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Ref. No.:

1443-10171512

Overview and Technical Data:

HELLER MCT 250 CNC Horizontal Machining Center

[HELLER](#)

HELLER

Year of Build:
Jan 2005

Description:

Used HELLER MCT250 double spindle horizontal machining center with A-axis and 2 x B-axis

The used **HELLER MCT 250** is a horizontal machining center with a double spindle that is designed for precise CNC machining. It offers 5 NC axes and a generous work area with a travel of 650 mm in the X, Y and Z axes. With the Siemens 840D CNC control and a new spindle from 2012, the machine offers high performance. Precision machining is supported by fast tool changes and a 2x40-fold tool magazine. Ideal for versatile applications in the machine tool industry.

- CNC control: Siemens 840D
- New spindle in 2012

Technical data:

WORKING AREA:

- Travel
 - X-axis 650 mm
 - Y-axis 650 mm
 - Z-axis 650 mm
 - Number of NC axes 5

TABLE:

- Rotatability 360 °
- Positionability 0.001 ° rotation speed 30 / min swiveling 210 °
- Positionability 0.001 ° rotation speed 10 / min

WORKPIECE / HEAD

- Spindle speed 45 - 18000 / min Kessler
- Spindle diameter 80 mm tool holder
- Drive power (max.) 38 kW
- Spindle power (continuous) 25 kW
- Torque (max.) 132 Nm

The following restrictions apply:

- Maximum permissible weight of the moment absorbed by the gripping tool. 1 000 Ncm
- Maximum permissible tool weight 12 daN
- Fast tool change up to a tool weight of 3 daN

Axis drives

- Feed of 1 mm/min
- Feed speed up to 60000 mm/min
- Rapid traverse speed 60000 mm/min

TOOL MAGAZINE

- Number of tool positions 2x40
- Tool diameter max. 70 mm
- Free adjacent position 163 mm
- Tool length max. 300 mm
- Tool change time 3.2 s

DIMENSIONS / WEIGHTS

- Total weight approx. 16000 kg

Technical Data:

Technical Data:

Control:

[SINUMERIK 840D](#)

Machine Hours:

68.511 hrs.

Spindle Speed:

10.000 rpm

Tool Holder:

[HSK-A63](#)

Tool Capacity:

80 x

Travels:

X-Axis:

650 mm

Y-Axis:

650mm

Z-Axis:

650 mm

Dimensions and Weight:

Height:

4.000 mm

Width:

4.000 mm

Length:

10.000 mm

Weight:

16.000 kg

Buyer Information:

Condition:

[Very good condition](#)

Availability:

[Immediately](#)

Sold as:

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

VAT:

[19 %](#)

Buyers Premium:

[18 %](#)

Location:

Bulgaria

Images:



HELLE 3

SINUMERIK



ALPHA NUMERIC KEYPAD

DEL	←	→	↶	↷	↵	↻	↺	↻	↺		
A	B	C	D	E	F	G	H	I	J	K	L
M	N	O	P	Q	R	S	T	U	V	W	X
Y	Z	1	2	3	4	5	6	7	8	9	0
ENTER	↑	↓	←	→	↶	↷	↵	↻	↺	↻	↺
END	STOP	ALF	DEL	↻	↺	↻	↺	↻	↺	↻	↺

