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Ref. No.:

1435-08301156

## Overview and Technical Data:

# CHIRON FZ 12 W Magnum high Speed VMC dual pallet

CHIRON

**chiron**



Year of Build:

Jan 2000

## Description:

# Used Chiron FZ 12W Magnum high Speed - Vertical machining center

The used **CHIRON FZ 12 W MAGNUM** is a high-speed machining center with a pendulum table, ideal for precise and fast machining processes. Equipped with a Fanuc 21i-M CNC control, this vertical machining center offers travel paths of 550 mm in the X-axis, 300 mm in the Y-axis and 425 mm in the Z-axis. With a rapid traverse speed of 30,000 mm/min and a spindle speed of up to 10,500 rpm, it delivers outstanding machining speeds and efficiency. CNC machining is optimized by a 12-position tool changer device.

CNC control Fanuc 21i-M

Technical data:

- Travels:
  - X-way: 550 mm
  - Y-way: 300 mm
  - Z-way: 425 mm
- table size: (2x) 660 x 400 mm
- max. table load: 500 kg
- rapid traverse speed: 30000 mm/min
- tool changing device: 12 pos.
- tool change time chip-to-chip: 2,9 s
- spindle mounting: ISO 40
- spindle speeds: 20 - 10500 rpm
- spindle drive motor 5,5 kW
- Total power requirement: 15 kVA
- Weight: approx. 3590 kg

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Do you want to produce quality and precision in cycles, at favorable unit costs? The machining centers of the 12 series combine these requirements and are among the best in their class in terms of speed, compact design and versatility of use. All models can be perfectly tailored to your requirements with high-tech modules - spindles and spindle systems, tool changing systems, table variants and additional automation.

## Technical Data:

### Technical Data:

Control:

[Series 21i](#)

Spindle Speed:

10.500 rpm

Tool Holder:

[SK40](#)

Tool Capacity:

12 x

## **Travels:**

X-Axis:

550 mm

Y-Axis:

300mm

Z-Axis:

425 mm

## **Dimensions and Weight:**

Height:

2.920 mm

Width:

1.500 mm

Length:

2.850 mm

Weight:

3.950 kg

## **Buyer Information:**

Condition:

[Very good condition](#)

Availability:

[Immediately](#)

Sold as:

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

VAT:

[19 %](#)

Buyers Premium:

[18 %](#)

Location:

Germany

## **Images:**





10



01/03/0692  
Bo 965 chd  
Vx 7-geh 011  
H.M. Tisch 011 (ST, 10min)  
Bo 965 chd

Daten-Einrichtungsblatt

Pos.	Stück	Bezeichnung
1	1	1. WERKSTÜCK
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3	1	3. WERKSTÜCK
4	1	4. WERKSTÜCK
5	1	5. WERKSTÜCK
6	1	6. WERKSTÜCK
7	1	7. WERKSTÜCK
8	1	8. WERKSTÜCK
9	1	9. WERKSTÜCK
10	1	10. WERKSTÜCK

