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Ref. No.:
1325-06241200

Overview and Technical Data:

MAZAK VTC-800/30SR - 5 Axis Simultaneous

[MAZAK](#)

Year of Build:
Jan 2012

Description:

Used MAZAK VTC-800/30SR - vertical machining centre for 5-axis simultaneous machining

CNC control 15" Mazatrol Matrix 2

Operating hours An 41.362 / Spindle 13.985 hours

Last repair on tool changer cable

Original spindle cover still available!

Availability by arrangement

Technical data:

- Table:
 - Table width: 3500 mm / 137.800 in
 - Table length: 820 mm / 32.280 in
 - Maximum table load: 2,500KG / 5,500 lbs
 - Table configuration: T-slots: 7 x 18 mm
 - Distance: 100 mm
 - Travel range
 - X-axis: 3000 mm / 118.10 in
 - Y-axis: 800 mm / 31.50 in
 - Z-axis: 720 mm / 28.35 in
 - B-axis (automatic swivel head): +/- 110 °
 - C-axis NC table: (0.001°)
 - Spindle
 - Work spindle: Max. Speed: 18,000 min⁻¹
 - Motor power: 35 kw / 47.0 hp
 - Torque: max 168 Nm
 - High pressure coolant through spindle: 70 bar
 - Distance spindle nose and table 140 - 860 mm
 - Feed rates:
 - Rapid traverse speed X-axis: 50 m/min
 - Rapid traverse rate Y-axis: 50 m/min
 - Rapid traverse speed Z-axis: 50 m/min
 - Tool changer:
 - Number of tool places: 48x
 - Tool shank: Steep taper SK40 DIN 69871A
 - Tool diameter: max 80 Mn
 - Tool length (from spindle nose): max 350 Mm
 - Tool weight: max 8 KG
 - NC rotary table:
 - Table diameter: 500 mm
 - max. table load hor.: 700 kg
 - rotatable C: 360 °
 - table speed: 25 min⁻¹
 - weight: 550 kg
 - Tool length measurement and tool breakage detection
 - Chip conveyor
 - Signal lamp (3 colours)
 - Rated power: 90 kva
 - Dimensions: Length: 5,250 mm / Width: 4,046 mm / Height : 3,330 mm
-

The Mazak VTC 800/30 SR vertical machining centre features a high-speed 40-taper spindle, a tilting spindle head (B-axis), a full travelling column and a fixed table for machining extremely long and heavy workpieces. With an optional table partition, the long machine table can be converted into two separate work areas. The roller gear swivel head offers improved accuracy and repeatability due to its backlash-free design, which enables the machining of complex features and contours. These features provide excellent machining capacity for a wide variety of workpieces.

Thanks to the additional axis, machining processes can be significantly reduced and productivity increased. In combination with a rotary table, 5-axis simultaneous machining is possible. The machine also offers high rapid traverse speeds to reduce non-productive times.

The VTC-800/30SR is designed to meet the diverse and extensive requirements of high-performance, flexible and precise manufacturing applications in the best possible way. With its axis travels of 3,000 mm (X-axis), 800 mm (Y-axis) and 720 mm (Z-axis), the VTC 800/30SR has excellent machining capabilities for a wide range of workpieces.

±110°B-axis swivel head enables machining of any angle, including vertical, horizontal and inclined surfaces

High performance 18000min⁻¹(rpm) spindle for machining aluminium and steel

Flexible 3500mm X 820mm long table suitable for long workpieces, multi-piece machining and as a replacement for 2 pallet changers

The new Serie VTC offers such flexibility for 3-, 4- and 5-axis machining that you can supply virtually any industry with the highest quality precision parts it produces - quickly, reliably and competitively.

Technical Data:

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Control:

[CNC](#)

Machine Hours:

41.362 hrs.

Spindle Hours:

13.985 hrs.

