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Ref. No.:  
846-1141100

## Overview and Technical Data:

# MIKRON - HPM 800 U HD 5-AXIS VMC

[MIKRON](#)



Year of Build:  
Jan 2011

## Description:

### Used MIKRON HPM 800U HD - 5-Axis vertical Machine centre

Control: Heidenhain iTNC 530

Machine On - 38694 hours

Spindle 454 hours

Technical data:

- Table size 631x500 mm
- X/Y/Z - 800/800/550 mm
- A-axis +91/-121 deg.
- C-axis n x 360 deg.
- No of simultaneous axis 5
- Spindle speeds 20.000 rpm
- Tool magazine W7115 stations (HSK-A63)

Equipped with:

- Middle handling station
- APS control and observation of milling process
- ITC Heat compensation
- ITC 5-axis Thermic control
- Internal coolant through spindle high pressure 18-70 bar
- Prepared for Infrared measuring probe
- Measuring probe 40.00 TX/RX
- Laser tool measuring
- Special - air through table

New Price about 410.000 Euro

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GF Machining Solutions milling machines are designed for use in the field of fully automated and simultaneous HPM (High Performance Machining).

GF Machining Solutions introduces the latest machine generation compact series in the Mikron HPM field. The Mikron HPM 800U is particularly well suited to customer segments, which produce high-quality but also voluminous and complex mold making and production parts economically and with precision. Due to its stable construction and directly driven circular and swiveling axes, the Mikron HPM 800U can be used for anything from heavy roughing work to precise finishing work.

Features

- Highly dynamic and reliable
- Outstanding Automation integrability (back/front)
- Unique Machine spindle protection (MSP) solution in all axis
- Great dedicated options (polymer exhaust, Turning, etc.)

**Technical Data:**

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Control:

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Machine Hours:

38.694 hrs.

Spindle Hours:

454 hrs.

Spindle Speed:  
20.000 rpm  
Tool Capacity:  
115 x

### **Travels:**

X-Axis:  
800 mm  
Y-Axis:  
800mm  
Z-Axis:  
550 mm

### **Dimensions and Weight:**

Height:  
3.180 mm  
Width:  
5.000 mm  
Length:  
6.520 mm  
Weight:  
15.300 kg

### **Buyer Information:**

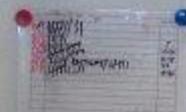
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Availability:  
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Location:  
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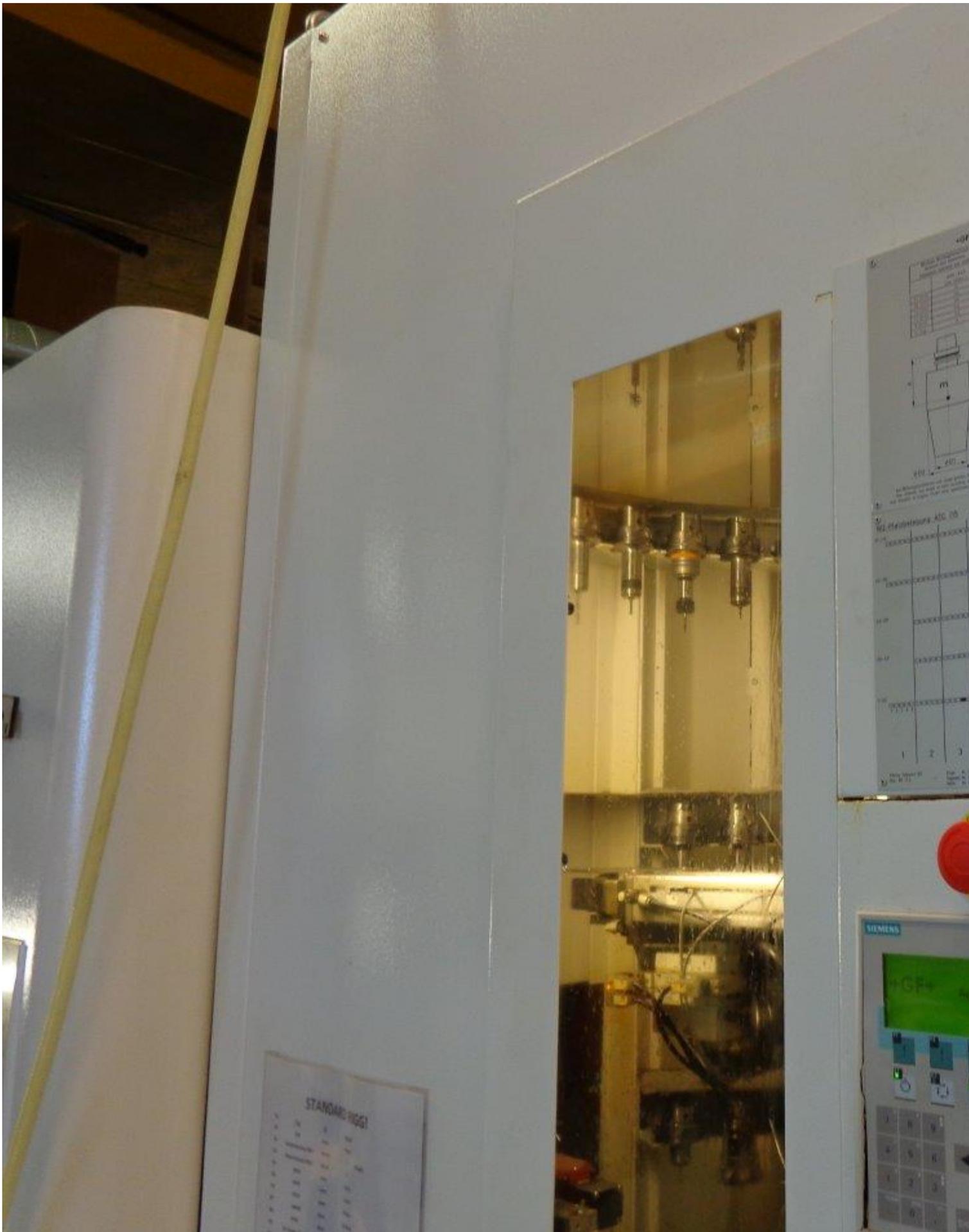
### **Images:**