FUNCTION KEYPAD

Red emergency stop button

←	→	↶	↷	↵	↻	↺	↻	↺	
X	Y	Z	←	→	↶	↷	↵	↻	↺
←	→	↶	↷	↵	↻	↺	↻	↺	
←	→	↶	↷	↵	↻	↺	↻	↺	

Rotary dials for feed rate and spindle speed

Red and green indicator lights

CONTROL KEYPAD

←	→	↶	↷	↵	↻	↺	↻	↺
←	→	↶	↷	↵	↻	↺	↻	↺
←	→	↶	↷	↵	↻	↺	↻	↺
←	→	↶	↷	↵	↻	↺	↻	↺

Rotary dials for axis selection and other functions

Red and green indicator lights

SIEMENS 6ES7 300-1EA00-0AB0

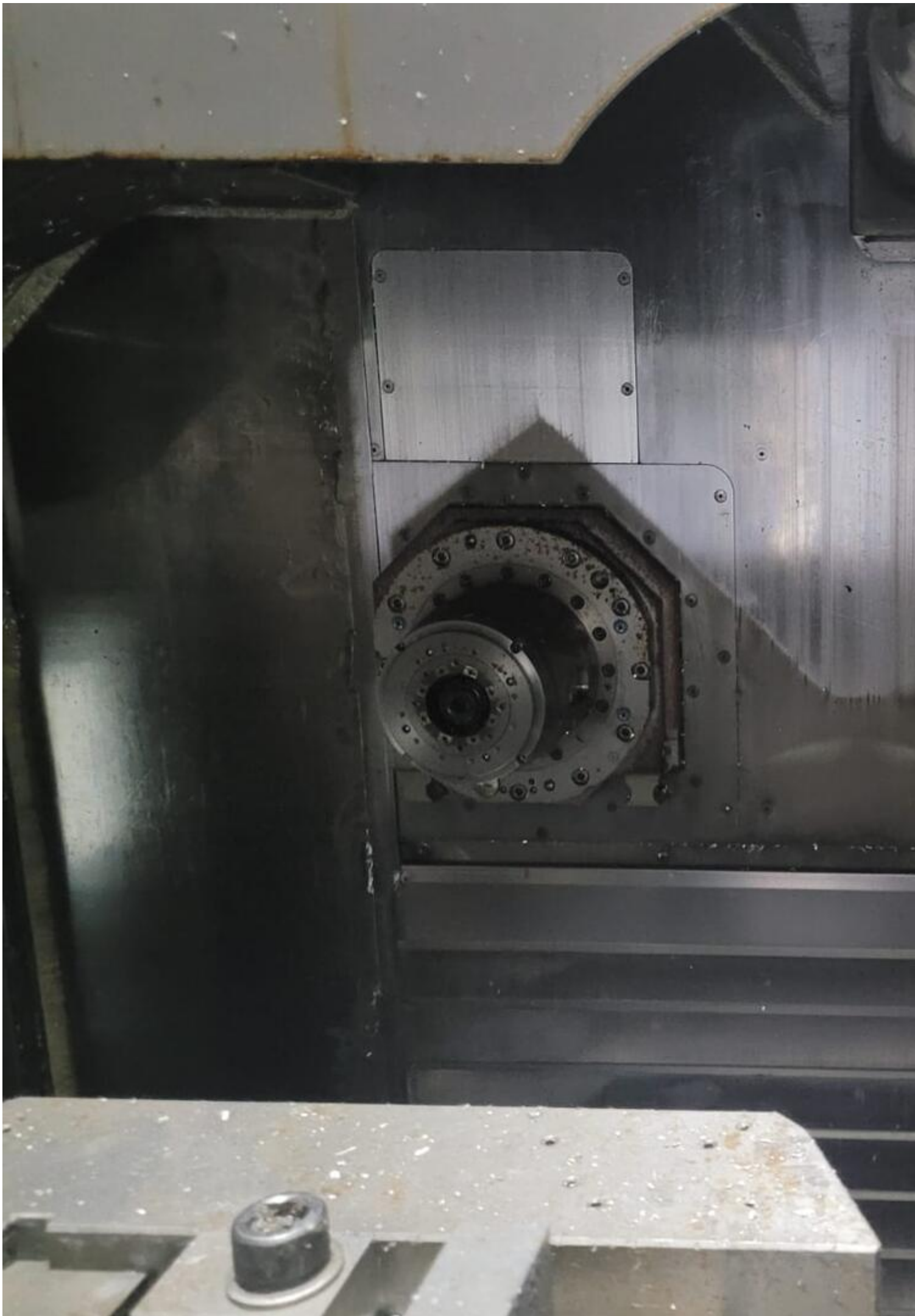
HELLER
MCT 250





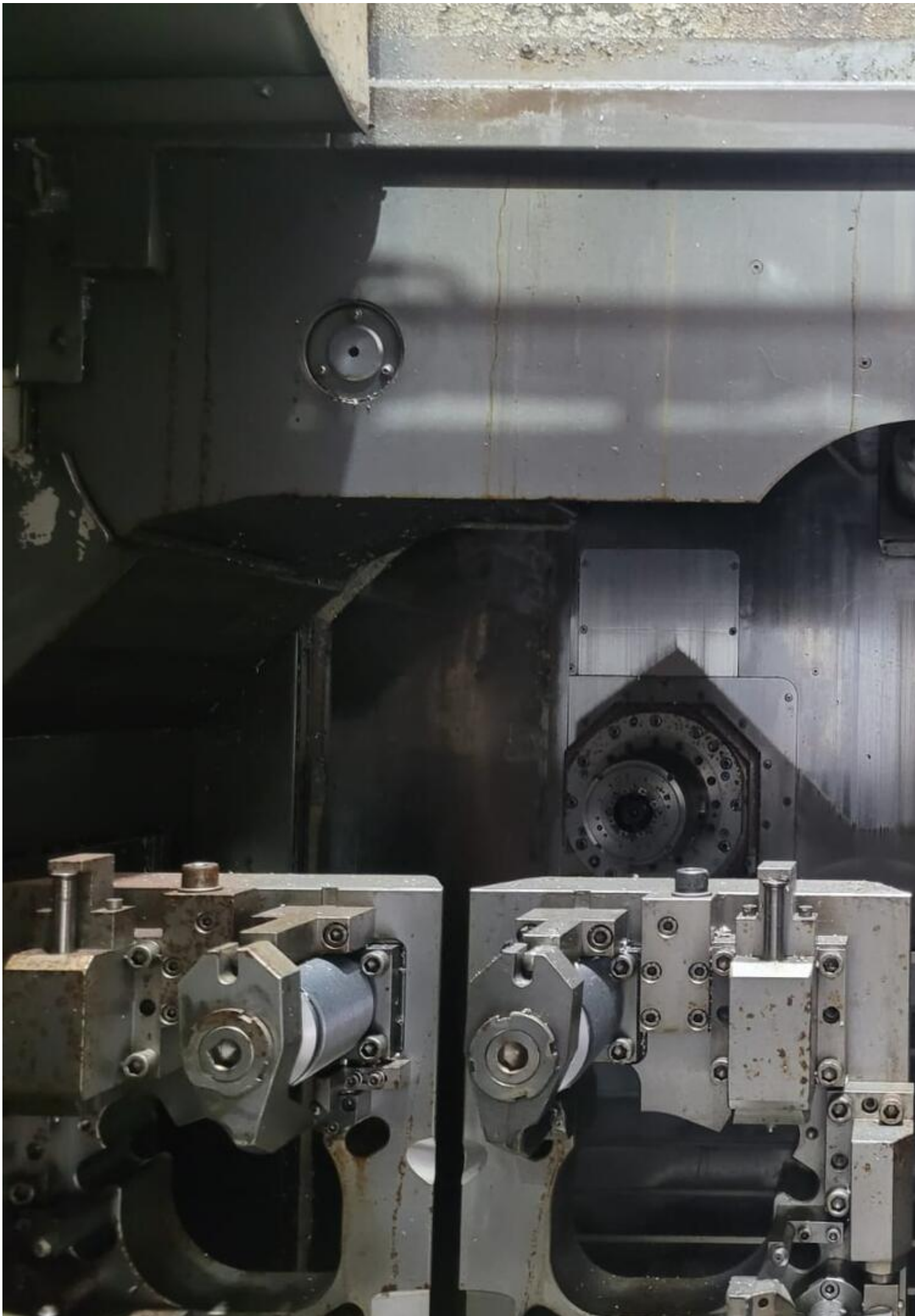