Spindle Speed:

18.000 rpm

Tool Holder:

[SK40](#)

Tool Capacity:

48 x

Travels:

X-Axis:

3.000 mm

Y-Axis:

800mm

Z-Axis:

720 mm

Dimensions and Weight:

Height:

3.330 mm

Width:

4.046 mm

Length:

5.250 mm

Weight:

16.300 kg

Buyer Information:

Condition:

[Very good condition](#)

Availability:

[Sold](#)

Sold as:

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

VAT:

[19 %](#)

Buyers Premium:

[18 %](#)

Location:

Germany

Images:



Mazak

VTC-800/30SP



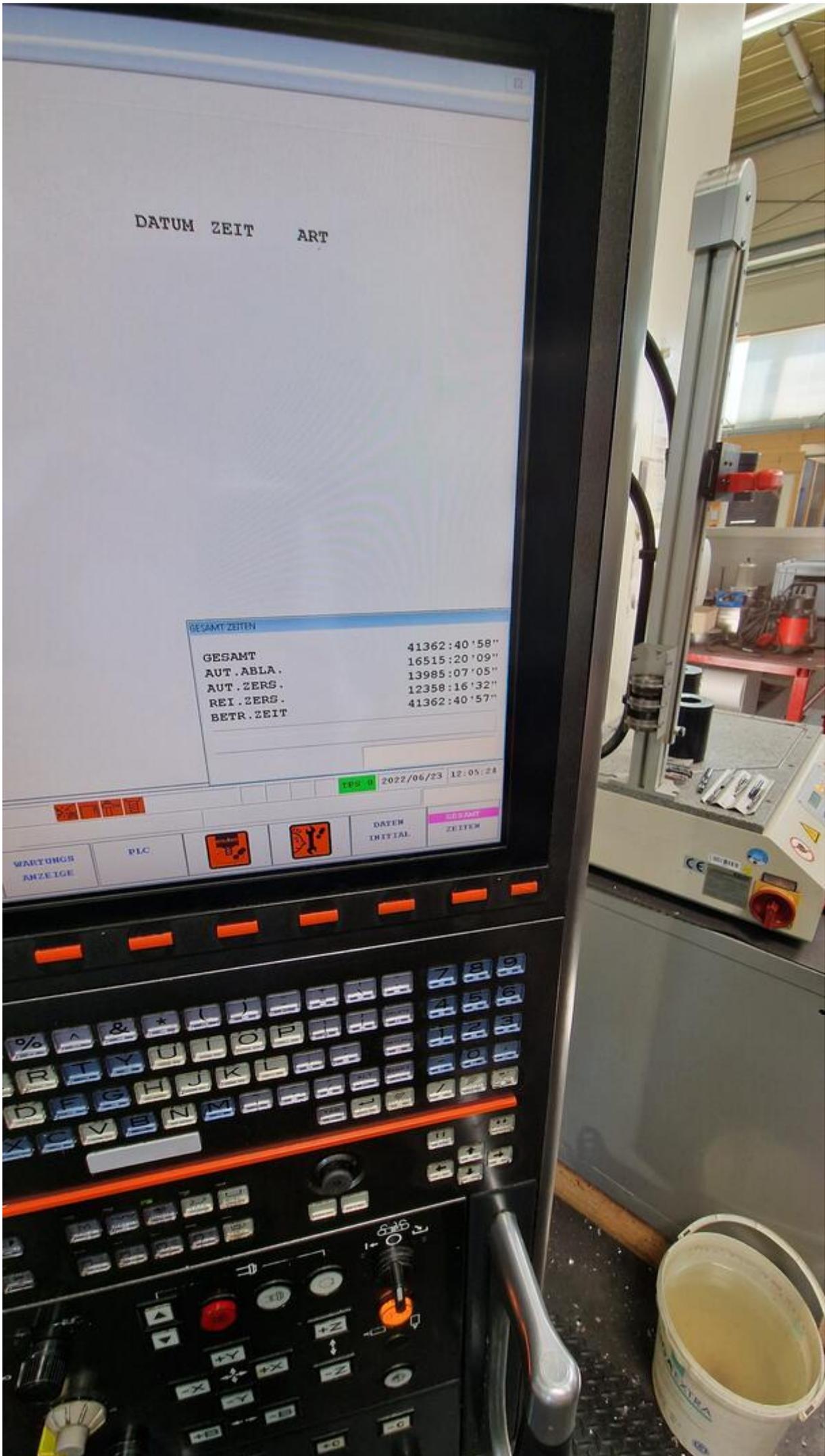
Technical drawings and safety instructions are posted on the side of the machine.

Documents and a blue face mask are hanging on the machine's side panel.









