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Ref. No.:

846-1141230

## **Overview and Technical Data:**

# **OKAMOTO - 0GM-3150 PEXB Cylindrical Grinder**

**[OKAMOTO](#)**

**Okada**

Year of Build:  
Jan 2001

## **Description:**

# **Used OKAMOTO 0GM-3150 PEXB - CNC Cylindrical grinder**

CNC Control Fanuc 21-GA

## Technical Data

- Grinding length 1500 mm
- Max. swing 320 mm
- Max. grinding dia. 300 mm
- Grinding wheel dimensions 405x50x127 mm
- X-axis travel 300 mm

Equipped with:

- Paper filter
- Various grinding stones

## **Technical Data:**

## **Technical Data:**

Control:  
[Series 21i](#)

## **Dimensions and Weight:**

Height:  
1.725 mm  
Length:  
6.600 mm  
Width:  
2.000 mm  
Weight:  
5.000 kg

## **Buyer Information:**

Condition:  
[Very good condition](#)

Available:

[Sold](#)

Sold as:

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

VAT:

[19 %](#)

Location:  
Denmark

**Images:**







**DU**

**HAF KUN**

**ET SÆT ØINE**

**BEHOLD DEM SÅ**

**OPRÅBES**



**OGM3150**



DU

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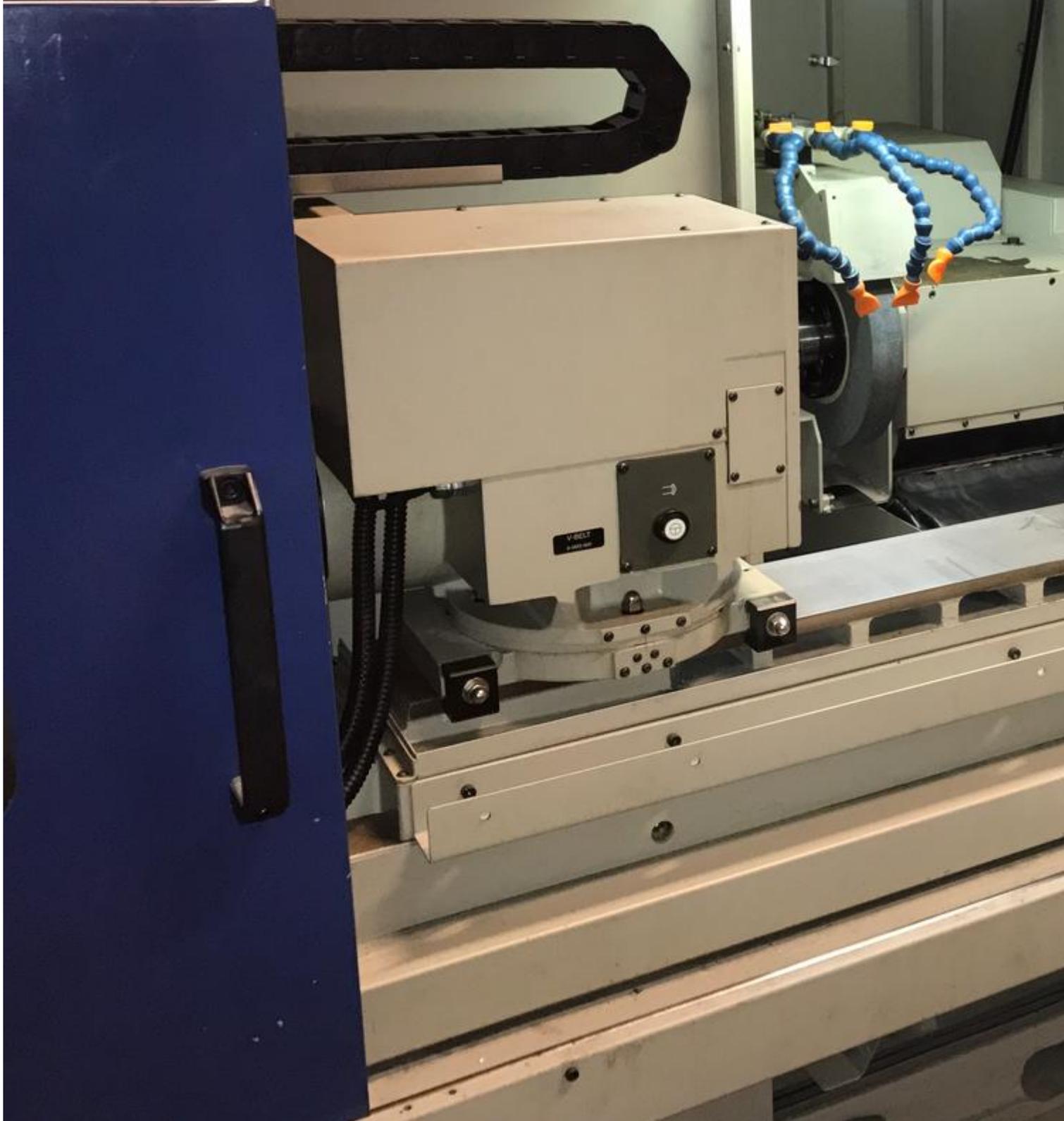
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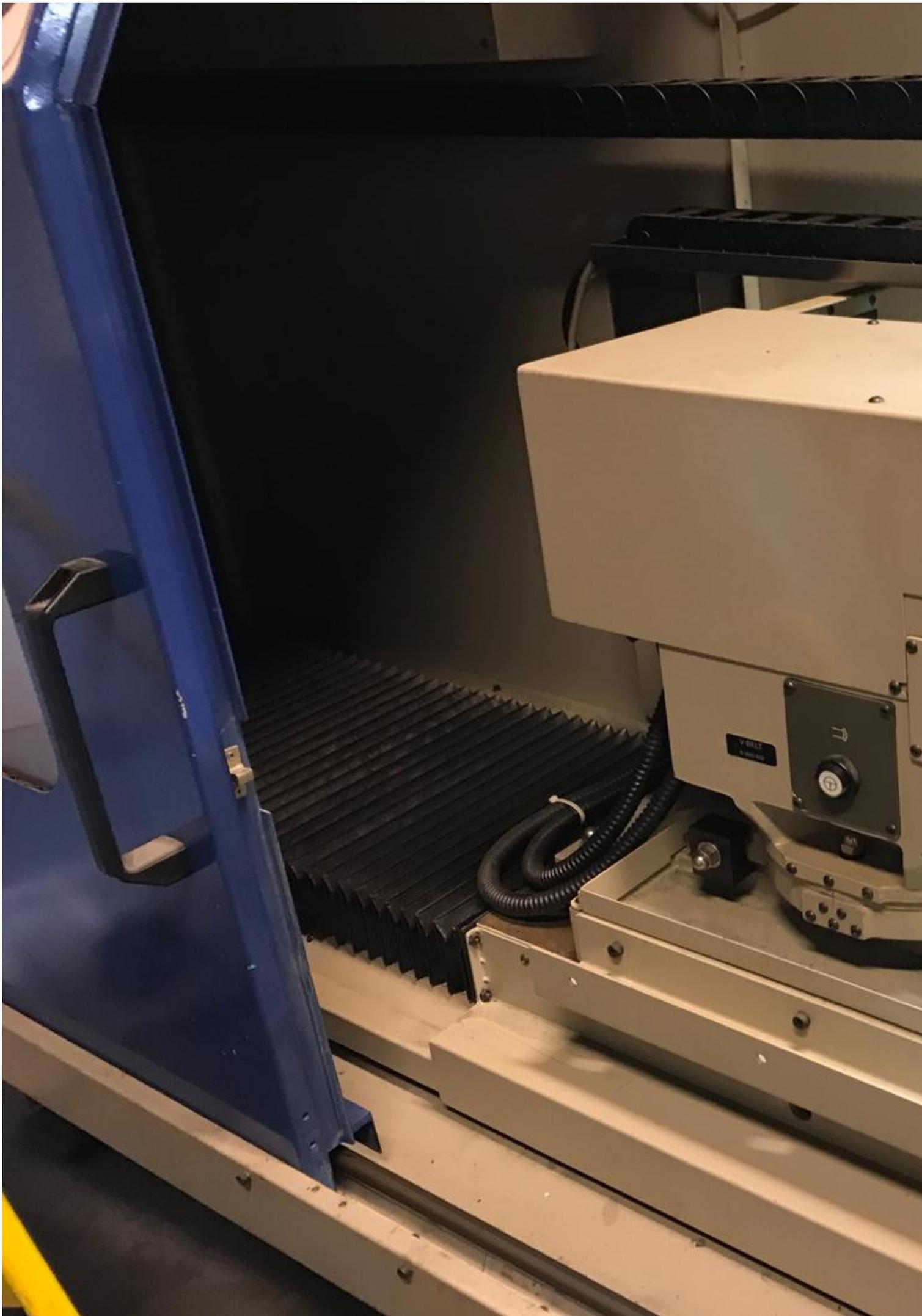


Det er det påbudt at bære beskyttelsesbriller ved brug af trykluft i Woltac MLL.

