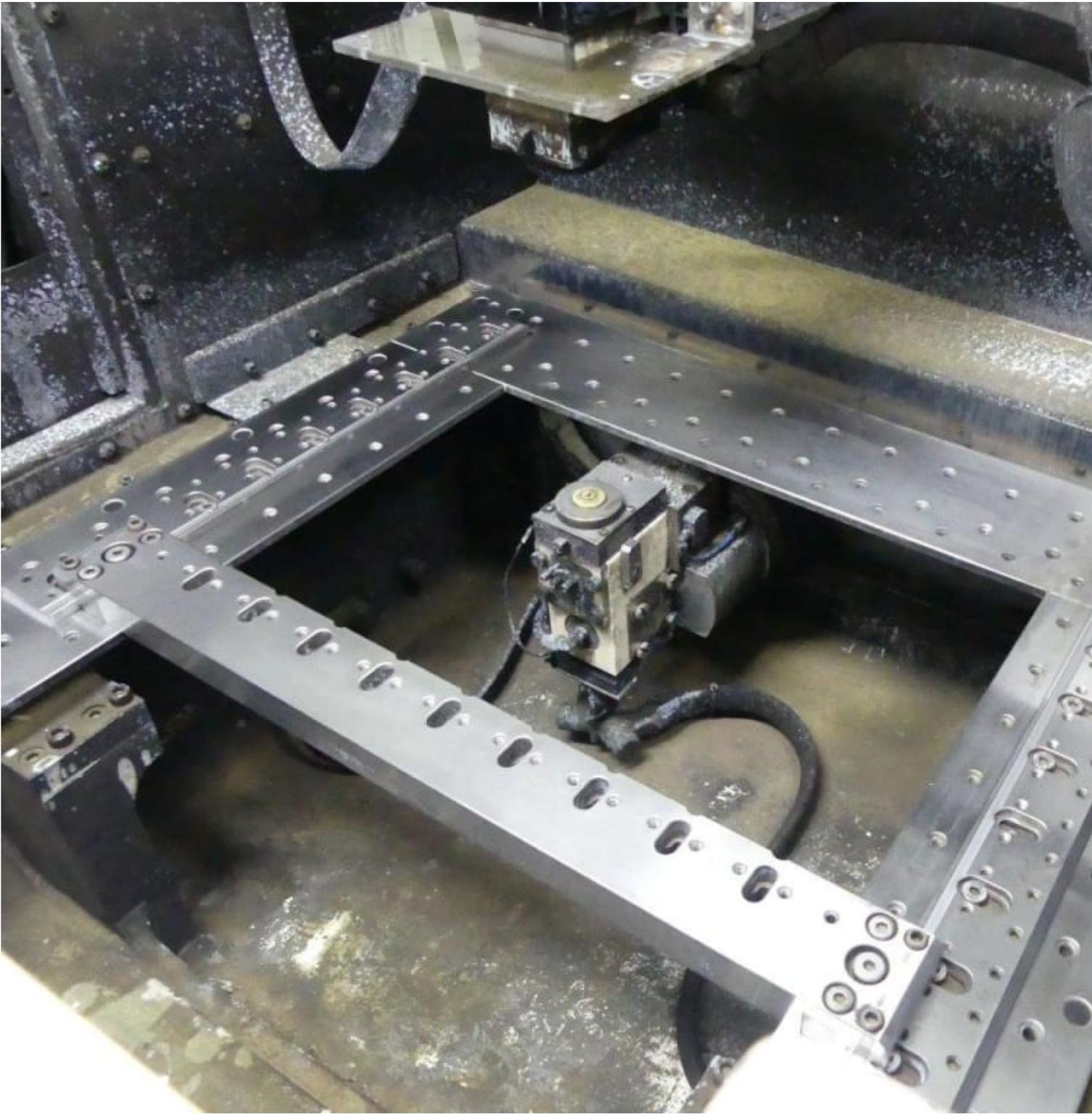
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Buyers Premium:  
[16 %](#)  
Location:  
Germany

