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Ref. No.:  
1241-10191258

## Overview and Technical Data:

### DMG/MORI NTX 2000 Mill- /Turn centre

### DMG MORI SEIKI



# DMG

Year of Build:  
Jan 2016

## Description:

### **Used DMG - MORI SEIKI - NTX 2000 Mill / Turn Centre**

CNC Control FANUC 31 i

## Technical Data:

- Max. workpiece diameter: 660 mm
- Max. workpiece length: 1,538 mm
- Max. bar capacity diameter: 65 mm
- Max. X-Axis: 675 mm
- Max. Y-Axis: 250 mm
- Max. Z-Axis: 1,562 mm
- Toolholder 76x tools HSK 63
- Lower turret 10 tools

- Sub spindle
  - 15 bar spindle through
  - OMP 60 RENISHAW
  - Auto tool length
  - Bar capacity 91 mm
  - Spindle speed milling 12000 rpm
  - Chuck 10' x 2 B axis 0.001
- 

DMG MORI's new The NTX 2000 2nd Generation equipped with technologies are capable of integrating various machining processes with high accuracy, superb cutting abilities and wide machining envelopes.

The models enable 6-face machining with Spindle 2 and complete a whole process of part

machining on one machine. With the "CELOS," a user interface, setting of complex integrated machining has become easier than ever.

The 2nd Generation models deliver the highest performance for customers who aim at high-efficiency production processes and cost reduction

### **Simultaneous 5-axis machining**

- Simultaneous 5-axis machining of complex parts with the direct drive motor (DDM) installed in the B axis
- B-axis rotation range:  $\pm 120^\circ$ , rotational speed: 100 min<sup>-1</sup>
- Equipped with a Capto C6 tool spindle as standard, max. spindle speed of 12,000 min<sup>-1</sup>

### **Ease of operation**

- Digital tailstock adopted for the tailstock specifications

### **High precision**

- Thorough suppression of thermal displacement
- Zero-center-displacement spindles employed for spindle 1 and spindle 2

### **Accuracy**

Maximum precision and accuracy duration by thermal stable structure and direct measuring systems

- Highest temperature stability by liquid-cooled main and counter spindles
- Linear scales in the linear axes of the traveling column (X1 / Y1 / Z1)
- Cooling of the X- / Y- / Z-motors

### **Technical Data:**

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Control:

[Series 31i](#)

Machine Hours:

6462.00 hrs.

Spindle Hours:  
3502.00 hrs.  
Turning length:  
1538.00 mm  
Turning diameter:  
660.00 mm  
Spindle Speed:  
12000.00 rpm  
Tool Holder:  
[HSK-A63](#)  
Driven Tools:  
24.00  
Tool Capacity:  
76 x  
Tailstock:  
Yes  
Bezel:  
Yes