+GF+  
AgieCharmilles

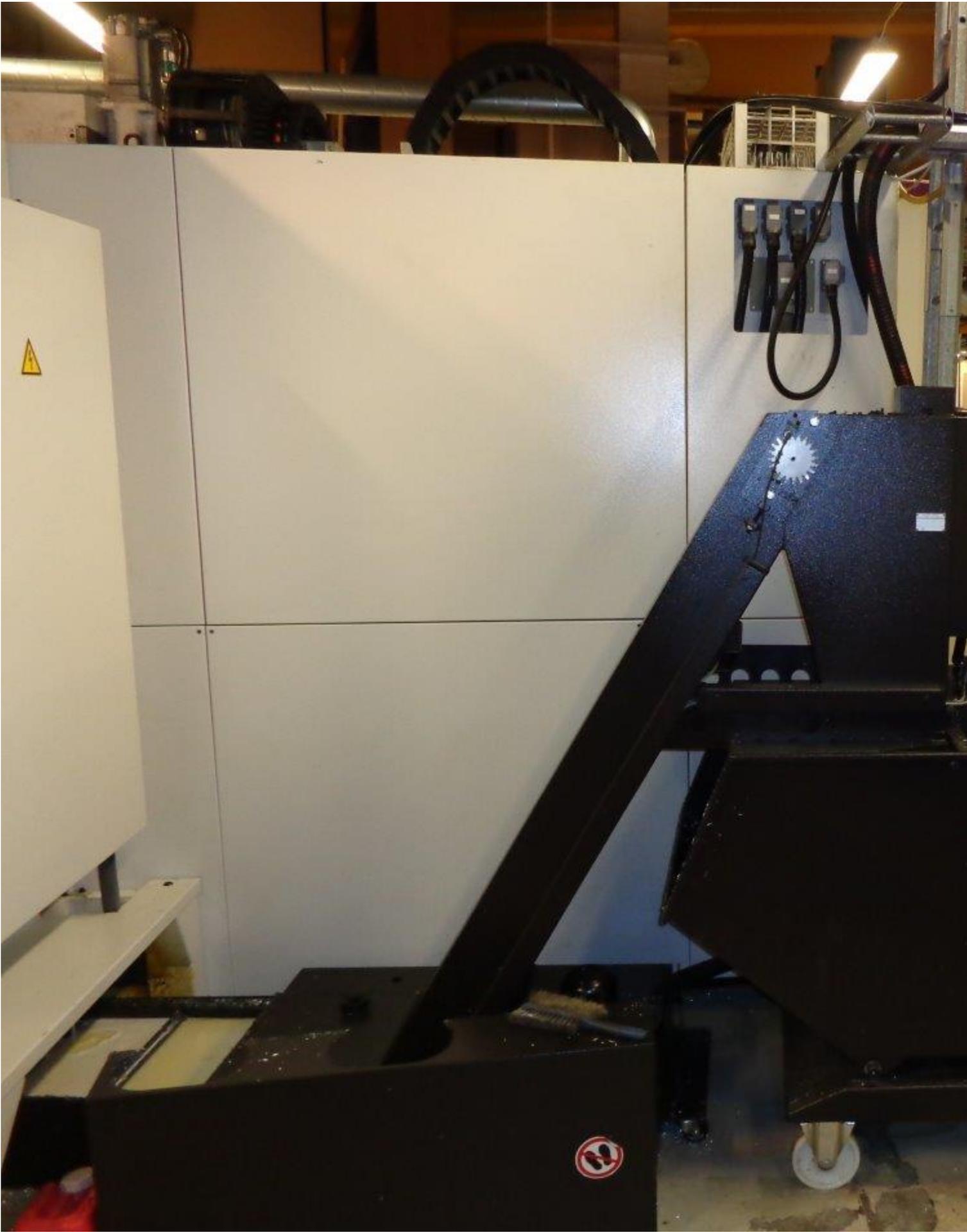


MIKRON HPM 800 U HD

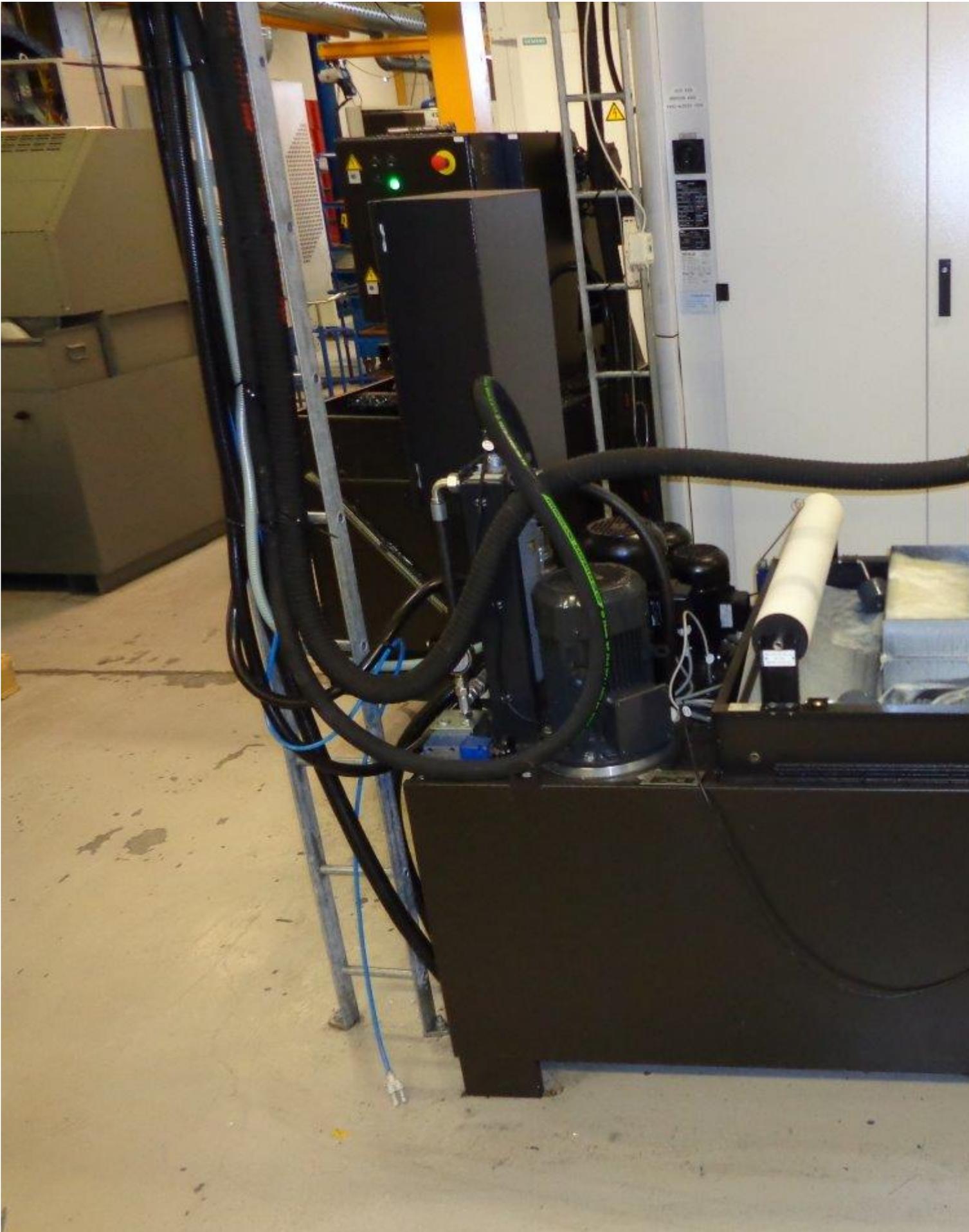




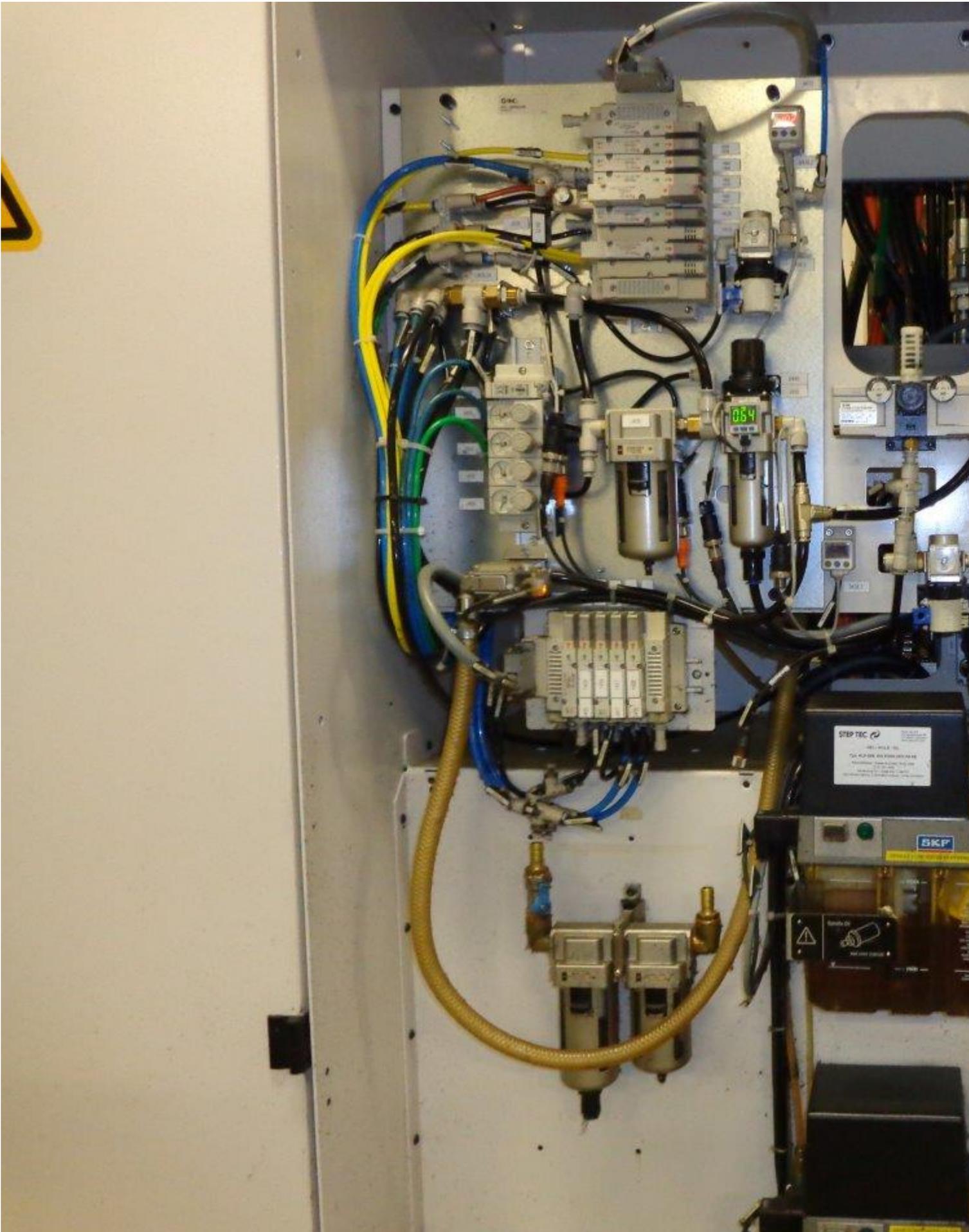