## **Images:**



1









MAKINO

ORG1

ORG2

PAGE 1

m-1	X	-246.549	1
m-2	Y	-2.361	
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m-4	U	0.000	

m-1

m-2

m-3

m-4

-

+

X1

X10

LOW

MIDDLE

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+C

TOUCH

UV

+Y/V

-X/U

+X/U

+Z

-Y/V

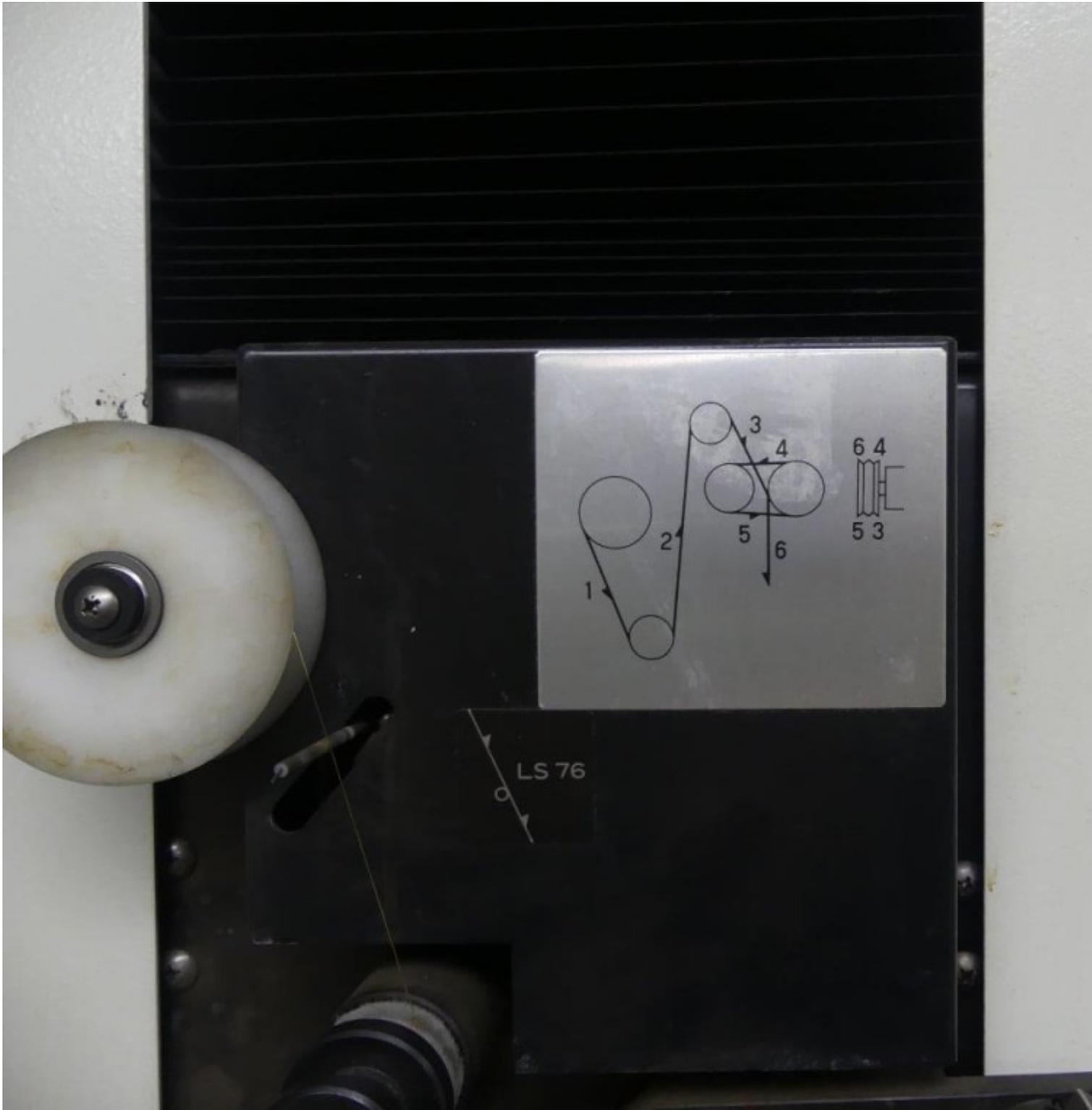
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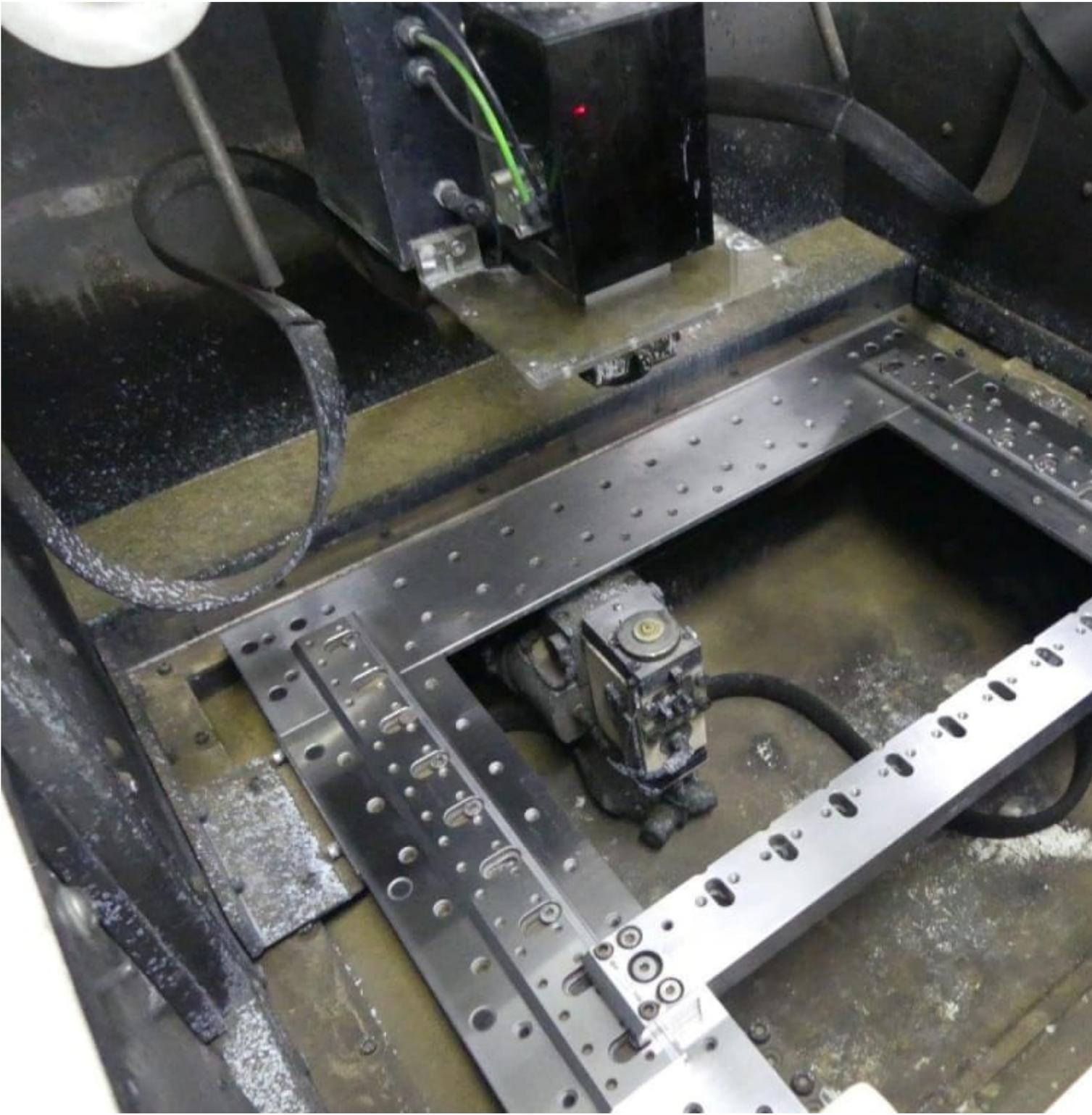