### **Dimensions and Weight:**

Height:  
2750 mm  
Length:  
5825 mm  
Width:  
2830 mm  
Weight:  
15270 kg

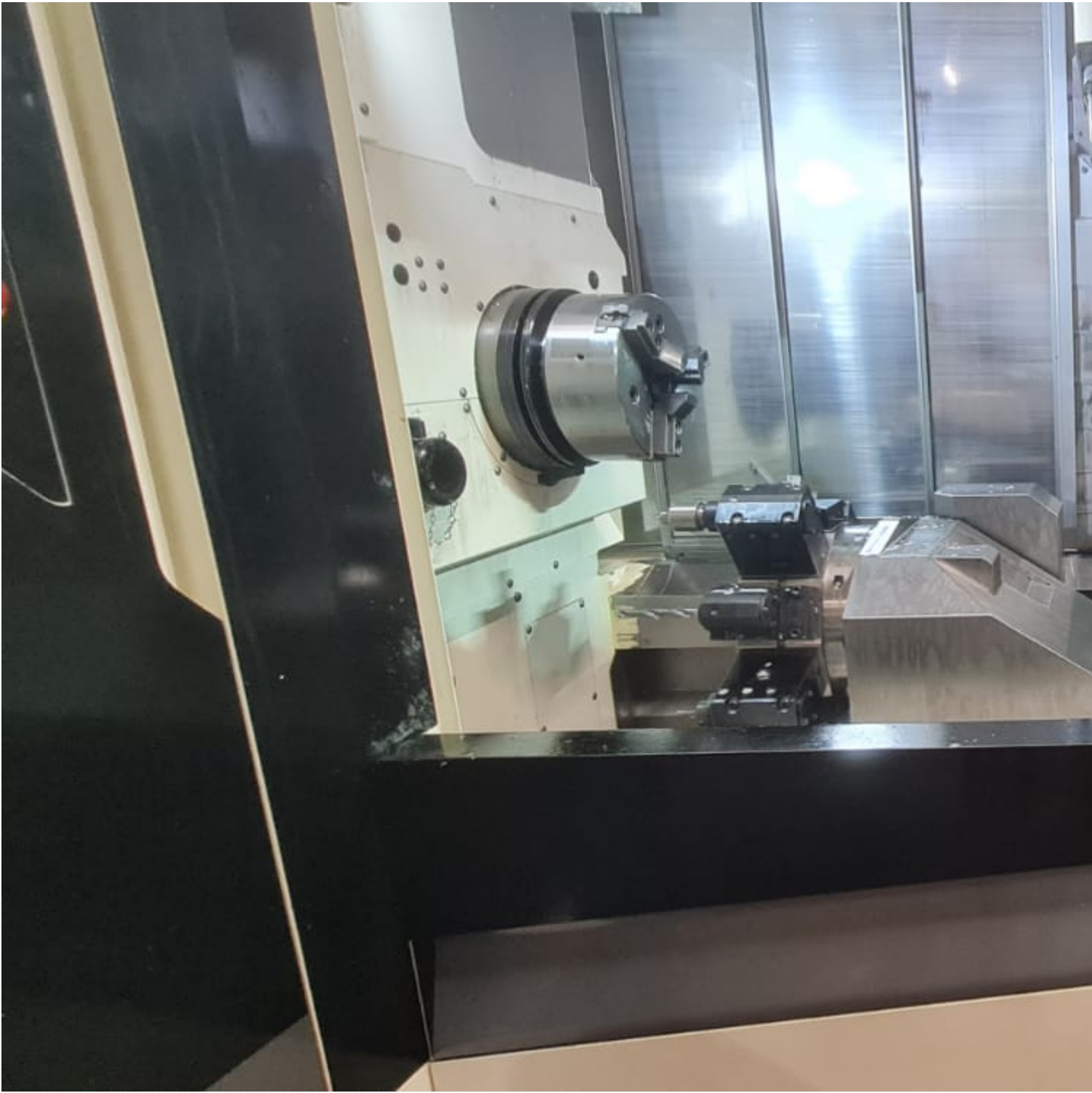
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Condition:  
[Very good condition](#)  
Available:  
[Sold](#)  
Sold as:  
[EXW \(Ex Works - Incoterm\)](#)  
VAT:  
[19 %](#)  
Buyers Premium:  
[16 %](#)  
Location:  
Israel