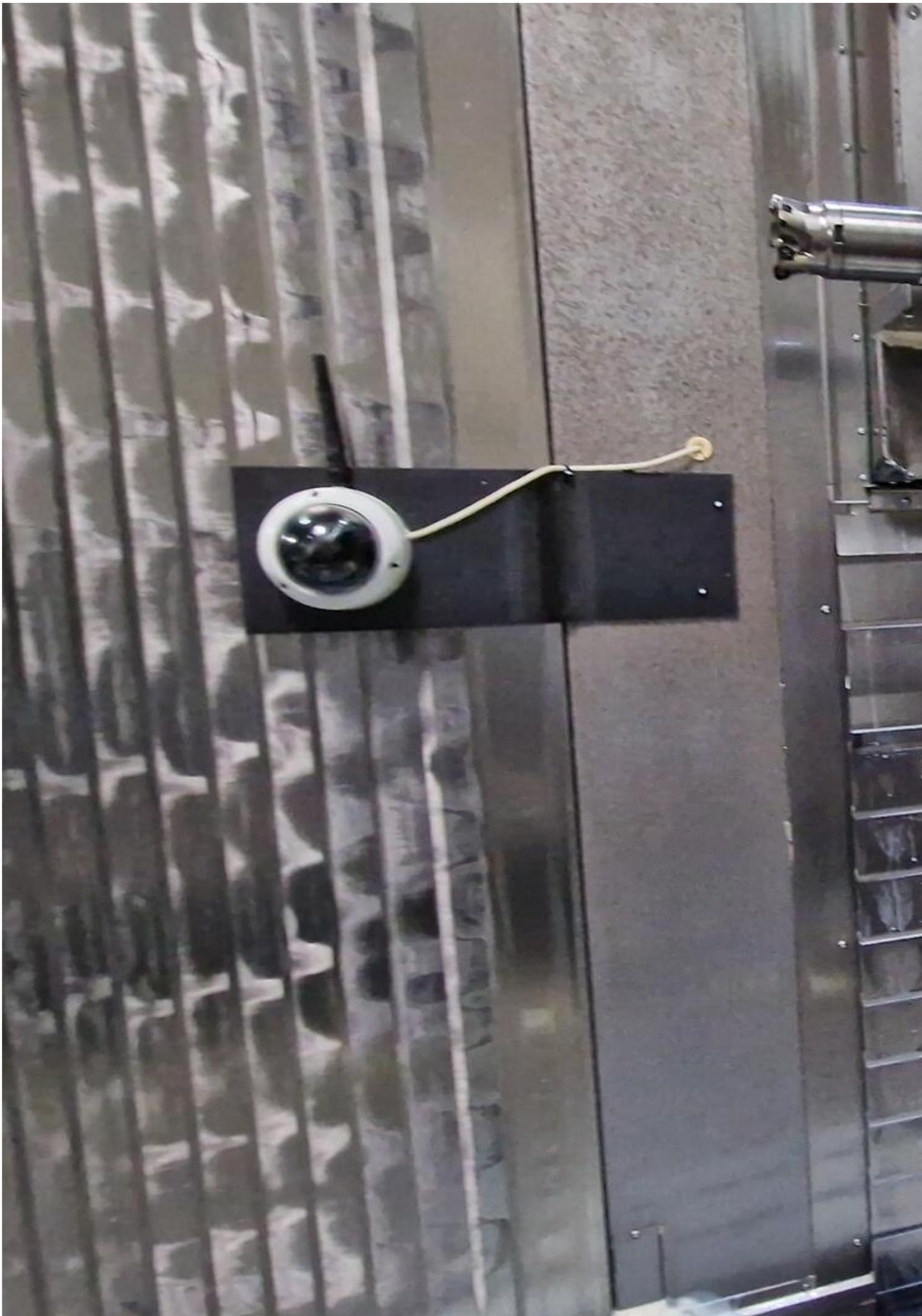
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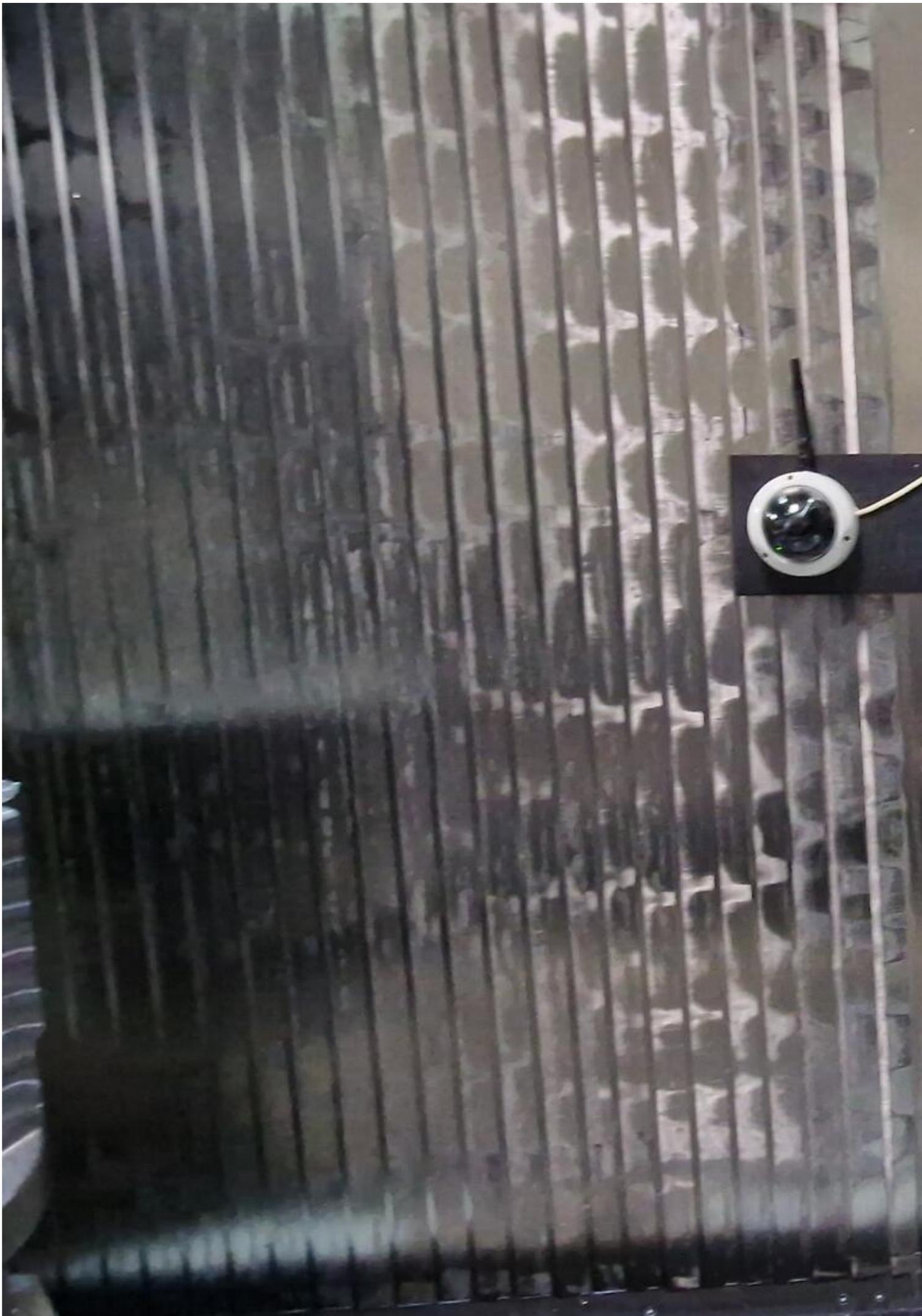
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AUT.ABLA.	16515:20'09''
AUT.ZERS.	13985:07'05''
REI.ZERS.	12358:16'32''
BETR.ZEIT	41362:40'57''