Werkzeug Nr. 11

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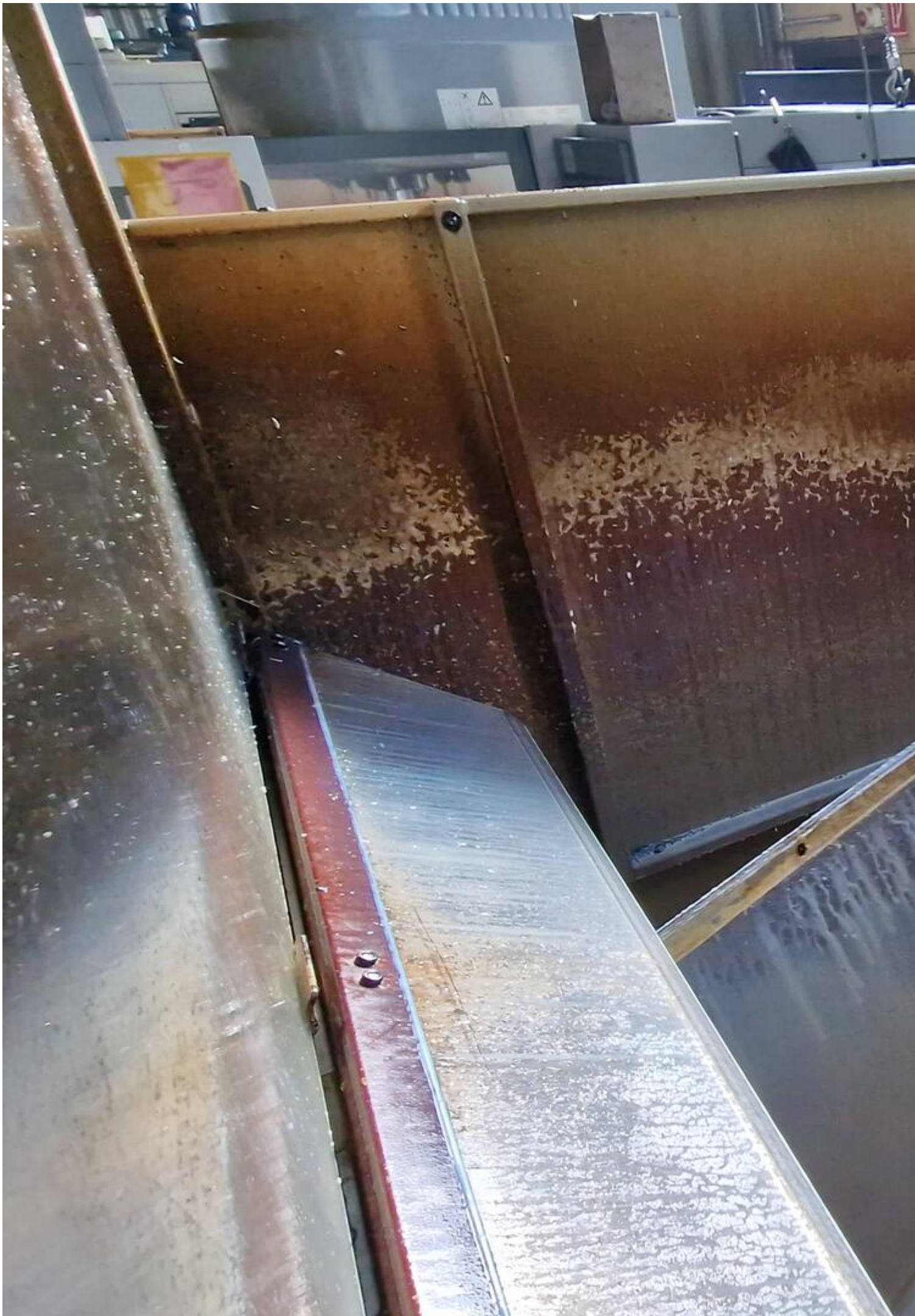
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Technical drawing showing a detailed view of a mechanical part with dimensions and annotations.