### **Images:**

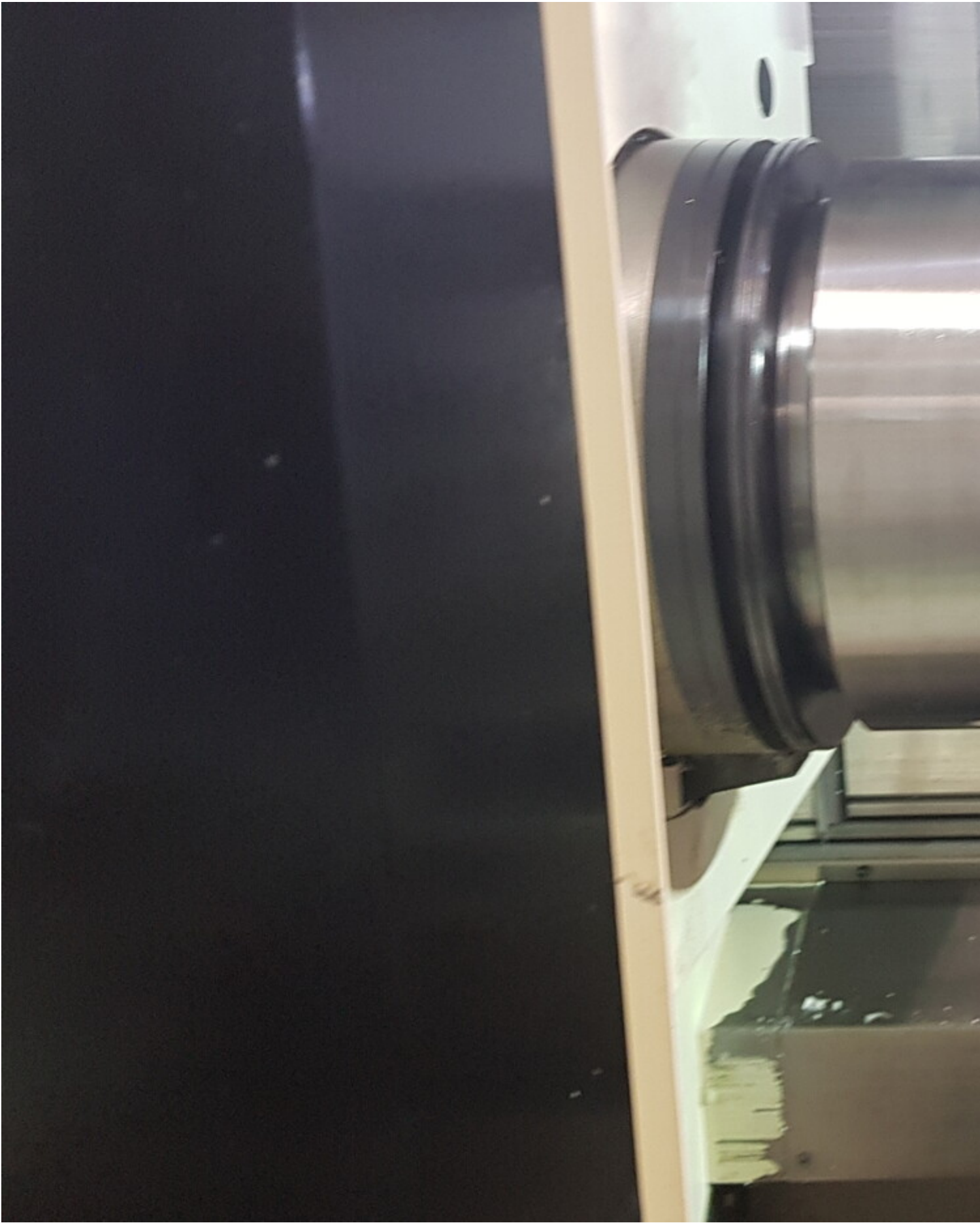




















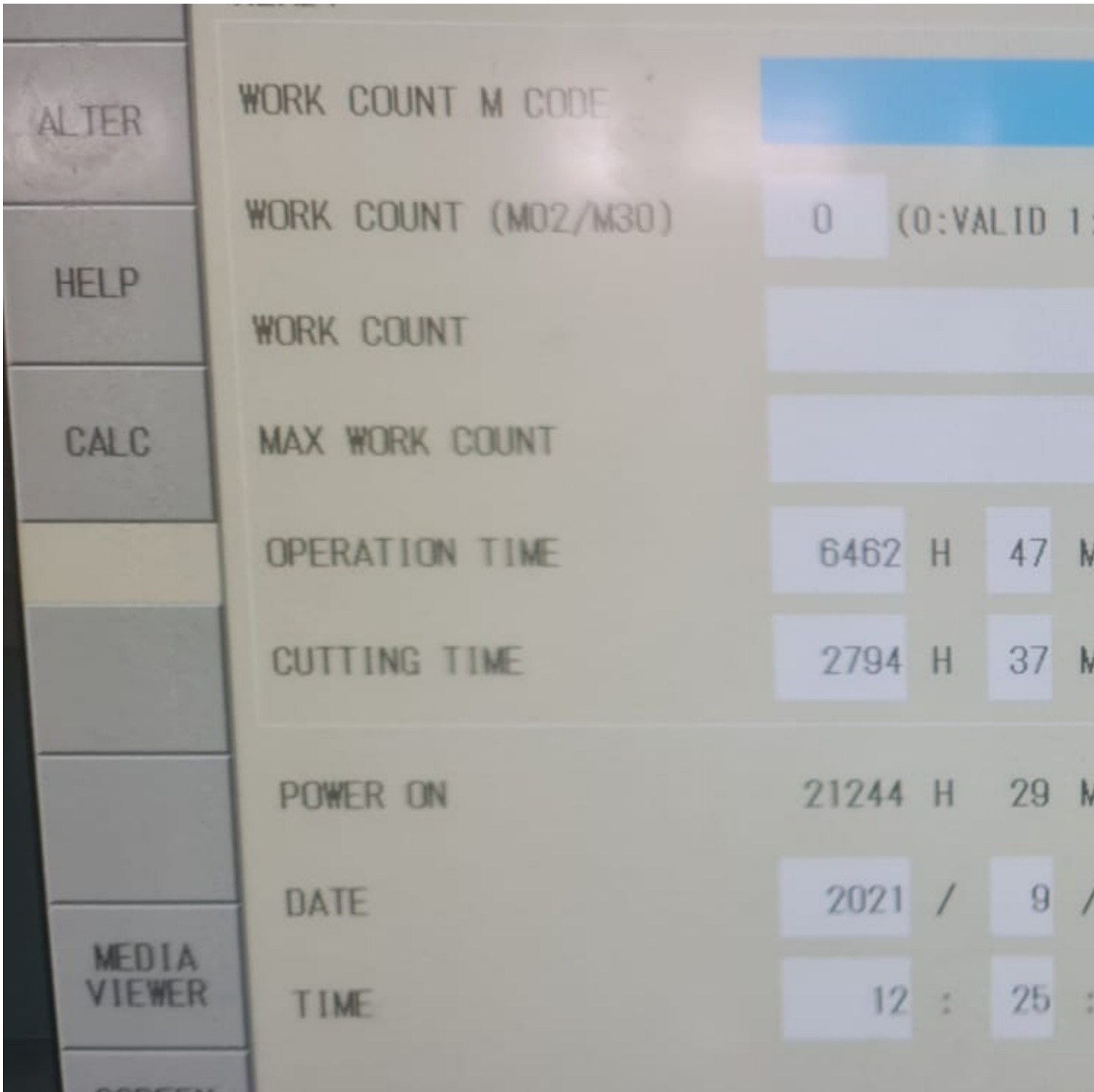