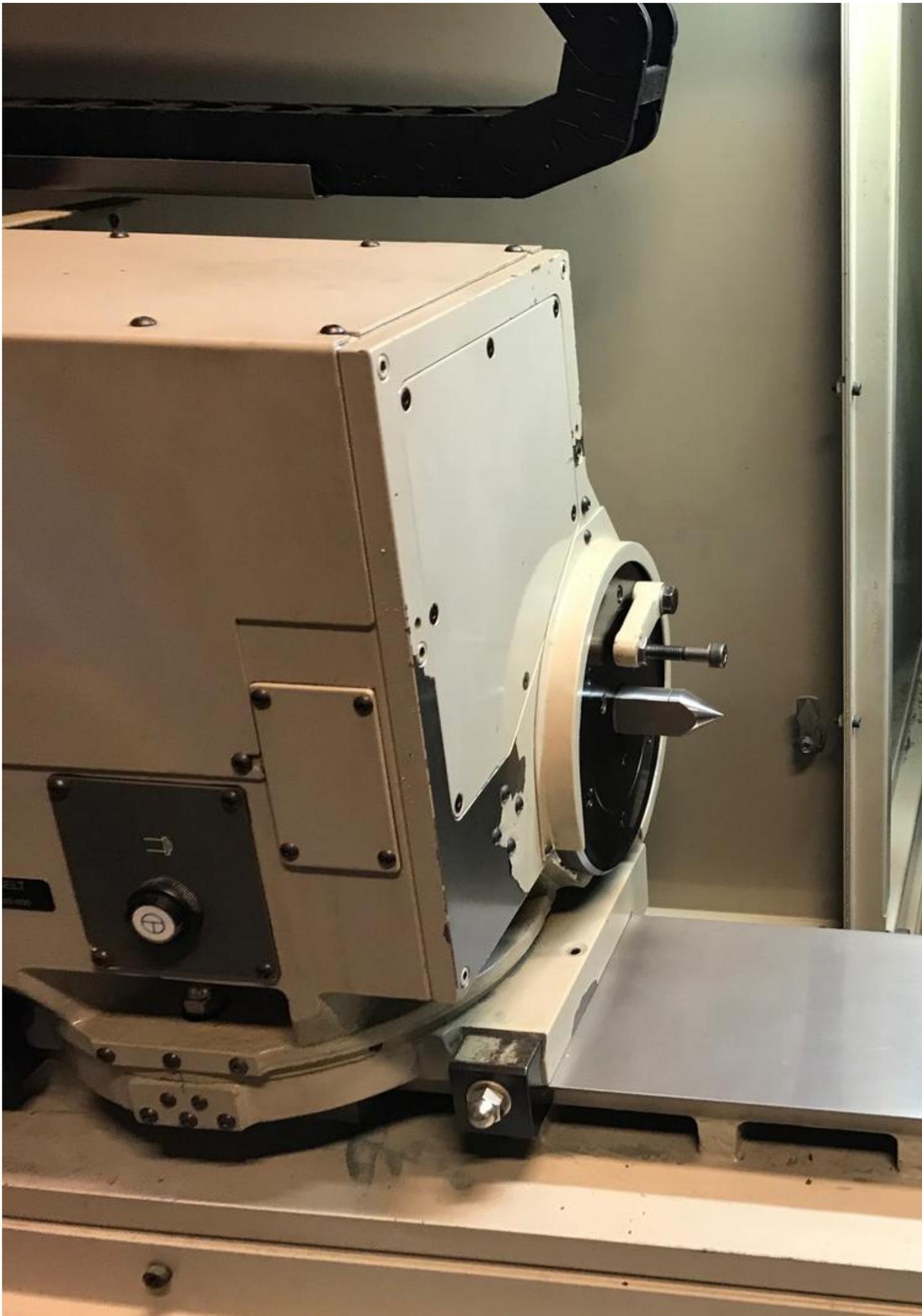
Woltac Sikkerhedsudvalget på Woltac



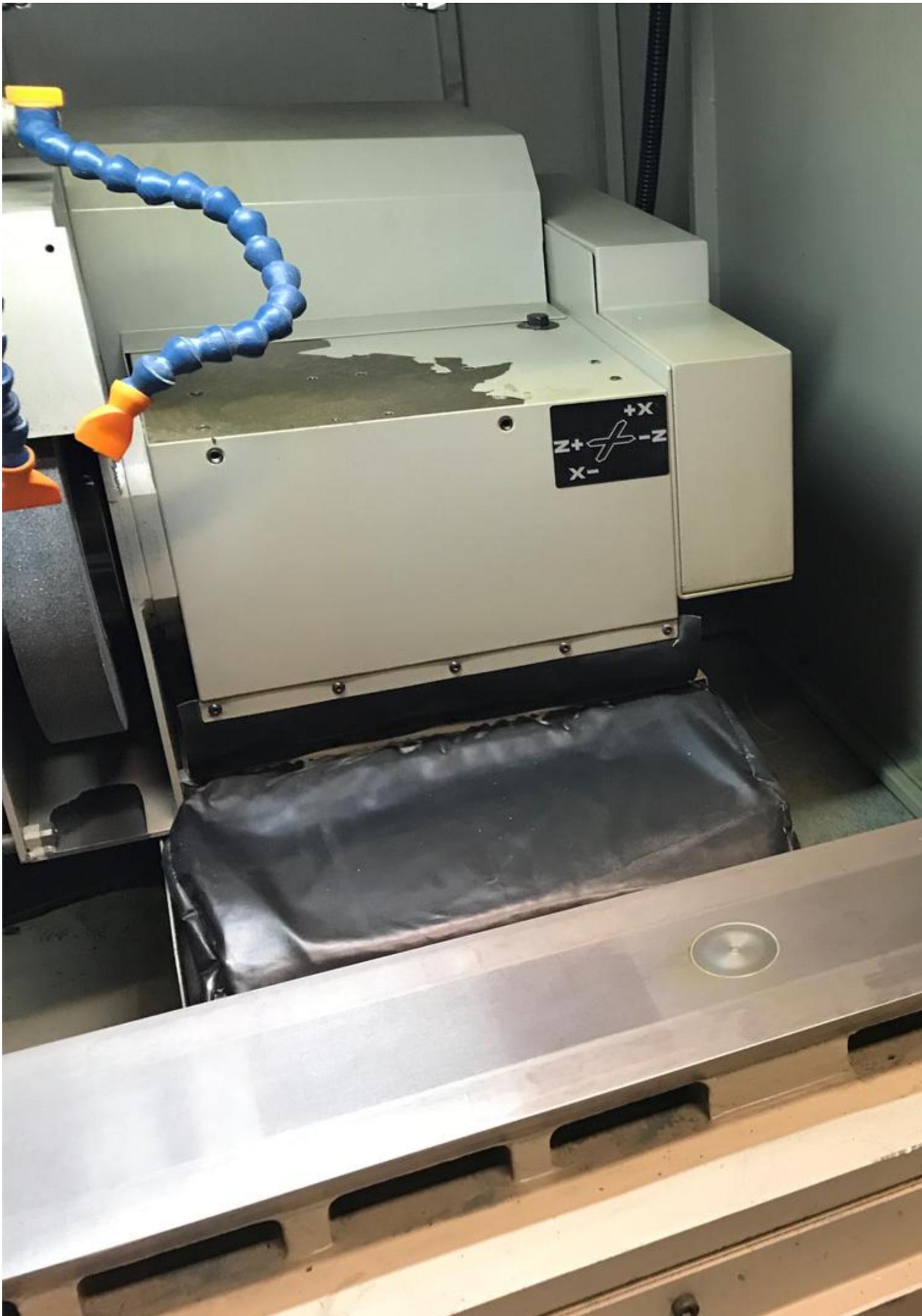


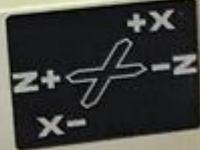










+X  
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X-

















NO. 34-1

N.W.: 80 KGS.  
G.W.: 85 KGS.

UP

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## 2 SPECIFICATIONS

### 2-1-2 Specification for Machine

#### 300-Series

(unit: mm)

Item		Unit	Plain type OGM-P				Universal type OGM-U			
			330P	350P	390P	3150P	330U	350U	390U	3150U
Capacity	Swing over table	mm	320							
	Distance between centers	mm	300	500	900	1500	300	500	900	1500
	Max. Dia. To be ground	mm	300							
	Max. weight between centers	Kg	150 (Center work)							
Grinding wheel	Size (O.D x Width x I.D)	mm	405x50x127				355x38x127			
	Speed (belt pully)	min-1	1570 / 1742				1767 / 1996			
	Max. peripheral speed	m/sec	30							
Wheel head	X-axis travel	mm	300							
	Swivel angle	deg.	Non-Swivel				± 30			
	Least travel increment	mm	0.0001							
	Continuous feed rate	mm/min	0.001~4000							
	Rapid feed rate	mm/min	4000							