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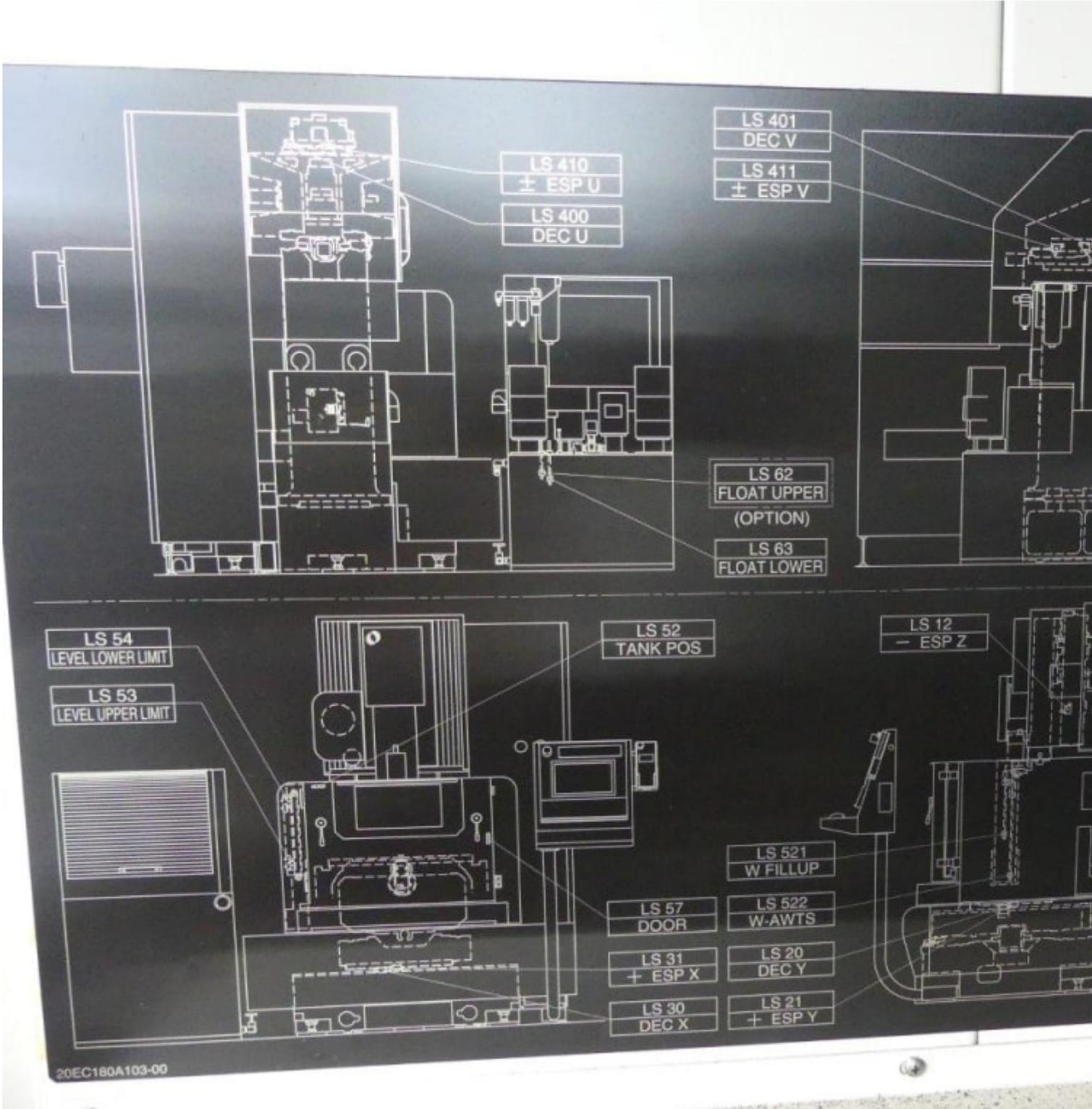
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