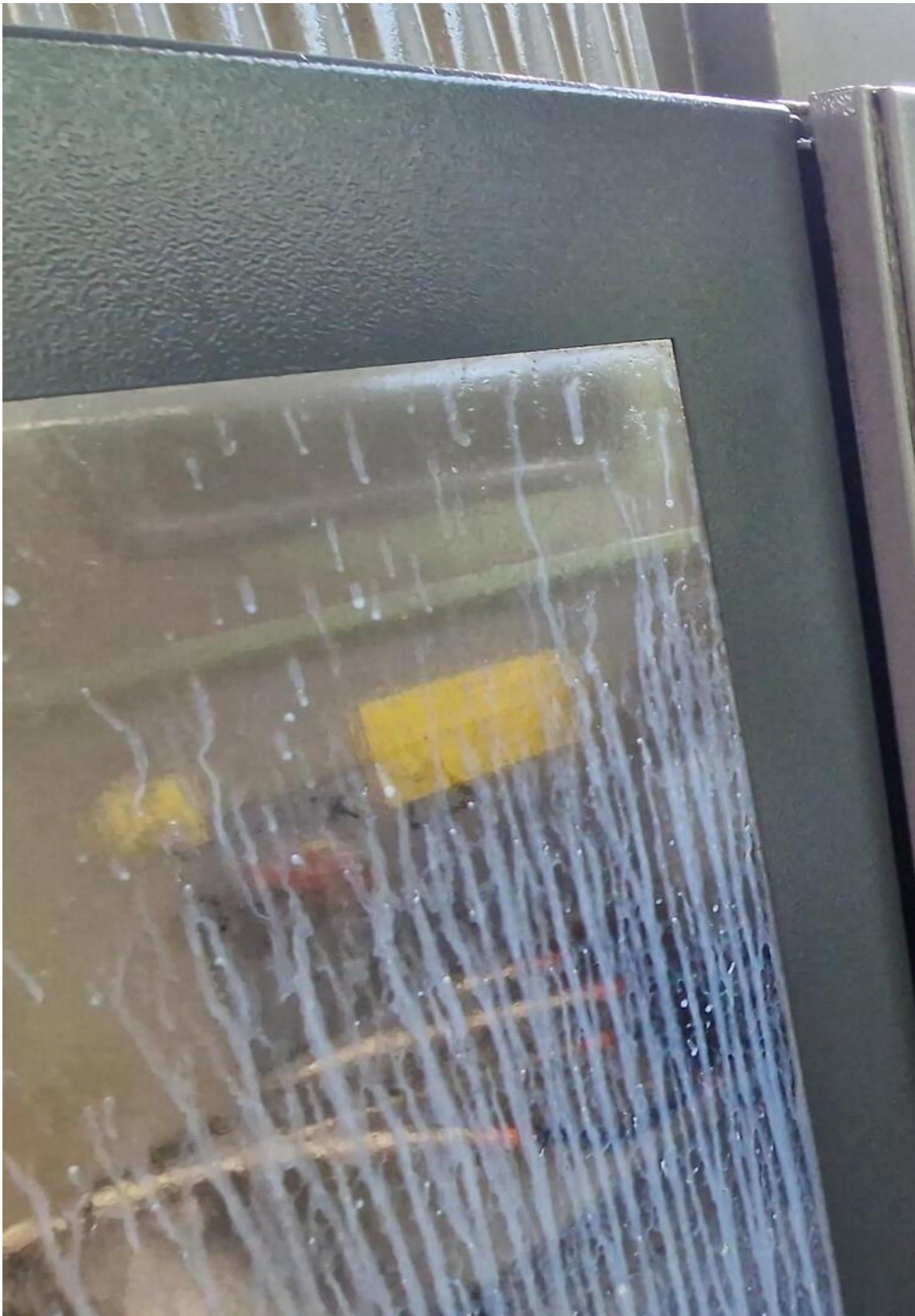




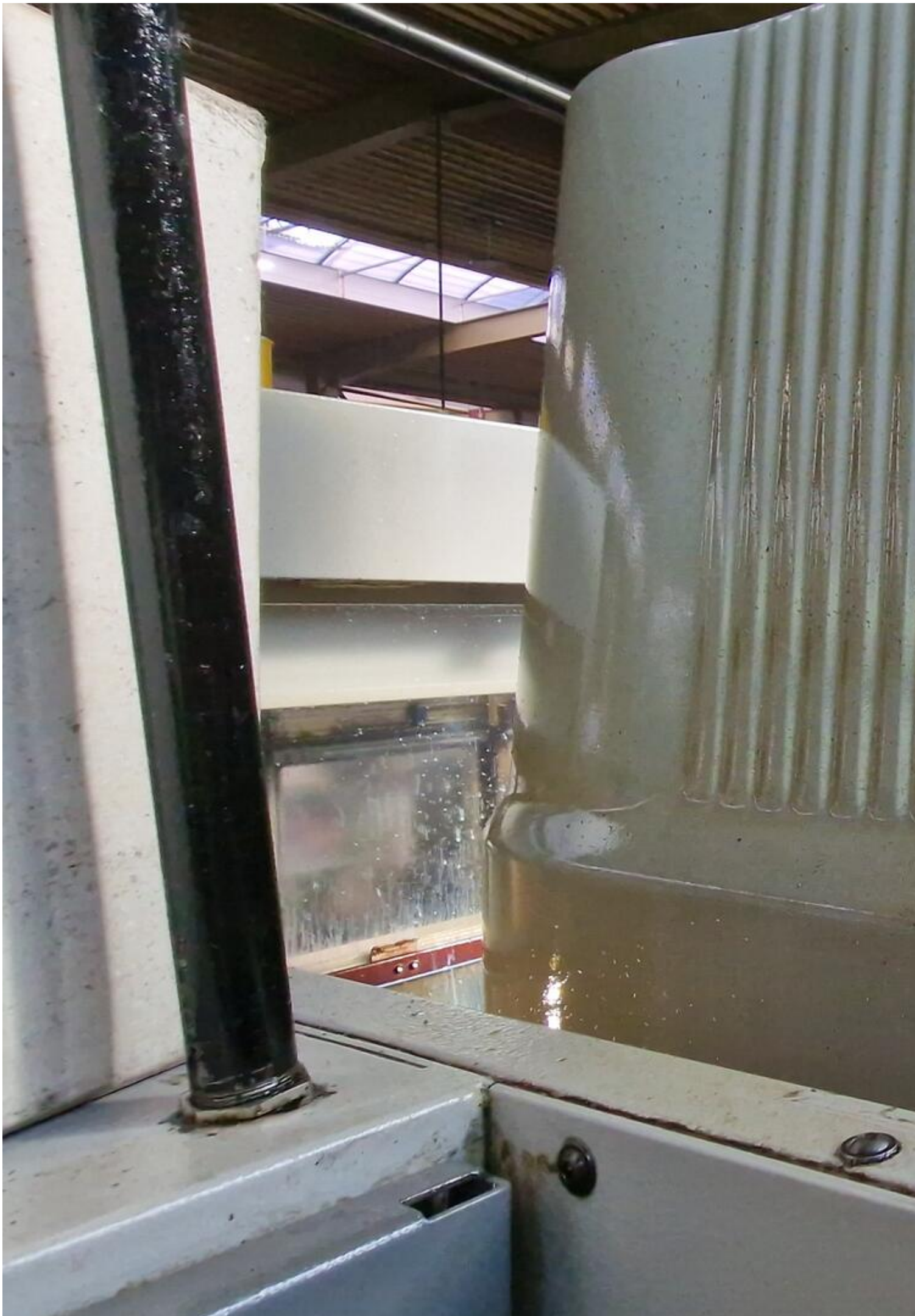














Die Maschine darf nur von ausgebildeten  
und autorisierten Personen bedient werden.  
Alle Person, die an der Aufstellung, Bedienung, Wartung, Reparatur  
und Inspektion des Fertigungsapparates betraut ist, muß die Bedienungs-  
anleitung und Sicherheitsvorschriften gelesen und verstanden haben.

The machine may only be operated by trained  
and authorized personnel.  
The personnel involved in install, operate, maintain, repair and  
inspect the machine must have read and understood the  
operating instructions and safety regulations.

Seules des personnes autorisées et formées  
peuvent utiliser la machine.  
Tous les services impliqués de installation, entretien, entretien,  
réparation et inspection du centre d'usinage doit avoir lu et compris  
le instructions de service et les prescriptions de sécurité.

La macchina deve essere manovrata e controllata  
unicamente da personale opportunamente addestrato  
ed autorizzato.  
Solo personale autorizzato dell'installazione del L'azionamento della  
macchinetta potrà eseguire l'installazione e l'assistenza del centro di  
e le norme di sicurezza.

La máquina solamente puede ser manevrada por  
personal autorizado especialmente instruido y autorizado.  
Solo personal que se instruyó por el centro de servicio del  
aparejamiento de la instalación y que se instruyó del centro de  
servicio podrá hacer el trabajo y mantener la instalación para el  
seguro y las instrucciones de seguridad.