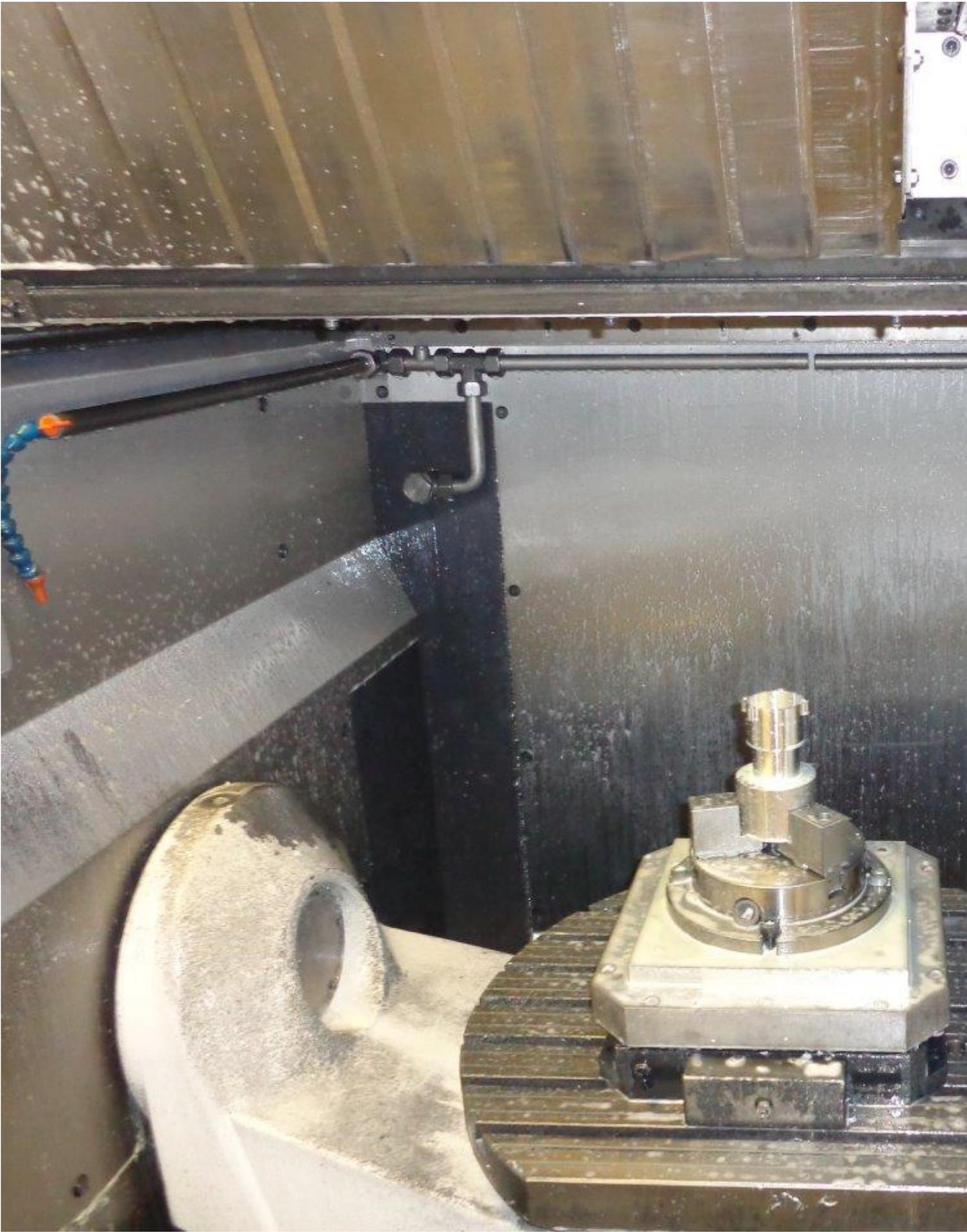














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# MANUELL DRIFT

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| STYRSYSTEM TILL   | = | 38694:36:25 |
| MASKIN PÅ         | = | 37305:11:51 |
| PROGRAMEXEKVERING | = | 19150:04:21 |
| Drives on         | = | 20861:24:19 |
| Spindle on        | = | 454:26:51   |