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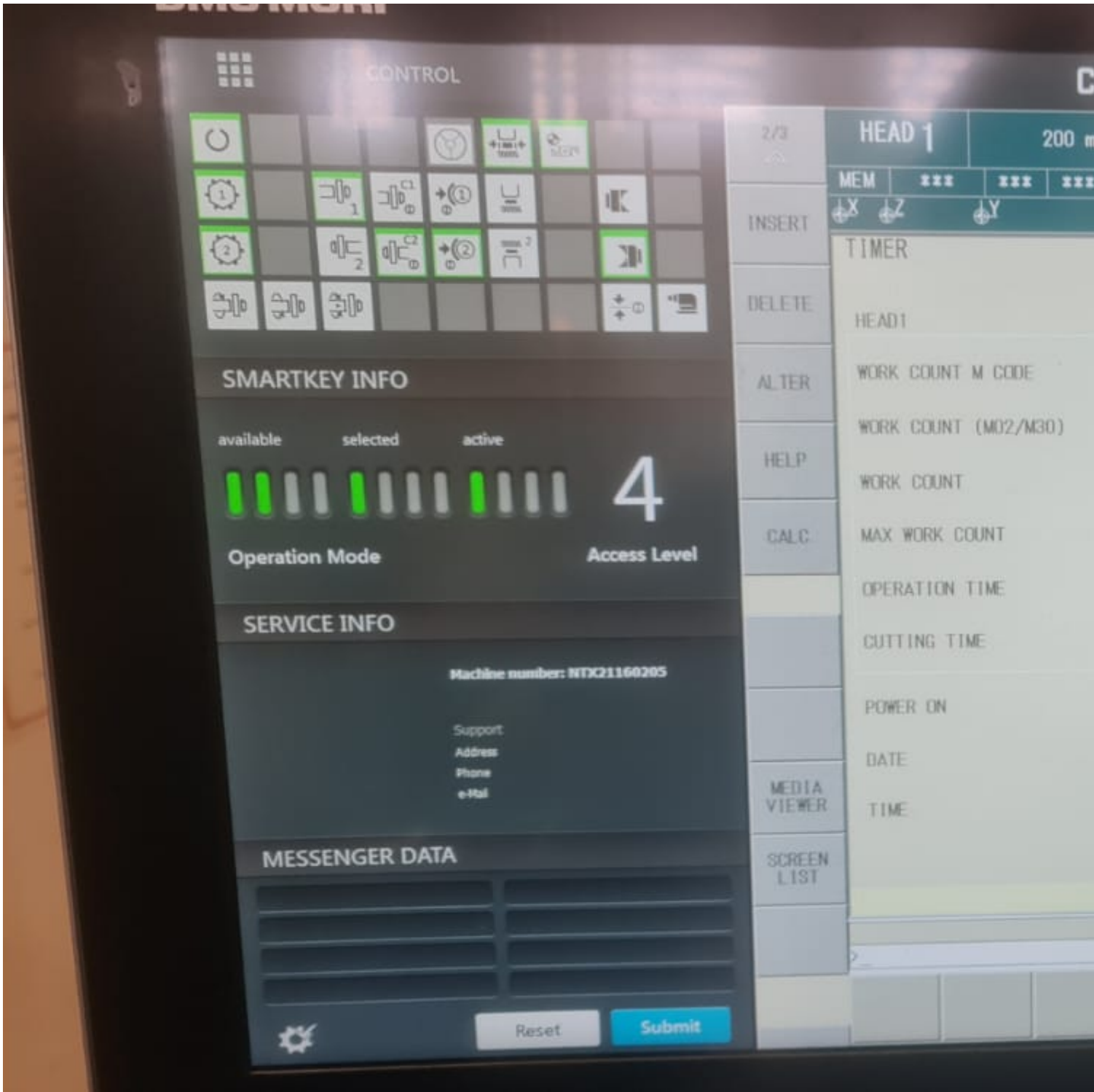
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21244 H 30 M