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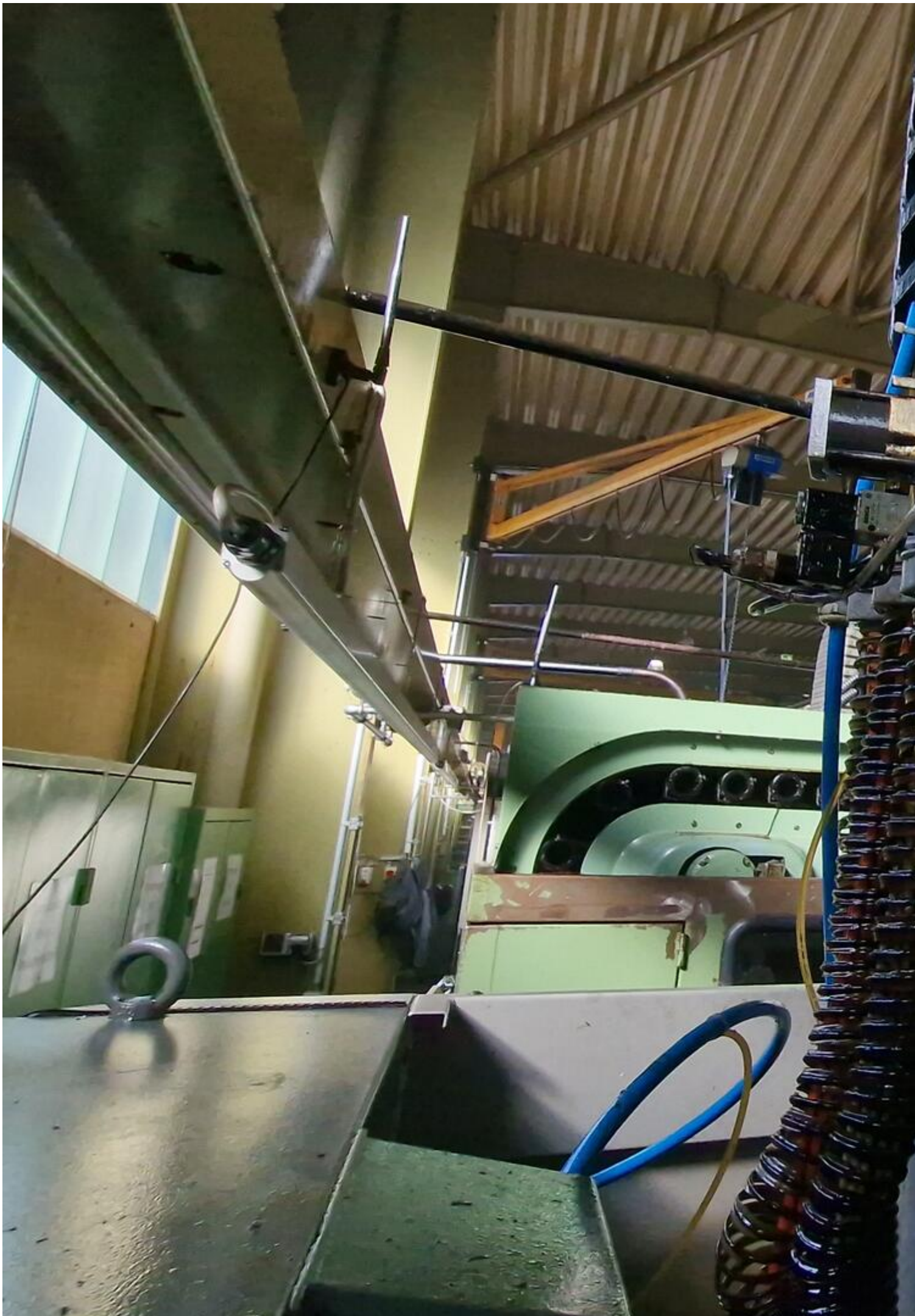
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B05470500012

Baujahr  
Year of const.  
Année de const.