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WARTUNG ANZEIGE PLC DATEN INITIAL GESAMT ZEITEN





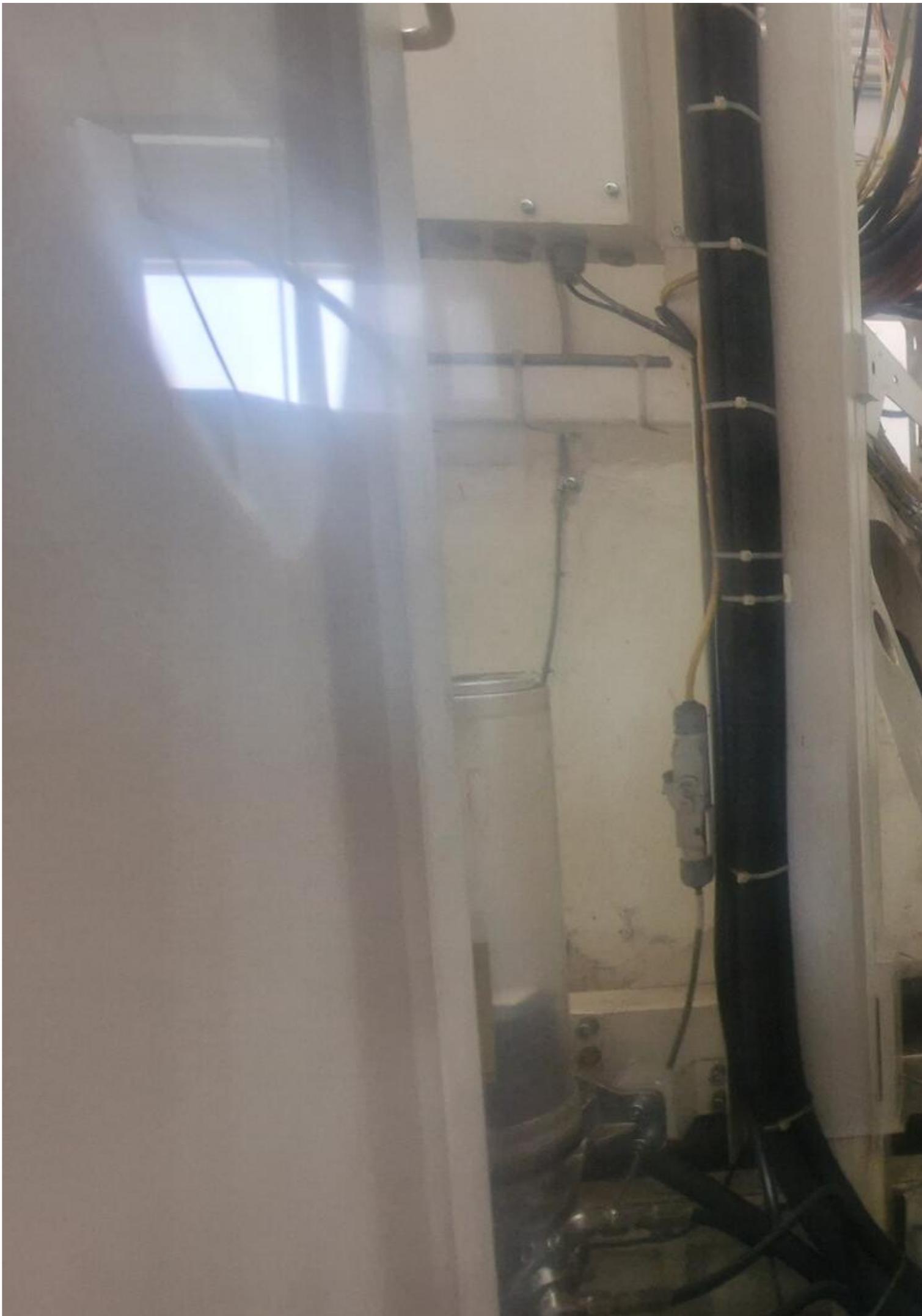














Technical diagram and oil specification table. The diagram shows a mechanical assembly with numbered callouts 4 and 5. The table below lists recommended oil grades for different parts of the machine.

⑤		DTE 24 (MOBIL) TELLUS OIL 32 (SHELL) HYSPIN AWS 32 (CASTROL)
④		DTE 24 (MOBIL) TELLUS OIL 32 (SHELL) HYSPIN AWS 32 (CASTROL)
③		CITRUX EP No.1 (MAZDA)
②		VELOCITE OIL NO. 3 MAGNA 2 (CASTROL)
①		DTE 24 (MOBIL) TELLUS OIL 32 (SHELL) HYSPIN AWS 32 (CASTROL) SHC 629 (MOBIL)









3AC V
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Video:



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Buyer Information:

Condition:
[Very good condition](#)
Availability:
[Sold](#)
Sold as:
[EXW \(Ex Works - Incoterm\)](#)
VAT:
[19 %](#)
Buyers Premium:
[18 %](#)
Location:
Germany