2021 / 9 / 29

12 : 25 : 40







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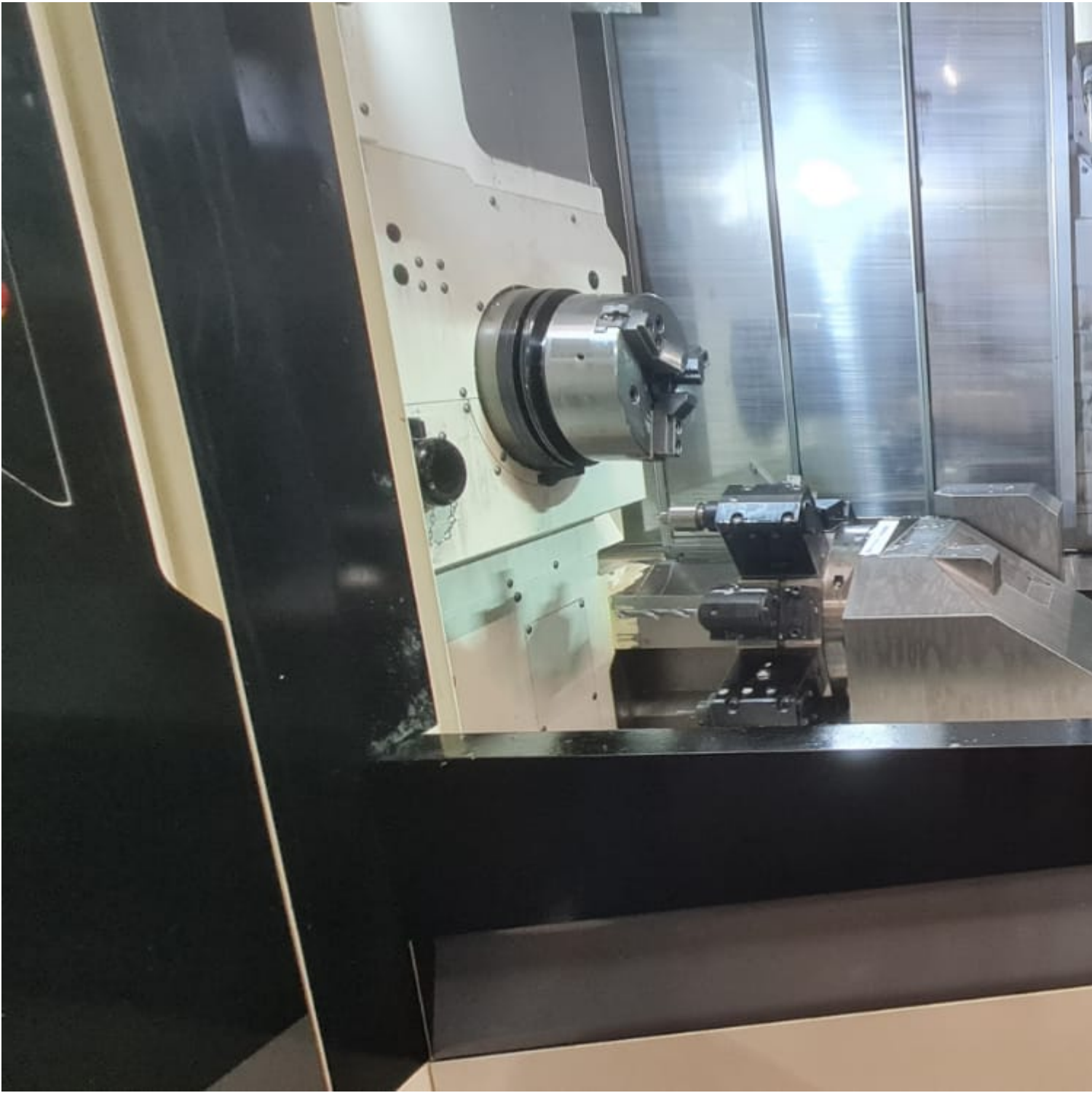