2000

Serien-Nr.  
Serial No.  
No. de Série

93801

Knoll Maschinenbau GmbH  
Schwarzachstr. 20  
D-88348 Saulgau

Telefon : 07581 / 2008-0  
Telefax : 07581 / 2008-140  
E-mail : info@knoll-mb.de

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Ref. No.:  
1435-08301156

### **Overview and Technical Data:**

## **CHIRON FZ 12 W Magnum high Speed VMC dual pallet**

**CHIRON**



Year of Build:  
Jan 2000

**Description:**

**Used Chiron FZ 12W Magnum high Speed - Vertical machining center**

The used CHIRON FZ 12 W MAGNUM is a high-speed machining center with a pendulum table, ideal for precise and fast machining processes. Equipped with a Fanuc 21i-M CNC control, this vertical machining center offers travel paths of 550 mm in the X-axis, 300 mm in the Y-axis and 425 mm in the Z-axis. With a rapid traverse speed of 30,000 mm/min and a spindle speed of up to 10,500 rpm, it delivers outstanding machining speeds and efficiency. CNC machining is optimized by a 12-position tool changer device.

CNC control Fanuc 21i-M

## Technical data:

- Travels:
    - X-way: 550 mm
    - Y-way: 300 mm
    - Z-way: 425 mm
  - table size: (2x) 660 x 400 mm
  - max. table load: 500 kg
  - rapid traverse speed: 30000 mm/min
  - tool changing device: 12 pos.
  - tool change time chip-to-chip: 2,9 s
  - spindle mounting: ISO 40
  - spindle speeds: 20 - 10500 rpm
  - spindle drive motor 5,5 kW
  - Total power requirement: 15 kVA
  - Weight: approx. 3590 kg
- 

Do you want to produce quality and precision in cycles, at favorable unit costs? The machining centers of the 12 series combine these requirements and are among the best in their class in terms of speed, compact design and versatility of use. All models can be perfectly tailored to your requirements with high-tech modules - spindles and spindle systems, tool changing systems, table variants and additional automation.

## Technical Data:

### Technical Data:

Control:

[Series 21i](#)

Spindle Speed:

10.500 rpm

Tool Holder:

[SK40](#)

Tool Capacity:

12 x

### Travels:

X-Axis:

550 mm

Y-Axis:

300mm

Z-Axis:

425 mm

### Dimensions and Weight:

Height:

2.920 mm

Width:

1.500 mm

Length:

2.850 mm

Weight:

3.950 kg

### **Buyer Information:**

Condition:

[Very good condition](#)

Availability:

[Immediately](#)

Sold as:

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

VAT:

[19 %](#)

Buyers Premium:

[18 %](#)

Location:

Germany

### **Images:**





10



01/03/0692  
Bo 965 chd  
Vx 7-geh 011  
H.M. Tisch 011 (ST, 10min)  
Bo 965 chd

Daten-Einrichtungsblatt

Pos.	Ident-Nummer	Produkt
1	1074	1. 2-geh. FACHSCHR.
2	1074	1. 1-geh. FACHSCHR. (2-geh.)
3	1074	1. 1-geh. FACHSCHR. (1-geh.)
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Technical drawing or schematic diagram showing various components and their connections.