Table	Z-axis travel	mm	670	870	1270	1870	670	870	1270	1870
	Swivel angle	deg.	0~12	0~10	0~8.5	0~5	0~12	0~10	0~8.5	0~5
	Least travel increment	mm	0.0001							
	Continuous feed rate	mm/min	0.001~10000							
	Rapid feed rate	mm/min	10000							
Work head	Spindle type	-	For dead-live center combined use							
	Center taper	MT	MT No.4							
	Spindle through hole Dia.	mm	φ 18							
	Spindle speed	min-1	10~500							
	Swivel angle	deg.	Non-Swivel				30~90			
Tail stock	Spindle stroke	mm	30							
	Center taper	MT	MT No.4							
Motors	Grinding wheel spindle	KW	5.5							
	Workhead spindle	KW	0.75 (AC servo motor)							
	Table feed	KW	0.9 (AC servo motor)							
	Wheelhead feed	KW	0.9 (AC servo motor)							
	Lubrication pump	KW	0.003							
	Coolant pump	KW	0.25							
	Magnetic separator (Option)	KW	0.025							
Required electro power consumption		KVA	20							
Tank capacity	Lubrication oil	Liters	3							
	Coolant tank	Liters	120							
Height from floor to work center		mm	1000							
Machine space	Width	mm	2860	3660	4830	6600	2860	3660	4830	
	Depth x Hight	mm	2000x1725							
Net weight		Kg	3000	3500	4000	5000	3000	3500	4000	