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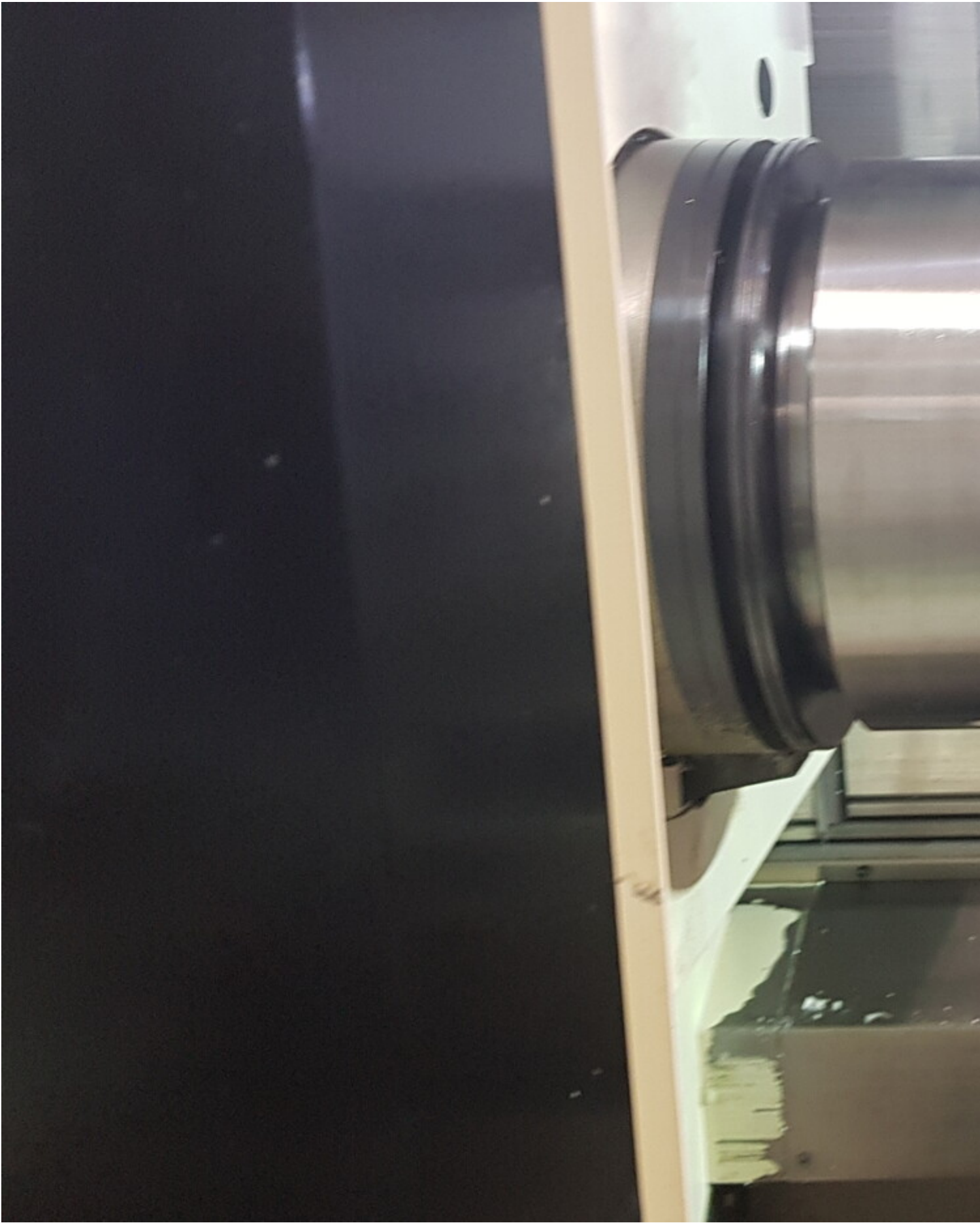


