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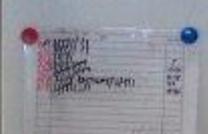
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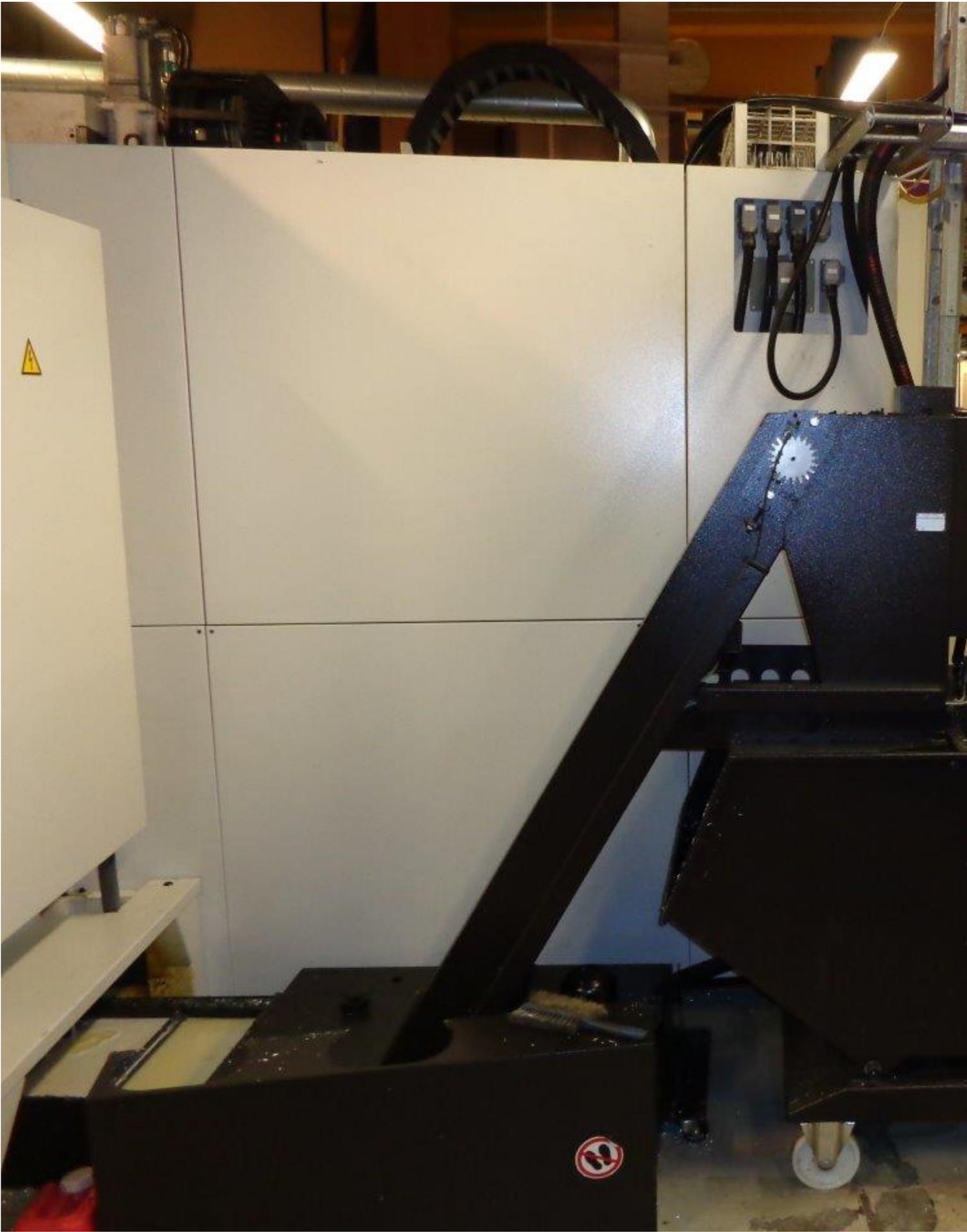