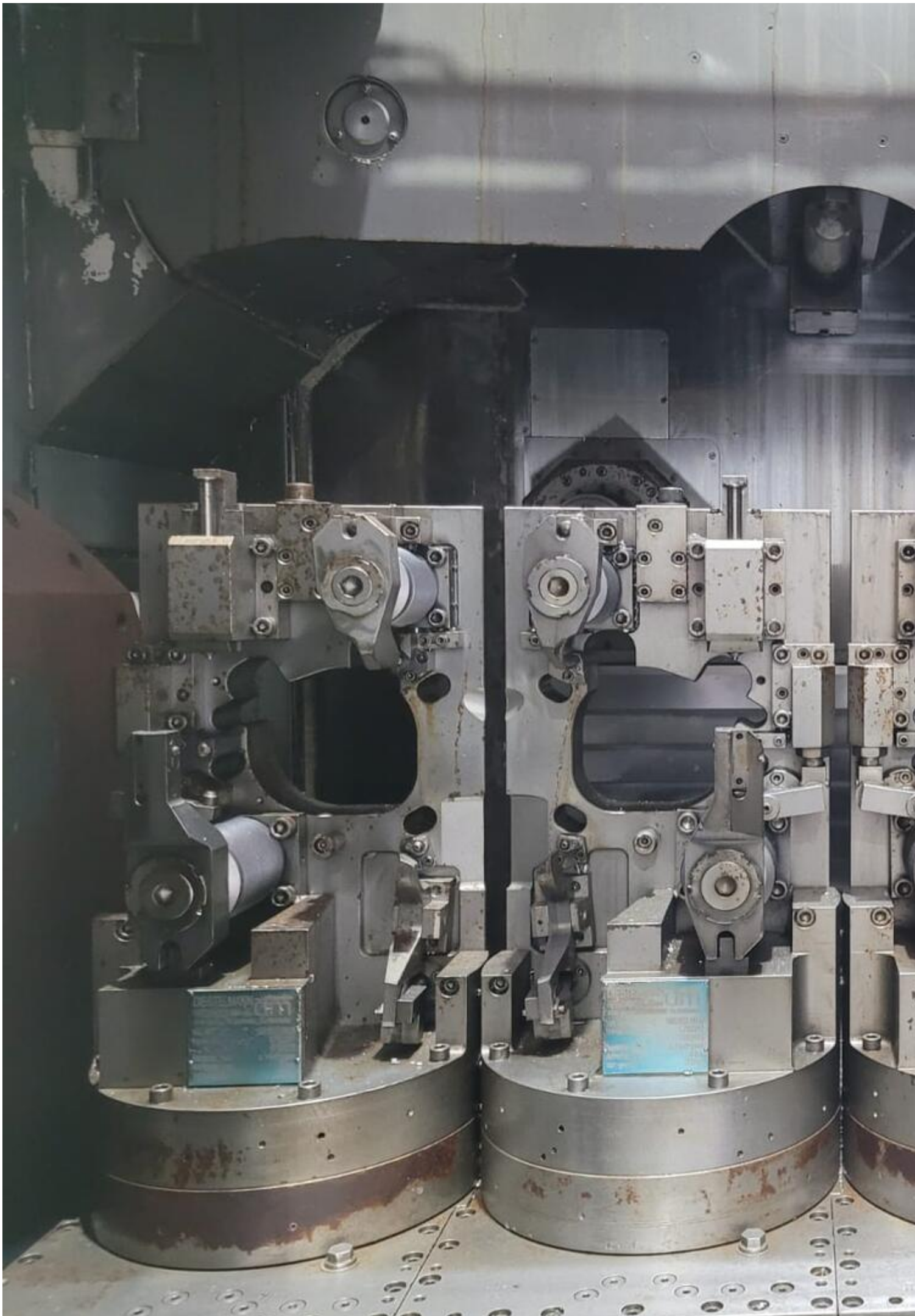












TS 61



Franz Kessler GmbH
D-88422 Bad Buchau Germany

3~Mot.
IEC 60034
VDE 0530

Typ DMS 100 46 4 FHS/F

01.096976

SN 207 169

IN.: 000.613.725

min⁻¹ 4740 - 18000 / 4740 - 15000 - 18000

kW 25 - 25 / / 36 - 36 = 30

V 350 - 418 / / 360 - 418 = 418

A 60 - 51 / / 79 - 65 = 52

Hz 158 - 608 / / 161 - 510 = 510

cosφ Δ / / Δ

S1 / S6/4096

Isol.Cl. F - Vibr.Cl. S1 Bar. IP 54 IC

IM Einschub J 0.038 kgm² m_{tot} 100 kg

W V A Hz

LCB GEL2442 - 256 Imp/U

Nm V A

-P152

-P152

Hours

068511





Asset-Trade

Assessment and Sale of Used Assets world wide

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[Very good condition](#)

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VAT:

19 %

Buyers Premium:

18 %

Location:

Bulgaria

Images:



HELLE 3

SINUMERIK



ALPHA NUMERIC KEYPAD

ESC	DEL	DEL	DEL	DEL	DEL
A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	NUM	NUM	NUM	NUM
7	8	9	4	5	6
1	2	3	0	0	0