DMG MORI

CONTROL

CELOS

5/20/21 12:22 PM Key M

Grid of control buttons including power, stop, and various function keys.

SMARTKEY INFO

Available selected active  
4  
Access Level

Operation Mode

SERVICE INFO

Machine number: 01232110000

MESSENGER DATA

UNIT	00378	200 mm/min	50%	20 min	00374	200 mm/min	
NOO010070					NOO000110		
NEW START	***	***	***		NEW	***	
POS						12:22:13	
PRG	OP 2 DRP-BLT TRANSFER CA441-53730-R-02		OP1-BLT TRANSFER CA441-53730-R-02-FL				
OFFSE	010 000 000 000 000 000 000 000		010 000 000 000 000 000 000 000				
CAPD	011 000 000 000 000 000 000 000		011 000 000 000 000 000 000 000				
COORD	X1 921.443 X1 -2.377		Z1 0.050 Z2 0.000		X2 0.000 X2 0.000		Z2 -268.453 Z2 0.000
	C1 180.000 C1 0.0000		C2 0.0000 C2 0.0000		Y1 -82.988 Y1 -38.802		Y2 0.0000 Y2 0.0000
	B1 -90.0000 B1 0.0000		A1 0.0000 A1 0.0000				
MESSAGE	100-001 1110 41100 mm/min 1110		100-001 1110 41100 mm/min 1110				
SP. SFR	10000000.0 SFR 20000.0		10000000.0 SFR 20000.0				
MAX	20000		20000				
SP. SFR	20000		20000				
WEAR	000 000 010 040 032 1		000 000 010 040 032 1				
WEAR	000 000 010 040 032 1		000 000 010 040 032 1				
WEAR	000 000 010 040 032 1		000 000 010 040 032 1				

Handheld control panel with a color touchscreen displaying a 3D CAD model of a mechanical part. Below the screen are several physical controls: a yellow emergency stop button, a green start button, a red stop button, and several rotary dials for parameter adjustment.