Specifications - NC Unit

1 Description, Model		FANUC 21-GA		Unit : mm/inch		
2	No. of controlled axes	2-axes : Traverse (X) and Longitudinal (Z) (inc. PMC axis control)				
3	No. of simultaneously controlled axes	1-axis				
4	Least input increment	Traverse (X) : $\phi$ 0.0001mm / $\phi$ 0.00001 inch Longitudinal (Z) : 0.0001mm / 0.00001 inch				
5	Interpolation	Positioning				
6	Max. programmable dimensions	$\pm$ 9999.9999 (8 digits)				
7	Position detection	Pulse coder				
8	Display unit	9-inch monochrome CRT character display				
9	Data entry	Key-in system				
10	Programming system	Absolute/Incremental combined programming				
11	Tool dia. compensation memory	$\pm$ 6 digits, 32 tools				
12	Preparatory functions	M followed by 2 digit code				
13	Subprogram call	4 subprograms				
14	Manual feed	Manual pulse generator	Traverse (X) : $\phi$ 0.0001mm/0.00001inch per pulse			
			Longitudinal (Z) : $\phi$ 0.0001mm/0.00001inch per pulse			
			Magnifications : X1, X10 and X100			
			100 pulses per turn			
		Jog	OGM-200(8)	Axis selection system		
				Traverse (X) : 1000 mm/min., 157.48 in/min.		
			OGM-300(12)	Longitudinal (Z) : 0 ~ 4000 mm/min. 0.0001 ~ 157.48 in/min.		
				Longitudinal (Z) : 0 ~ 10000 mm/min. 0.0001 ~ 393.70 in/min.		
			Rapid	OGM-200(8)	Traverse (X) : 4000 mm/min., 157.48 in/min	
					Longitudinal (Z) : 4000 mm/min., 157.48 in/min	
	OGM-300(12)	Longitudinal (Z) : 10000 mm/min., 393.70 in/min				
15	Other functions	<ul style="list-style-type: none"> <li>- Inch/Metric conversion</li> <li>- Interlock</li> <li>- Stored stroke check</li> <li>- PMC axis control</li> <li>- Reference point return (Manual, Auto.)</li> <li>- Dwell (second)</li> <li>- Skip function</li> <li>- Automatic acceleration and deceleration</li> <li>- Decimal point programming/calculator-type</li> <li>- Coordinate system setting</li> <li>- Macro executor</li> <li>- Memory card interface</li> <li>- Status display</li> <li>- Current position display</li> <li>- Display of parameter setting</li> <li>- Self-diagnostic function</li> <li>- Alarm display</li> <li>- Warning display</li> <li>- Servo adjustment screen</li> <li>- System configuration display, Hard- and Soft</li> <li>- Language (English/Japanese)</li> <li>- Grinding data display</li> <li>- Extension of grinding data</li> </ul>				