MIKRON HPM 800 U HD

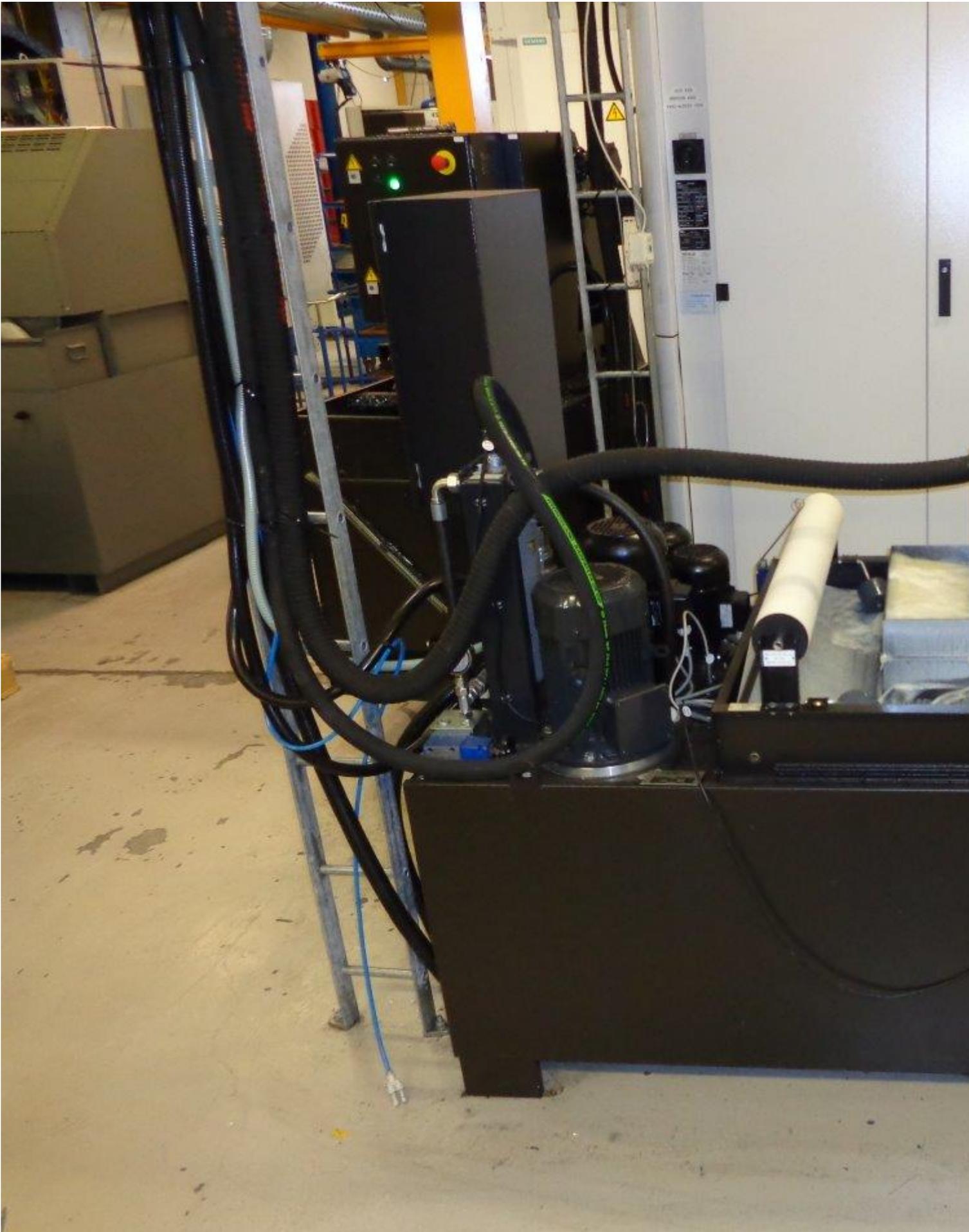




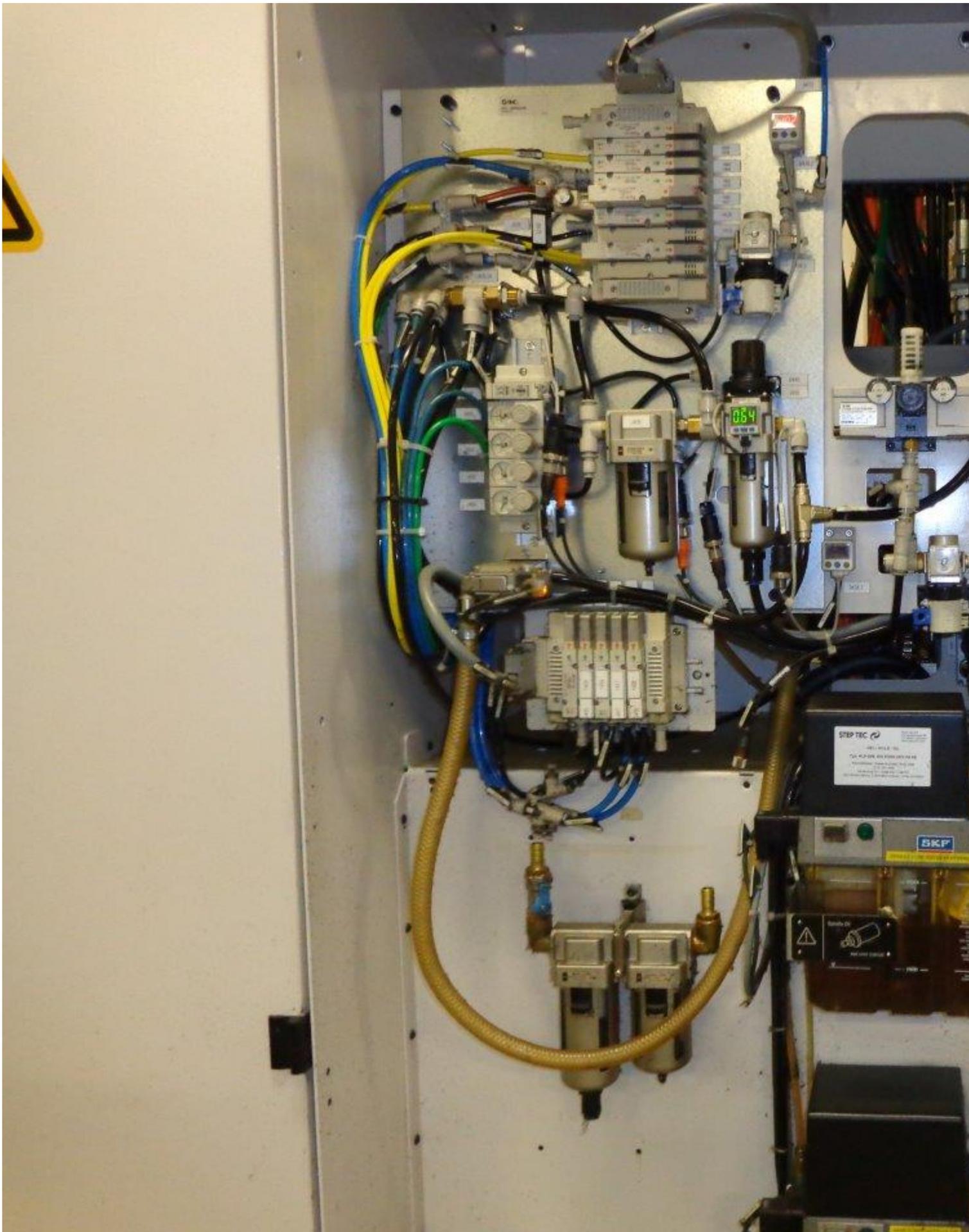