Images:



Mazak

VTC-800/30SP

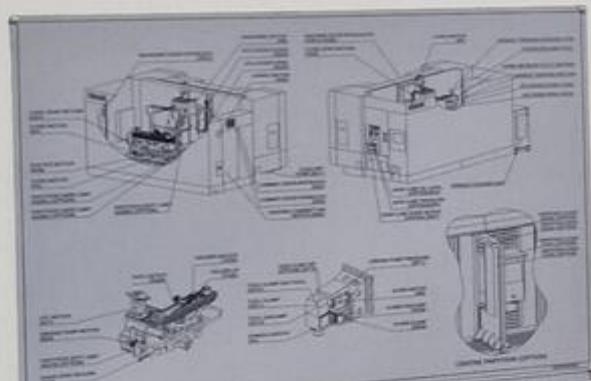


Mazak

VTC-800/30SR

CUTTING TOOLS BY
MOLDINO
Moldino S.p.A.
M&C - Mazak Tool Engineering Europe GmbH

Mazak
Service Hotline
Telefon
0600 / 471 5 471
service@mazak.de



Technical drawing of a component, possibly a tool holder or spindle part, with various dimensions and labels.

Technical drawing of a component, possibly a tool holder or spindle part, with various dimensions and labels.

SICHERHEITSAUWEISUNGEN

1. Vor Arbeiten an der Maschine MAZAK Bedienungsanleitung lesen und alle Vorrichtungen an der Maschine inspizieren. Nacharbeiten der Warnungen und Anleitungen kann schwere Verletzungen zur Folge haben!
2. Diese Maschine ist ein Werkzeuggestalt.
3. Warnen Sie immer die Spitze komplett gesperrt und lassen Sie den Werkstück ohne Verbindung zu der Maschine gehen.
4. Maschine nicht bedienen bevor alle Sicherheitsvorrichtungen, Verschlussvorrichtungen und Werkzeuge sicher sind. Versuchen Sie dies nicht. Warnung und zu hoch Sprengkraftgefahr.
5. Lockern Sie Ringe, Schrauben, Stopfen etc. und arbeiten Sie nicht mit hoch gespannter Stellung an der Maschine. Einem die Länge lassen nach langer Gebrauch.
6. Die Arbeiten an dieser Maschine sind Sicherheitsrisiko. Sicherheitsrisiko und Unwohlsein vermeiden.
7. Inbetriebnahme und Reparaturarbeiten an dieser Maschine müssen von qualifizierten Fachpersonal durchgeführt werden. Nach den Anleitungen im MAZAK Bedienungsanleitung. Nach der Reparatur muss die Maschine von qualifizierten Fachpersonal für Reparaturarbeiten und Sicherheitsarbeiten inspiziert werden.
8. Die Arbeiten an dieser Maschine sind Sicherheitsrisiko. Sicherheitsrisiko und Unwohlsein vermeiden. Vor der Arbeitgeber und Bediener bei jeder Veränderung, dass die Maschine jederzeit wieder arbeitet und die Bedienungsperson sich an dem Sicherheitsrisiko in der Bedienungsmaschine. Nach dem Bedienungspersonal im MAZAK Bedienungsanleitung. Bei allen die Arbeit an dieser Maschine sind Sicherheitsrisiko. Sicherheitsrisiko und Unwohlsein vermeiden.

VORSICHT
An dieser Maschine werden einige Einstellungen gemacht, die nur dem Bediener (Mitarbeiter) vorbehalten sind.
Es gibt einige Funktionen, deren Bedienung von MAZAK-Spezialisten gemacht werden muss. Kundenvertreter sind, auch wenn Kundenvertreter angeordnet sind, nicht berechtigt für den Bedienungspersonal zu arbeiten.

WARNUNG
An dieser Maschine sind einige Funktionen...