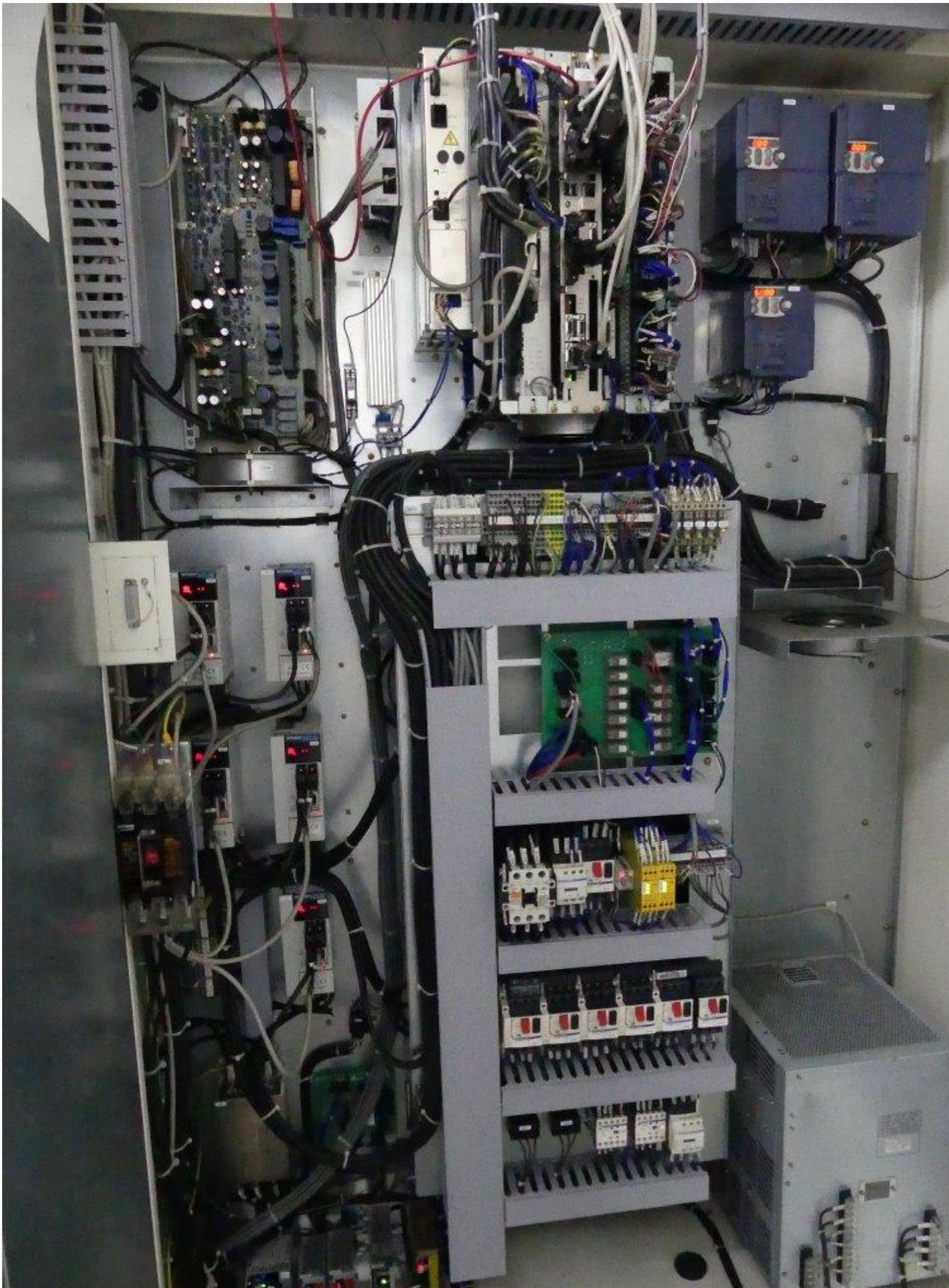


















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