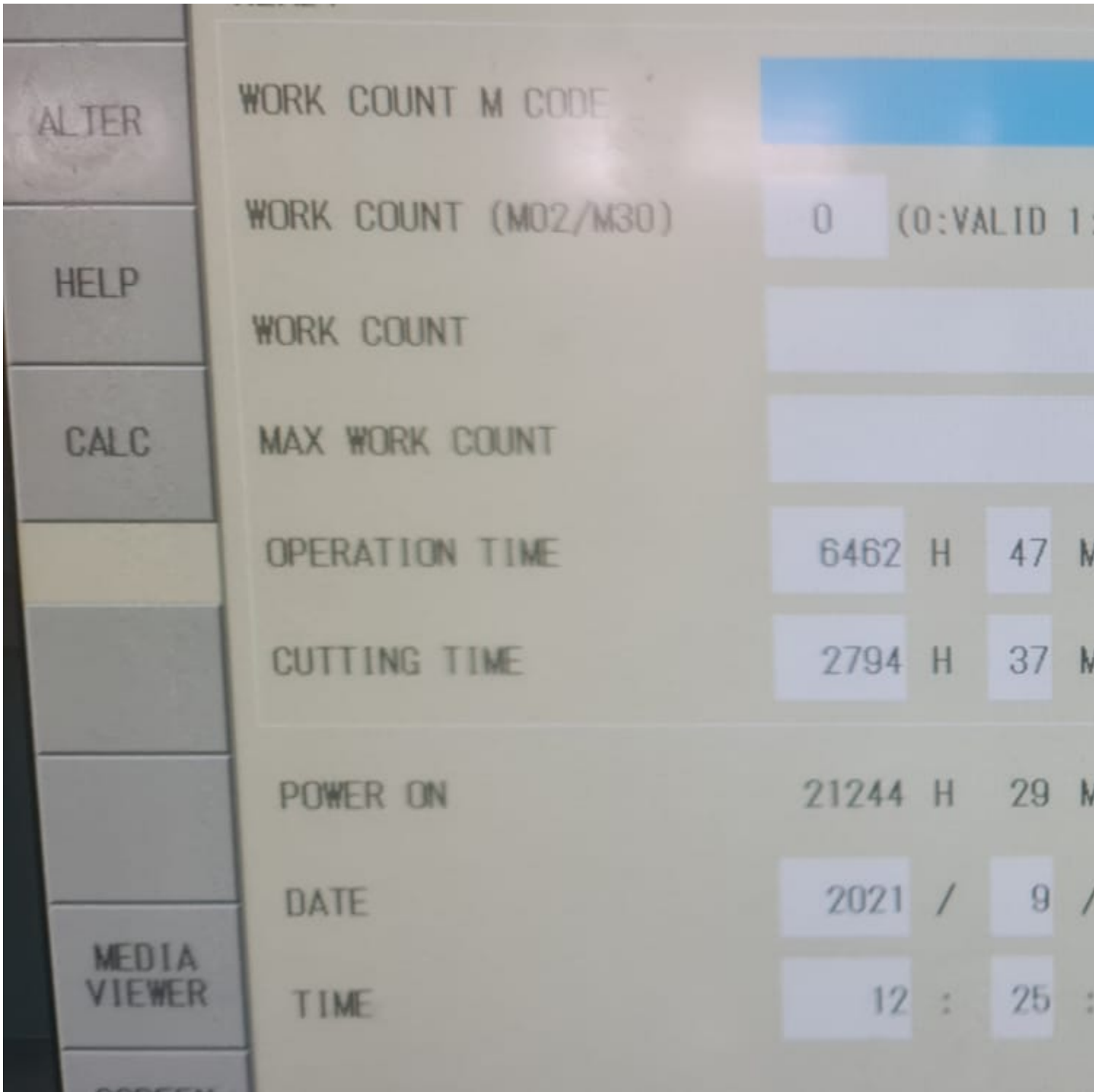
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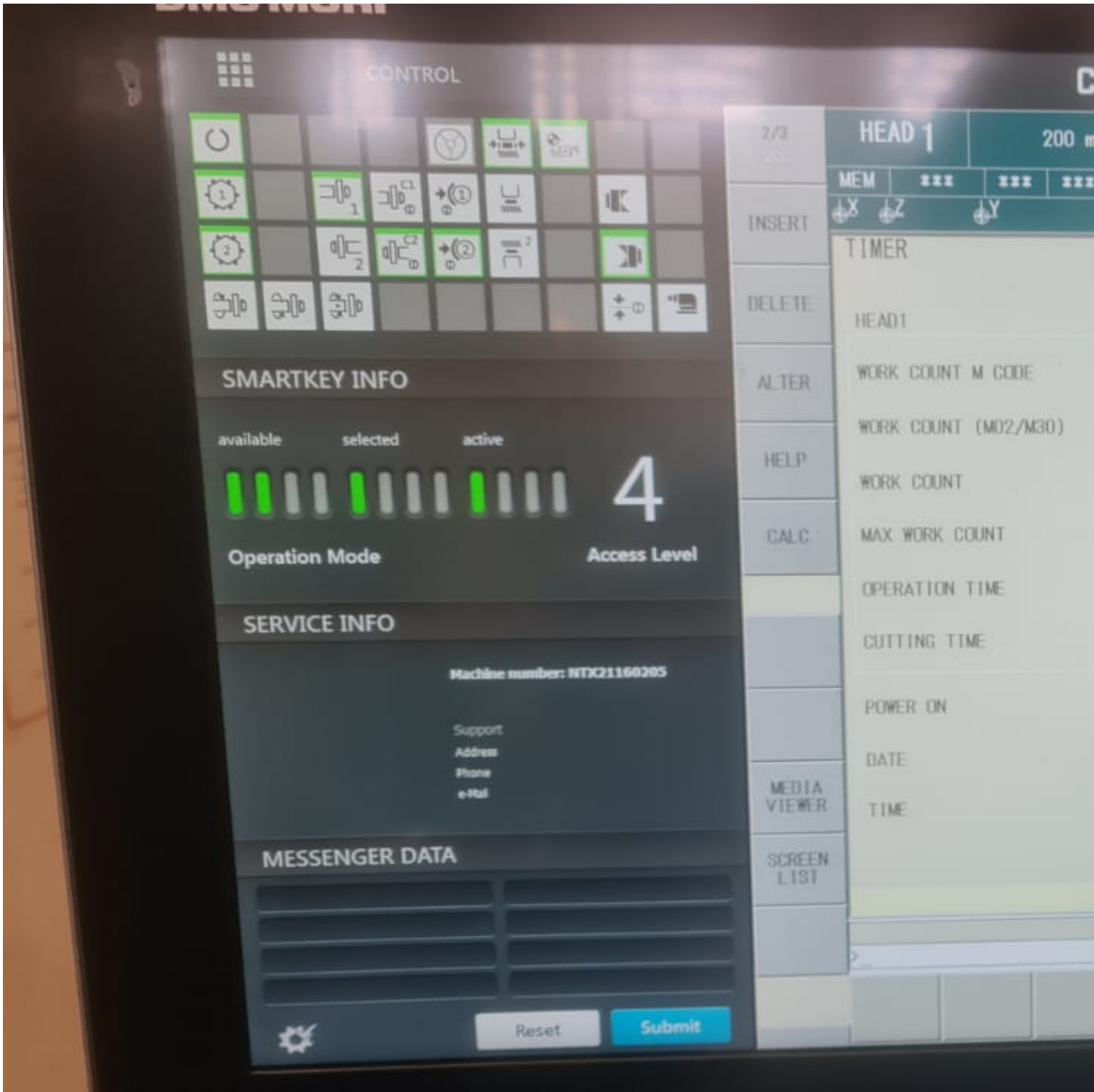
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