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

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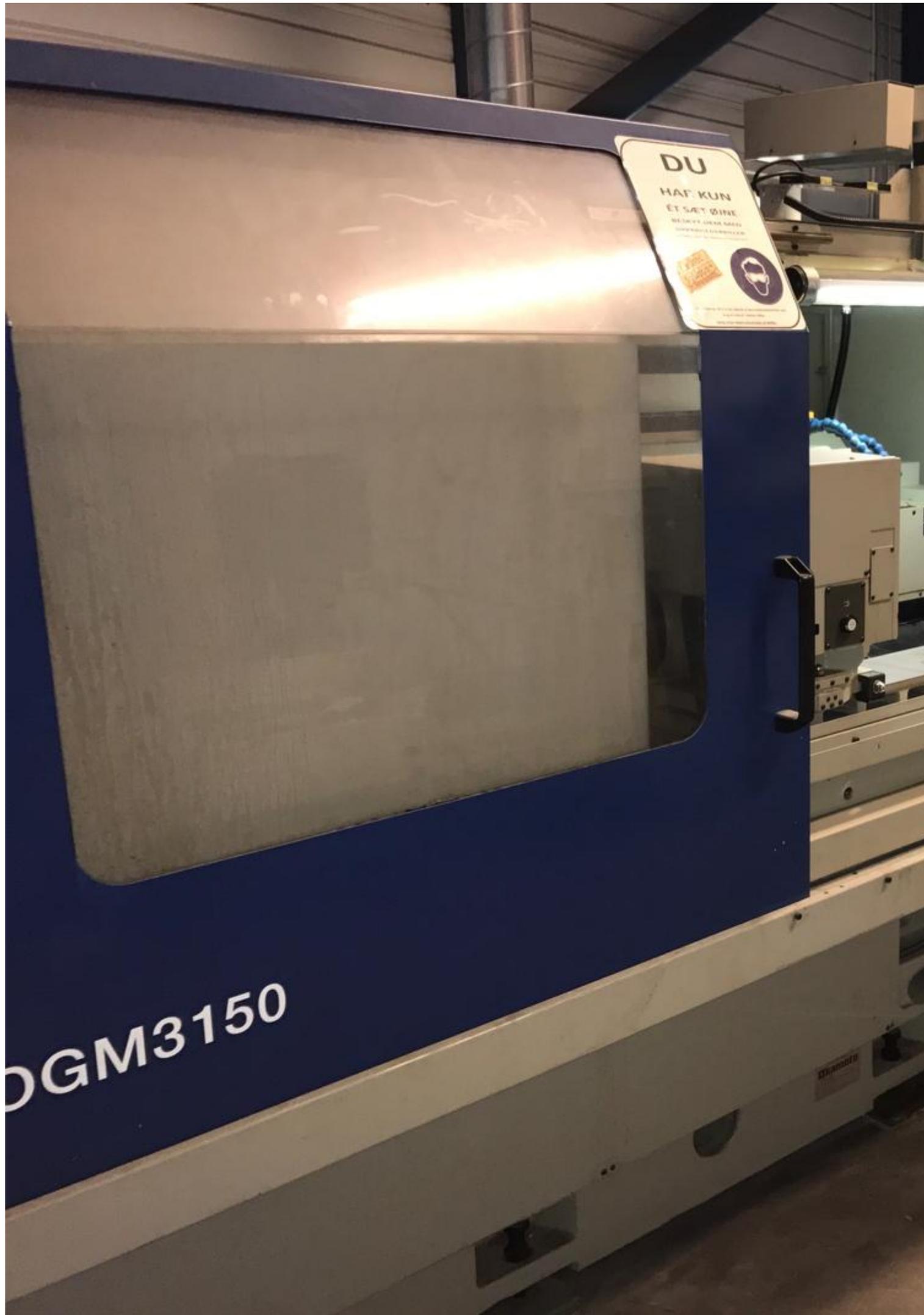
[19 %](#)