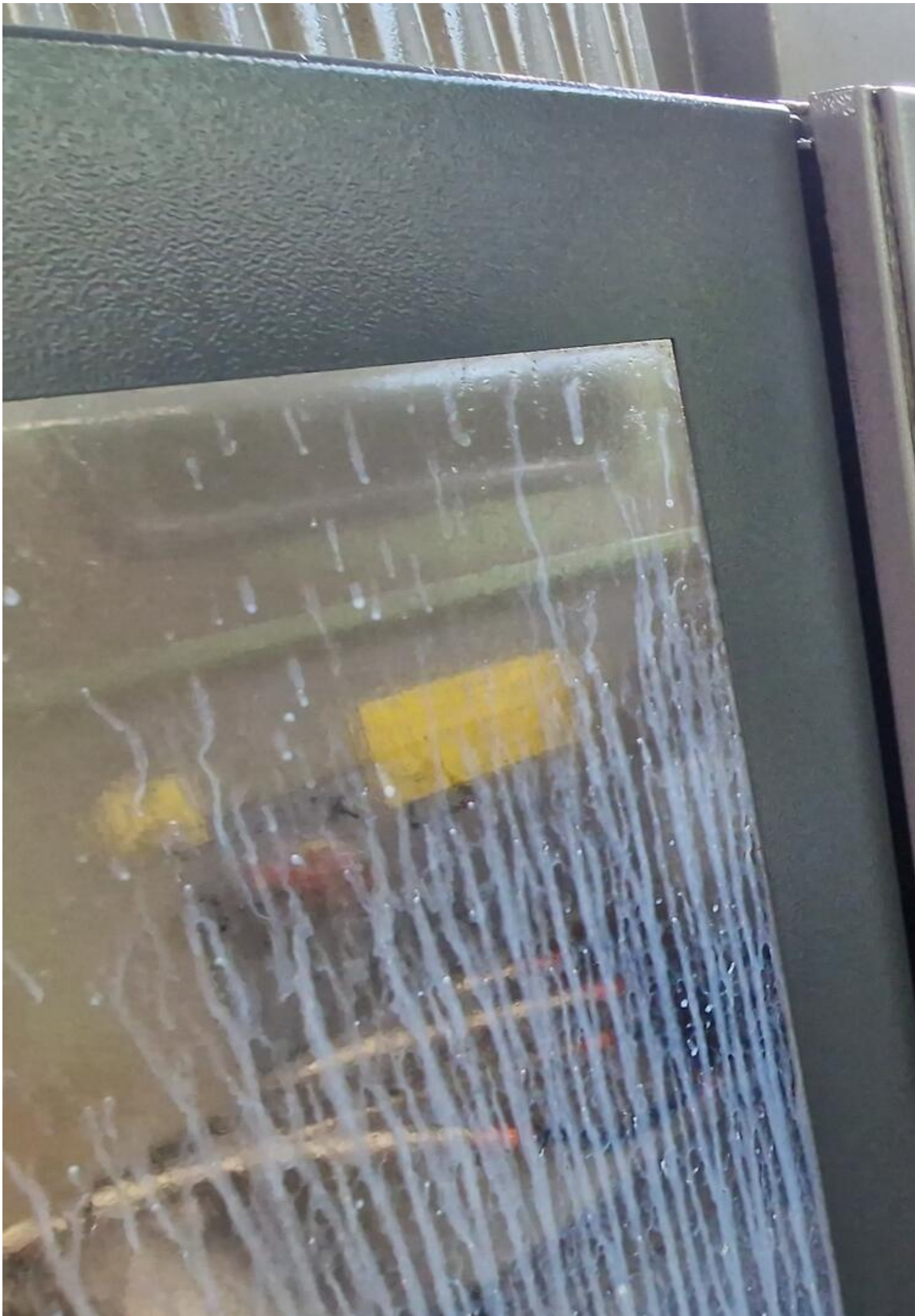




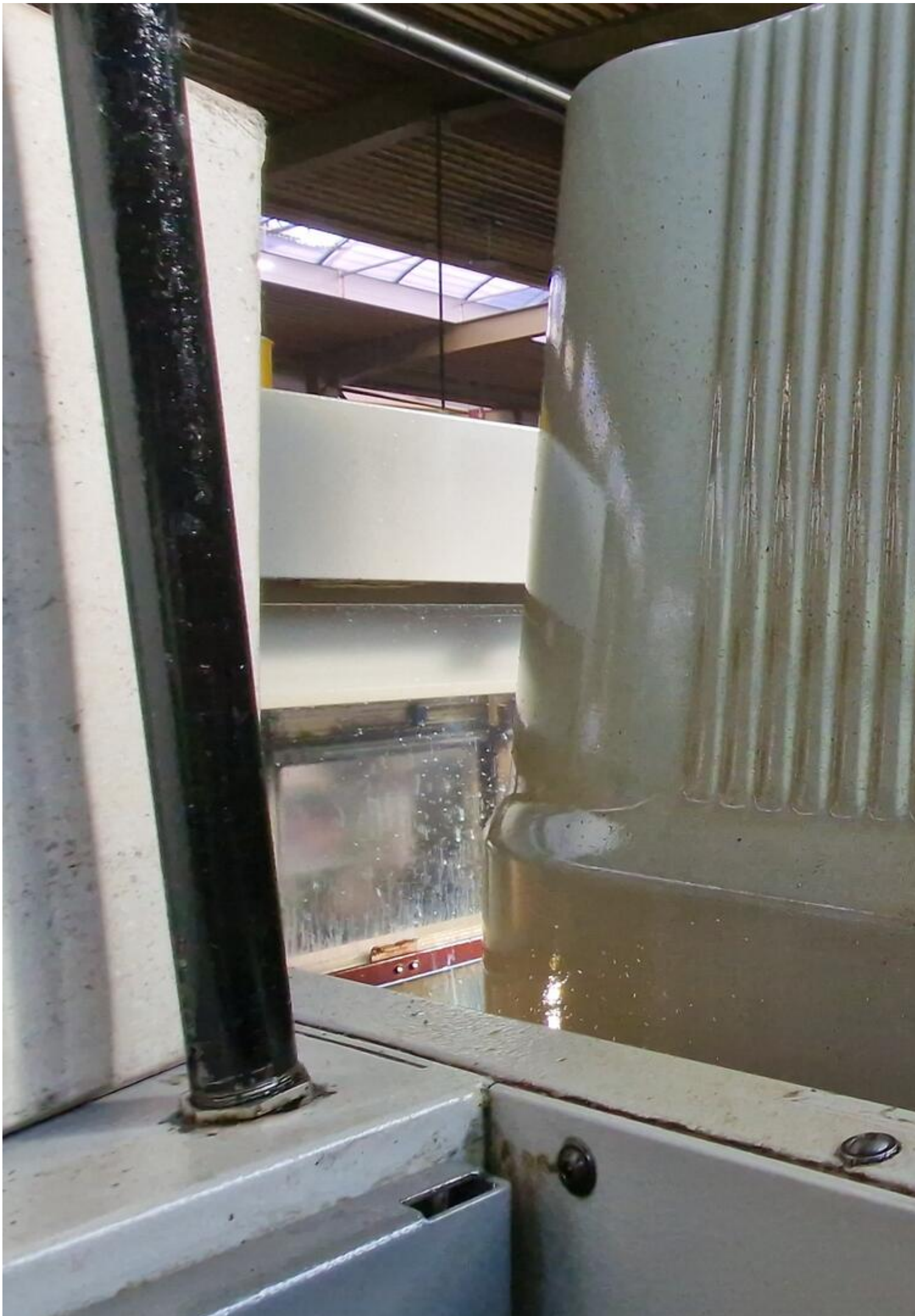














Die Maschine darf nur von ausgebildeten  
und autorisierten Personen bedient werden.  
Alle Person, die an der Aufstellung, Bedienung, Wartung, Reparatur  
und Inspektion des Fertigungsprozesses beteiligt ist, muß die Bedienungs-  
anleitung und Sicherheitsvorschriften gelesen und verstanden haben.

The machine may only be operated by trained  
and authorized personnel.  
The personnel involved in install, operate, maintain, repair and  
inspect the machine must have read and understood the  
operating instructions and safety regulations.

Seules des personnes autorisées et formées  
peuvent utiliser la machine.  
Tous les services impliqués de installation, entretien, entretien,  
réparation et inspection du centre d'usinage doit avoir lu et compris  
le instructions de service et les prescriptions de sécurité.

La macchina deve essere manovrata e controllata  
unicamente da personale opportunamente addestrato  
ed autorizzato.  
Solo personale autorizzato dell'installazione del lavorazione della  
macchinario potrà operare e dell'ispezione del centro di  
lavorazione deve leggere attentamente e capire le istruzioni per l'uso  
e le norme di sicurezza.

La máquina solamente puede ser manevrada por  
personal autorizado, instruido y autorizado.  
Solo personal que se ajuste con el equipo de servicio del  
maquinario de la instalación y que se instruya del centro de  
operación podrá operar, inspeccionar y mantener la instalación para el  
servicio y las instrucciones de seguridad.





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# KNOLL

Typ  
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340 K-1/300

Auftr.-Nr.  
Order No.  
No. de commande

200003545

Ref.-Nr.  
Ref. No.  
No. Ref.

B05470500012

Baujahr  
Year of const.  
Année de const.

2000

Serien-Nr.  
Serial No.  
No. de Série

93801

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E-mail : info@knoll-mb.de

Füllmenge  
Filling capacity  
Capacité de remplissage  
- 300 l.

**Video:**



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