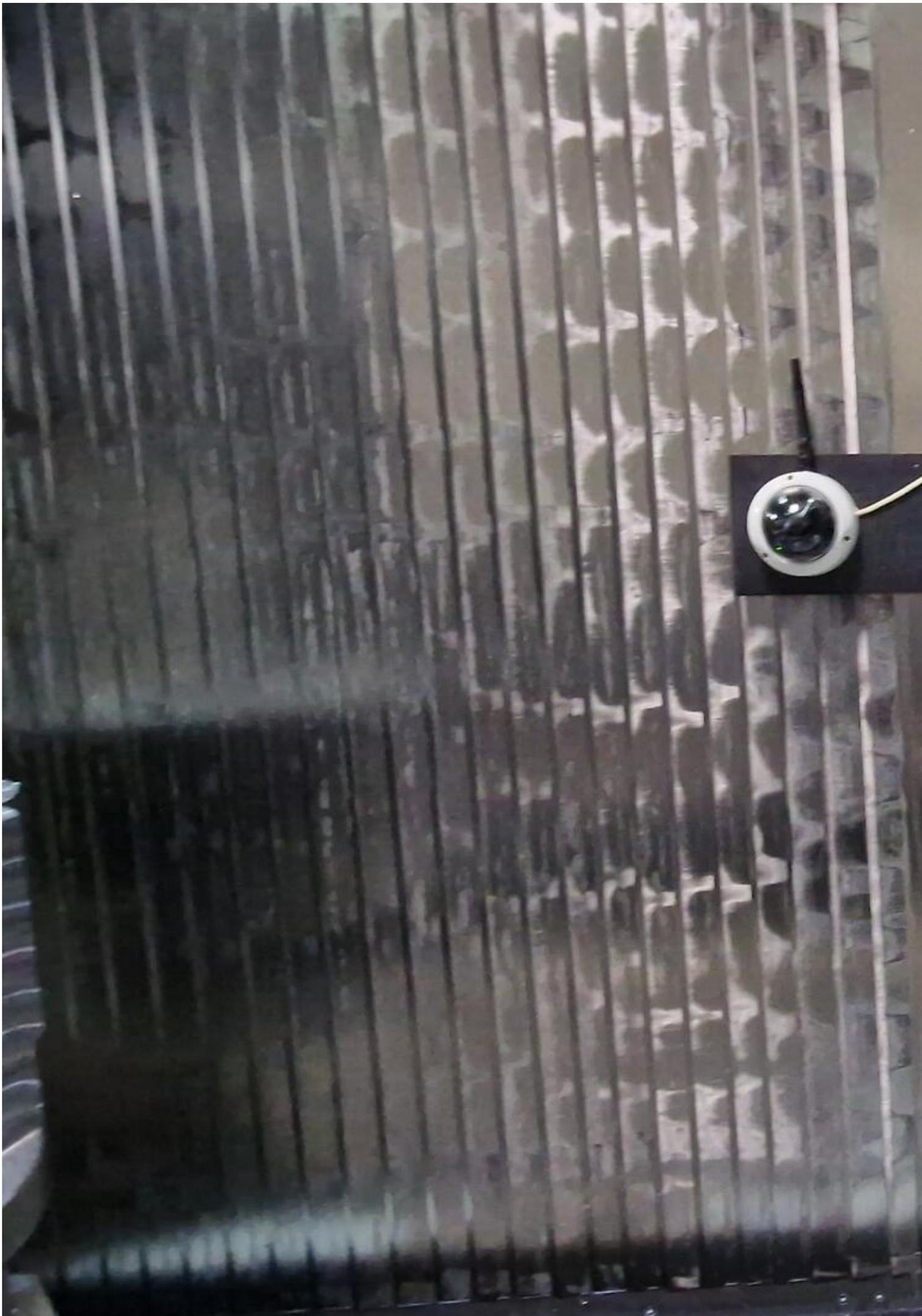
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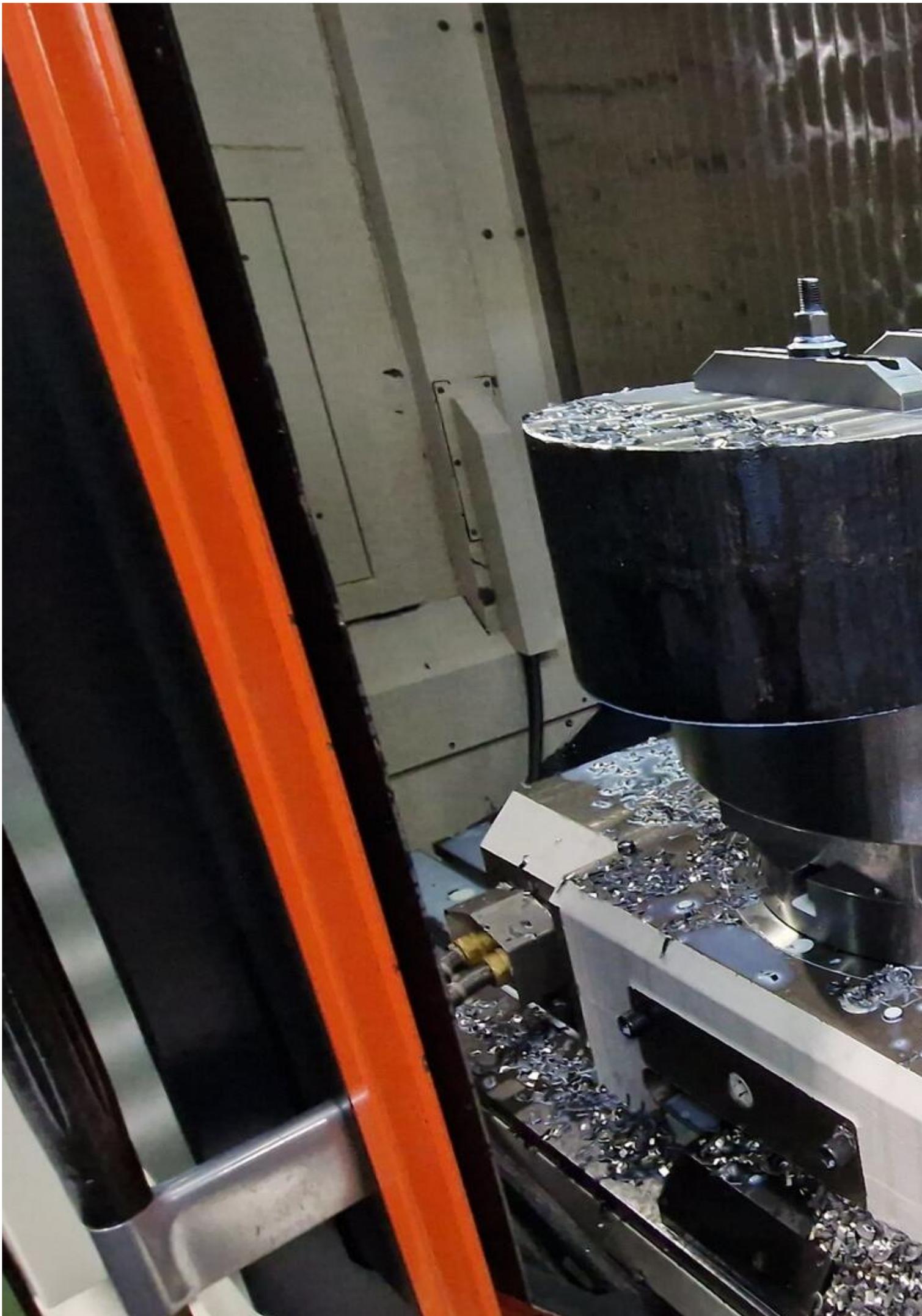








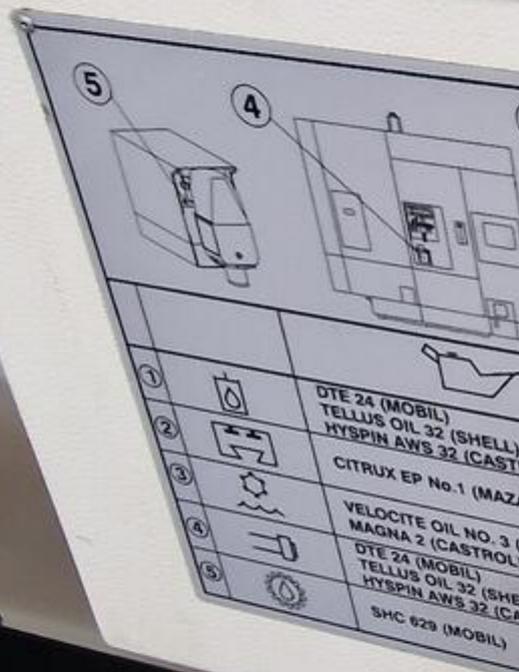












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