FUNCTION KEYS: F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12, F13, F14, F15, F16, F17, F18, F19, F20, F21, F22, F23, F24, F25, F26, F27, F28, F29, F30, F31, F32, F33, F34, F35, F36, F37, F38, F39, F40, F41, F42, F43, F44, F45, F46, F47, F48, F49, F50, F51, F52, F53, F54, F55, F56, F57, F58, F59, F60, F61, F62, F63, F64, F65, F66, F67, F68, F69, F70, F71, F72, F73, F74, F75, F76, F77, F78, F79, F80, F81, F82, F83, F84, F85, F86, F87, F88, F89, F90, F91, F92, F93, F94, F95, F96, F97, F98, F99, F100

CONTROL PANEL

Emergency Stop: Red button with yellow ring

Function Keys: X, Y, Z, M, S, T, R, Q, P, O, N, M, L, K, J, I, H, G, F, E, D, C, B, A

Rotary Dials: M, S, T, R, Q, P, O, N, M, L, K, J, I, H, G, F, E, D, C, B, A

Buttons: Red, Green, Yellow, Blue, White

LOWER CONTROL PANEL

Buttons: Red, Green, Yellow, Blue, White

Rotary Dials: M, S, T, R, Q, P, O, N, M, L, K, J, I, H, G, F, E, D, C, B, A

Knobs: Black, White

Buttons: Red, Green, Yellow, Blue, White

25 300 992 541

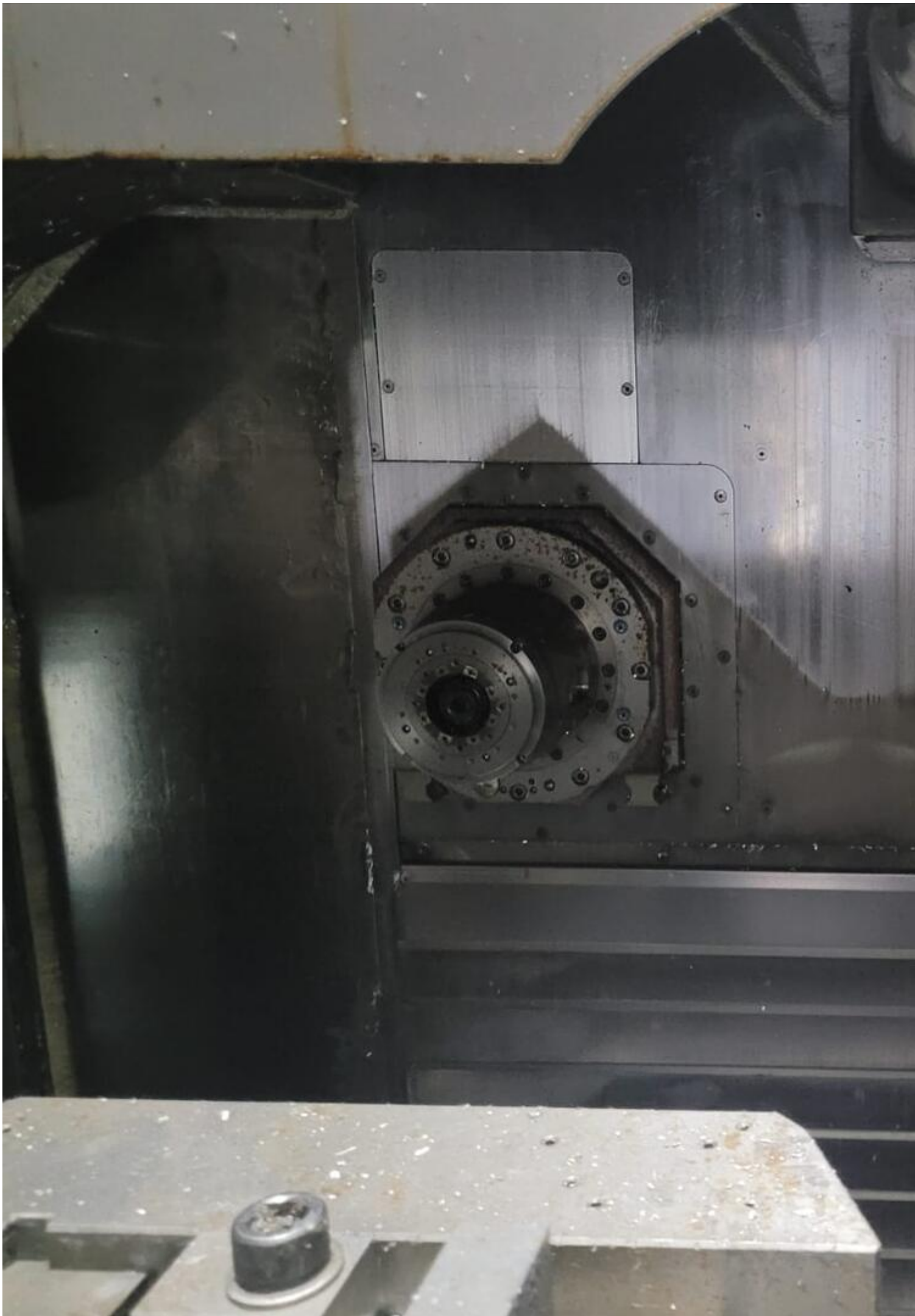
HELLER
MCT 250





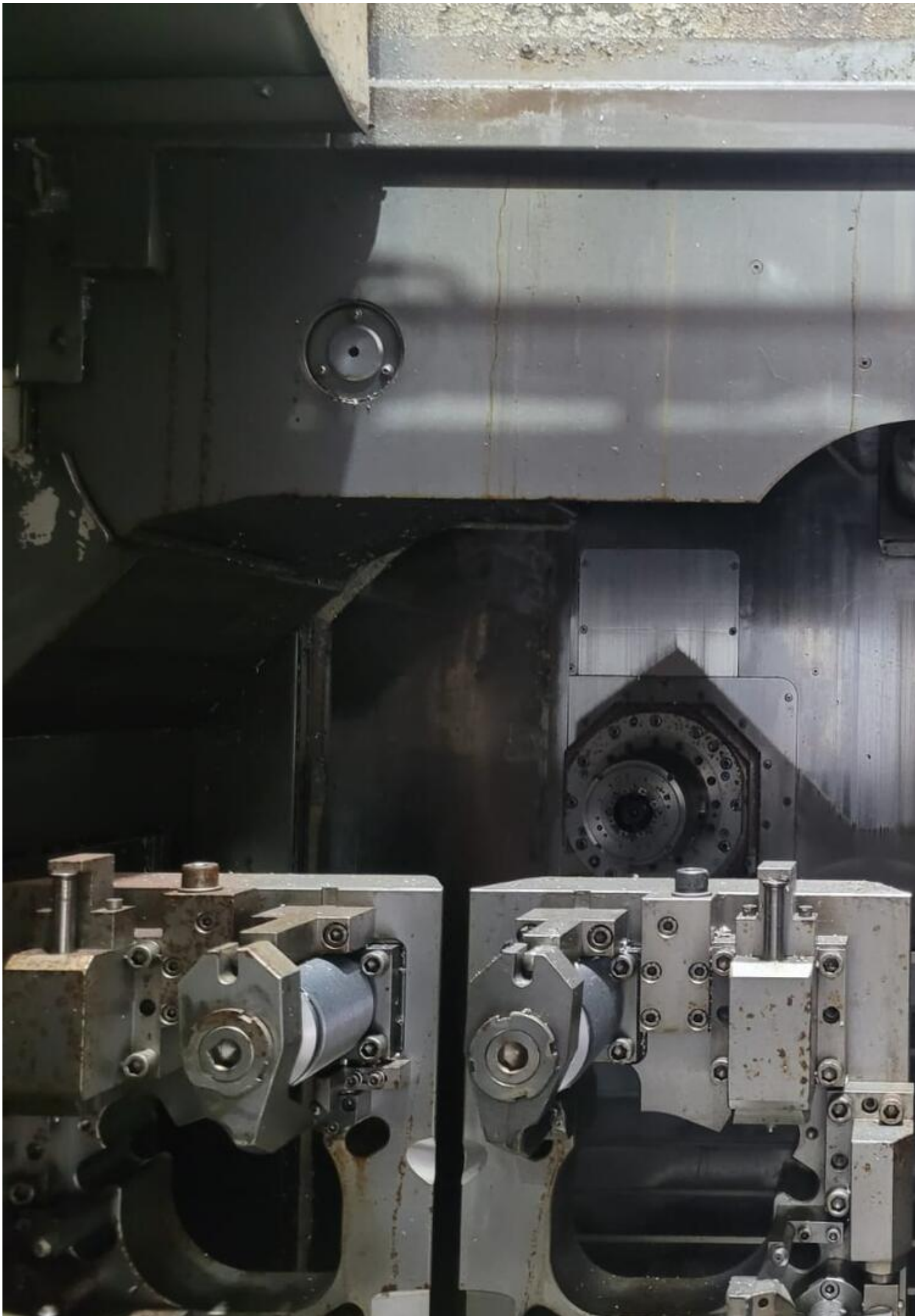


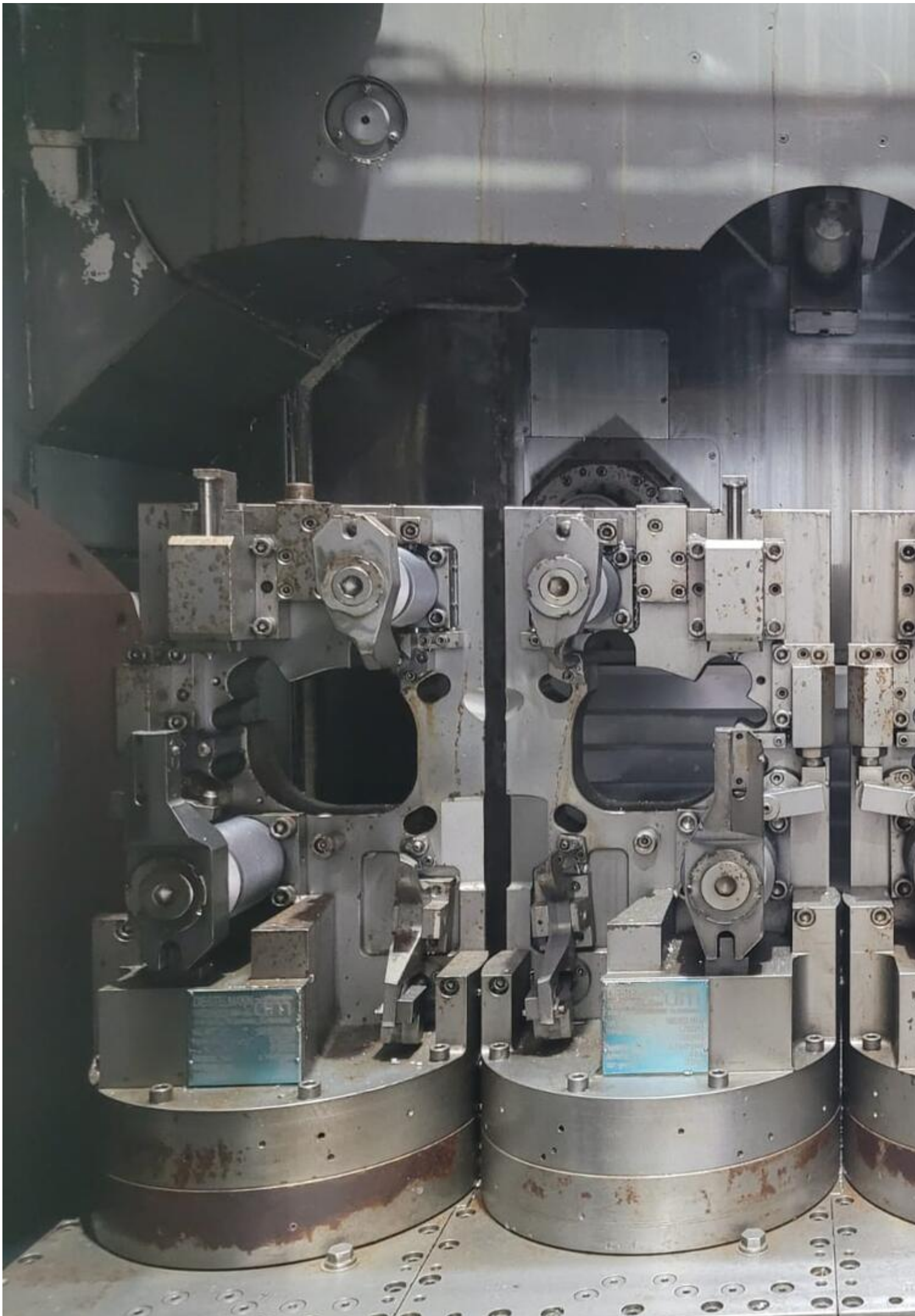












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