Location:  
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**Images:**







**DU**

**HAF KUN**

**ET SÆT ØINE**

BEHOLD DEM SÅ  
LÆNGE SOM MÅ

OPRÅBES



**OGM3150**



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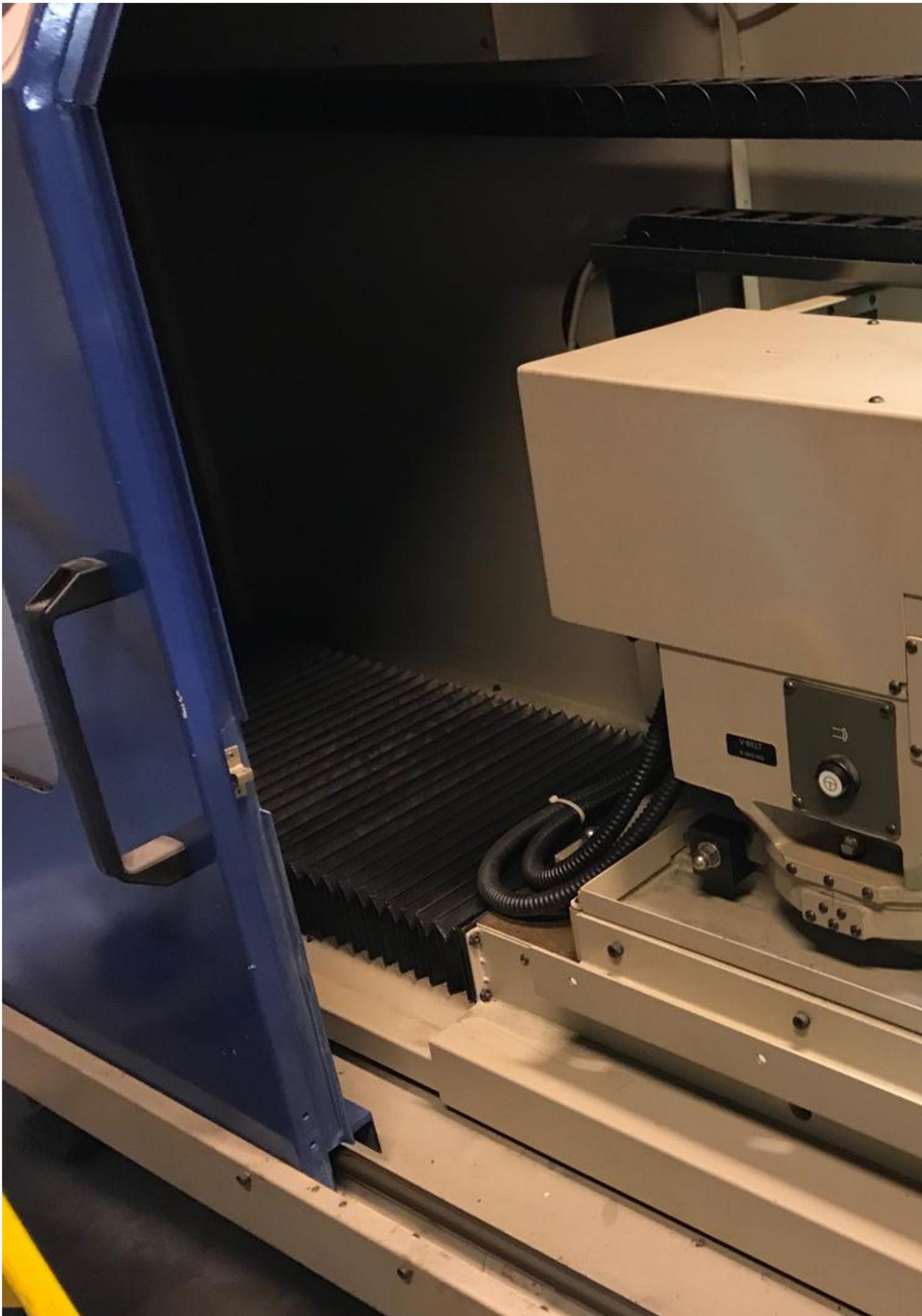
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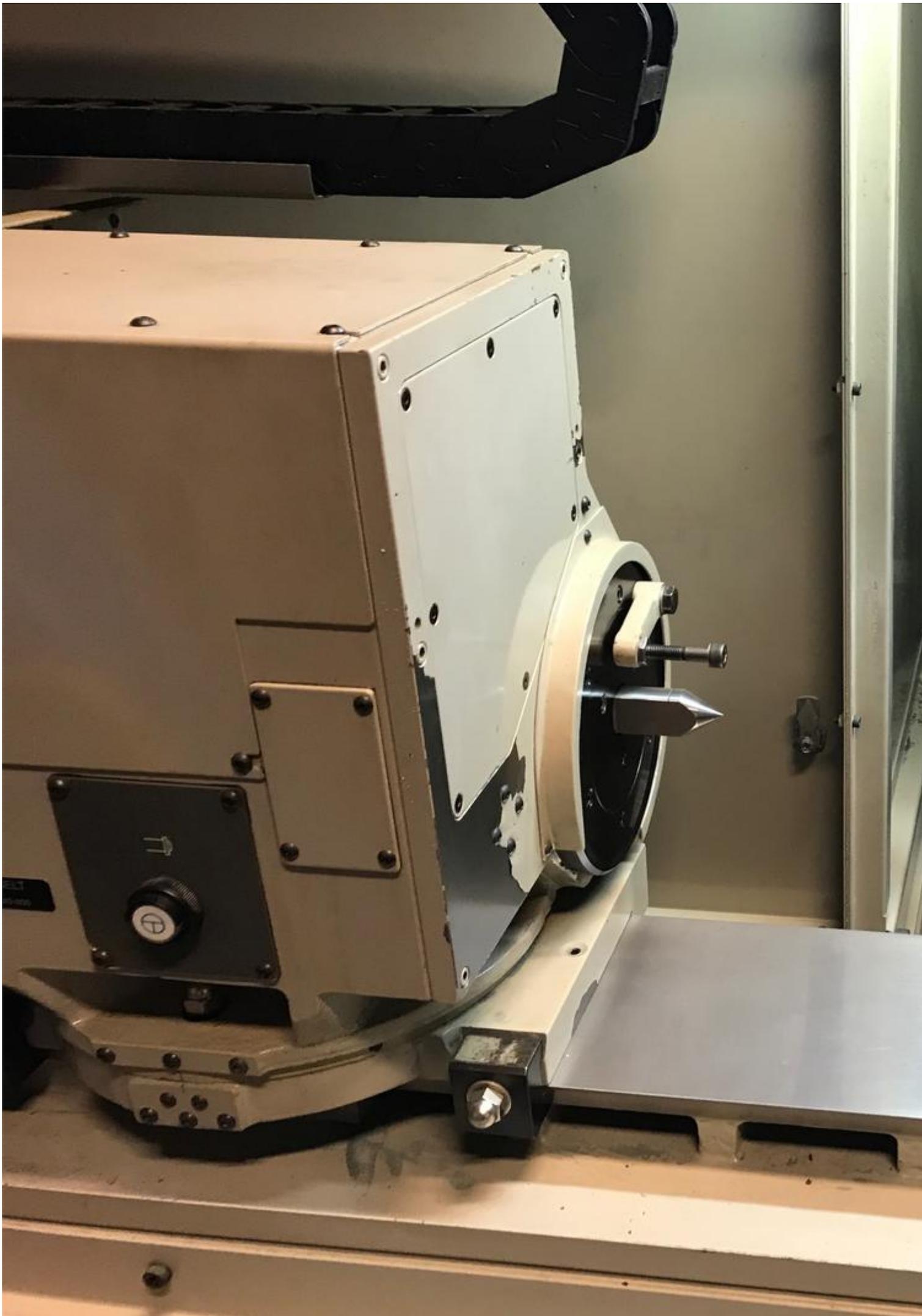
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Weller Sikkerhedsudvalget på Weller