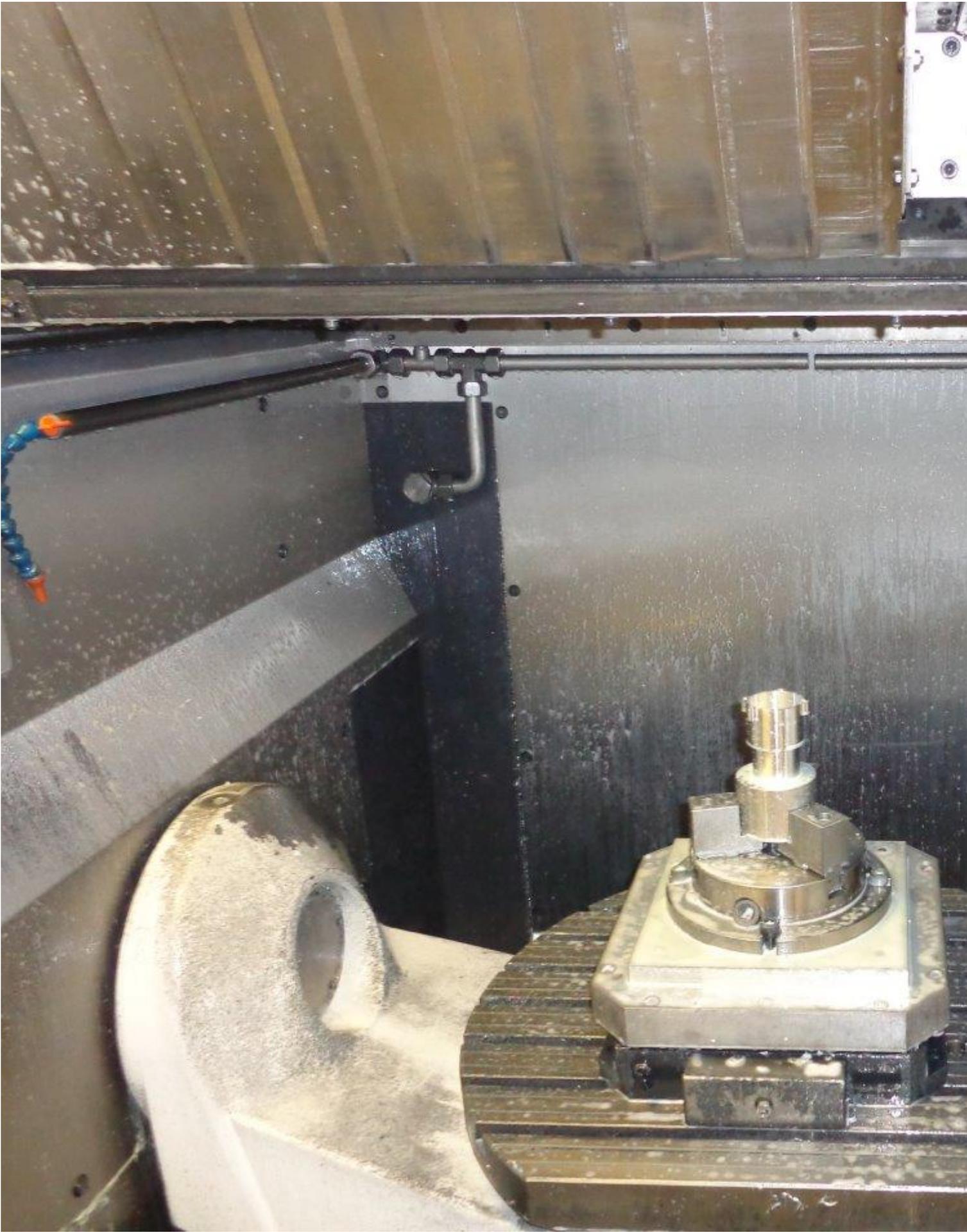














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Generated on 05.04.2026

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