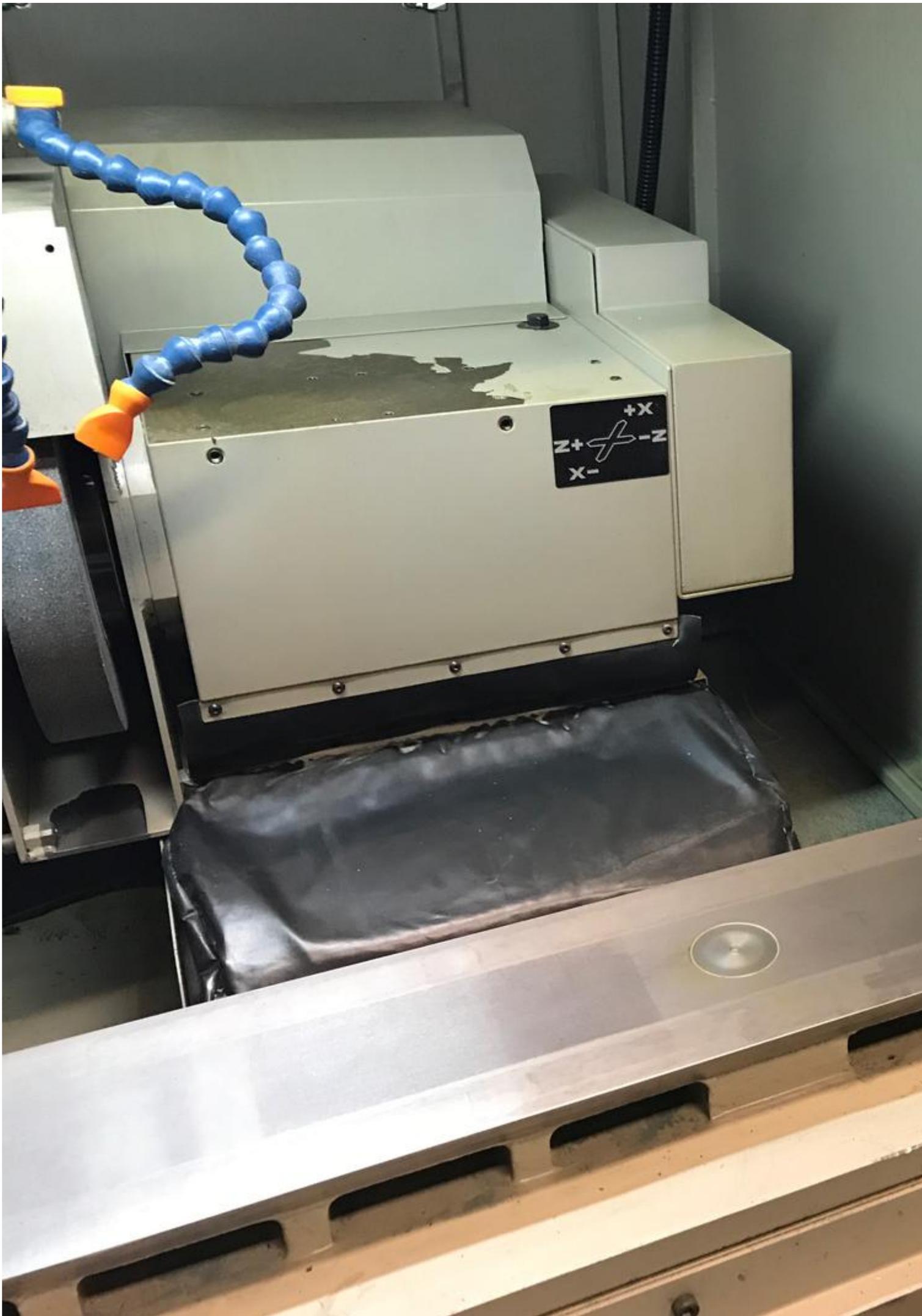




























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