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Ref. No.:  
1137-09071304

## Overview and Technical Data:

### DMT (Kern) - CD 320 RN CD 320

### DMT (Kern)



Year of Build:  
Jan 1996

### Description:

## Used DMT KERN CD 320 RN cycle lathe

Control GRUNDIG Manual Plus

Technical specifications :

Workspace

- Center height: 160 mm
- Distance between centers: 750 mm
- Max. Turning length: 675 mm
- Max. Swing Ø over bed: 320 mm
- Max. Swing Ø over cross slide: 150 mm
- Max. Swing Ø in the. Offset: 380 mm
- Length of the crank in front of the spindle: 220 mm
- Max. Workpiece weight: 150 kg

Work spindle.

- Spindle head according to DIN 55027
- Size and inner cone 5 / MK6
- Spindle Ø in the front bearing: 90 mm
- Spindle bore: 50 mm
- Max. Chuck Ø: 200 mm
- Max. Torque: 950 Nm

- Speed ??range (V-constant): 1 - 4,000 rpm

#### Main drives

- Drive power - AC motor - 44/60/100%: ED11 / 9/8 kW
- Gear stages (switched manually): 3

#### Cross slide

- Tool system: Multifix
- Chisel cross section: 25 x 25
- Number of bed sledges: 1
- Number of cross slides: 1
- Longitudinal stroke: 750 mm
- Planned stroke: 200 mm
- Flat feed range: 1 - 1,000 mm / rev
- Feed range lengthways and thread: 1 - 2,000 mm / rev
- Plan feed force: 4,000 N
- Feed force along 7,000 N
- Rapid traverse plan: 5 m / min
- Rapid traverse along 10 m / min

#### Machine weight / dimensions / elec. connection

- Weight (including control cabinet), about 1.8 t
- Dimensions - machine (L x W x H), approx. 2.1 x 1.35 x 1.8 m
- Dimensions - control cabinet (L x W x H), approx. 1.2 x 0.5 x 1.7 m
- Elec. Connection - power requirement 17 kW

#### **Technical Data:**

#### **Technical Data:**

Control:

[GRUNDIG](#)

Turning length:

675.00 mm

Turning diameter:

320.00 mm

Spindle Speed:

4000.00 rpm

Tailstock:

No

Bezel:

No

#### **Dimensions and Weight:**

Height:

1800 mm

Length:

2100 mm

Width:  
1350 mm  
Weight:  
1800 kg

### **Buyer Information:**

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

### **Images:**













MANUAL PLUS

MASTURN





**KERN**

**CD 320**

made by DMT-Drehtechnik



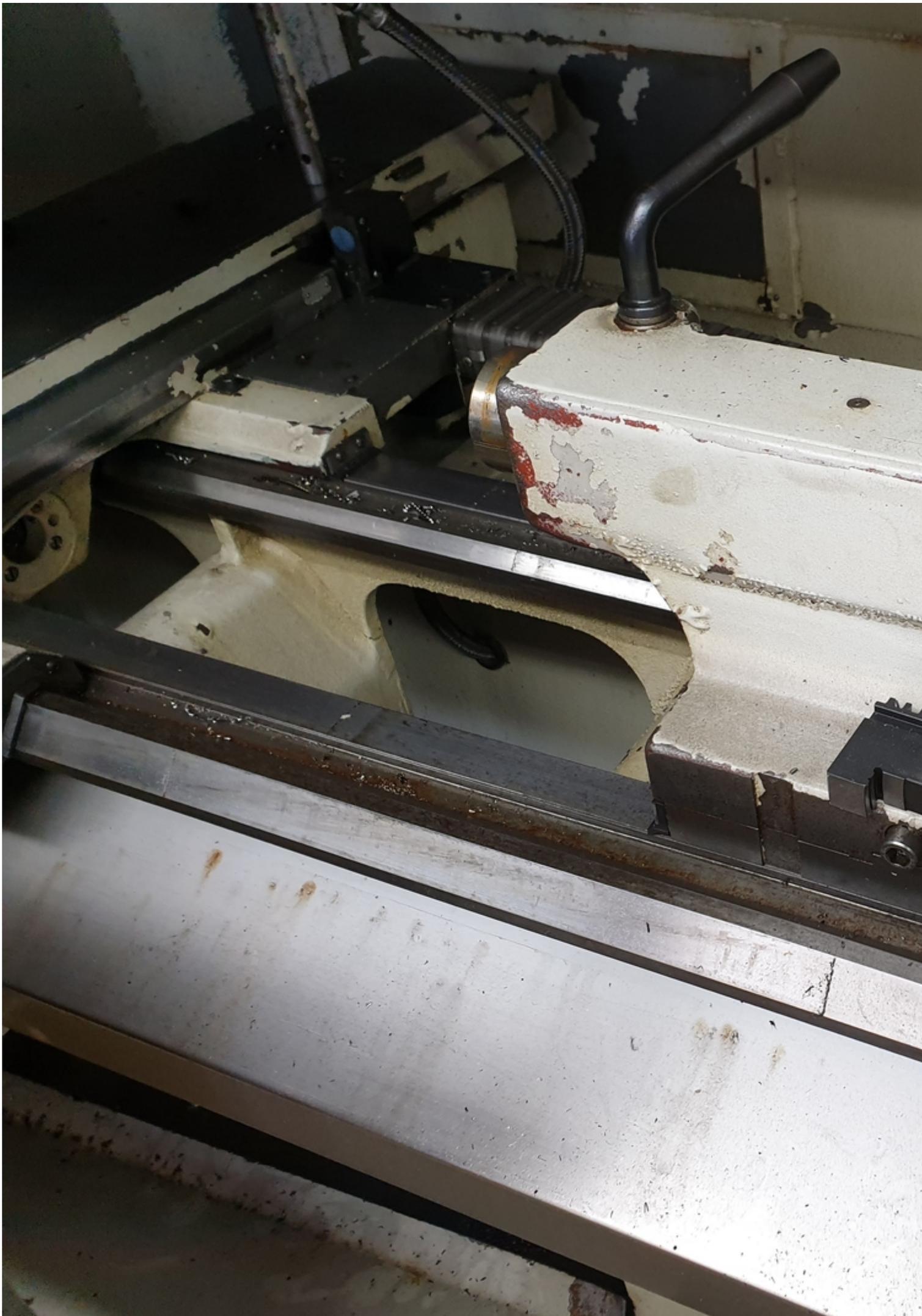


















DMT-Dreh

D-7953

Masch. Typ

CD 32

Masch. Nr.

2215.

3~ + N + Pe

V

Nennstrom

Steuerspannung

Schaltplan Nr.

**DMT** | **DREHTECHNIK**

3 - 4

**TECHNISCHE DATEN CD320**

| Maschinen-Typ                                                                                                                                                                                                                                                      | CD320                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <b>Arbeitsbereich</b><br>- Umlauf-/Dreh $\phi$ über Bett mm<br>- Umlauf-/Dreh $\phi$ über in der Ausparung mm<br>- Umlauf-/Dreh $\phi$ über Planschlitten mm<br>- Schlittenweg plan mm<br>- Spitzenweite mm<br>- Drehlänge vor Planspiral-Futter $\phi$ 160/200 mm | 320<br>380<br>150<br>200<br>750<br>675/660                               |
| <b>Hauptantriebe</b><br>- Antriebsleistung - AC-Motor - 44/60/100 $\phi$ ED kW<br>- Getriebestufen (manuell geschaltet) Anzahl                                                                                                                                     | 11/9/8<br>3                                                              |
| <b>Spindelkasten</b><br>- Spindelkopf DIN 55027 Größe<br>- Spindel- $\phi$ im vorderen Lager mm<br>- Spindel-Bohrung mm<br>- Spindel-Kegel MK<br>- Drehzahlbereich (V-konstant) U/min<br>- Standard-Futtergrößen mm                                                | 5<br>90<br>50<br>6<br>1-4000<br>160-200                                  |
| <b>Kreuzschlitten</b><br>- Vorschubbereich plan mm/U<br>- optional bis mm/U<br>- Vorschubbereich längs u. Gewinde mm/U<br>- optional bis mm/U<br>- Vorschubkraft plan N<br>längs N<br>Eilgang plan / längs m/min<br>Drehmeißelquerschnitt mm                       | 1u-1000<br>5000<br>1u-2000<br>13000<br>4000<br>7000<br>5 / 10<br>25 x 25 |
| <b>Reitstock</b><br>- Pinolendurchmesser mm<br>- Pinolenweg mm<br>- Pinolen-Innenkegel MK                                                                                                                                                                          | 60<br>120<br>4                                                           |
| <b>Maschinengewicht/Abmessung/El-Anschluß (Standard)</b><br>- Gewicht: inkl. Schaltschrank t<br>- Abmess.: Maschine - Länge x Breite x Höhe m<br>Schaltschrank - Länge x Breite x Höhe m<br>- El.Ans.: Leistungsbedarf ca. kW                                      | 1,8<br>2,1x1,35x1,8<br>1,2x0,5x1,7<br>17                                 |



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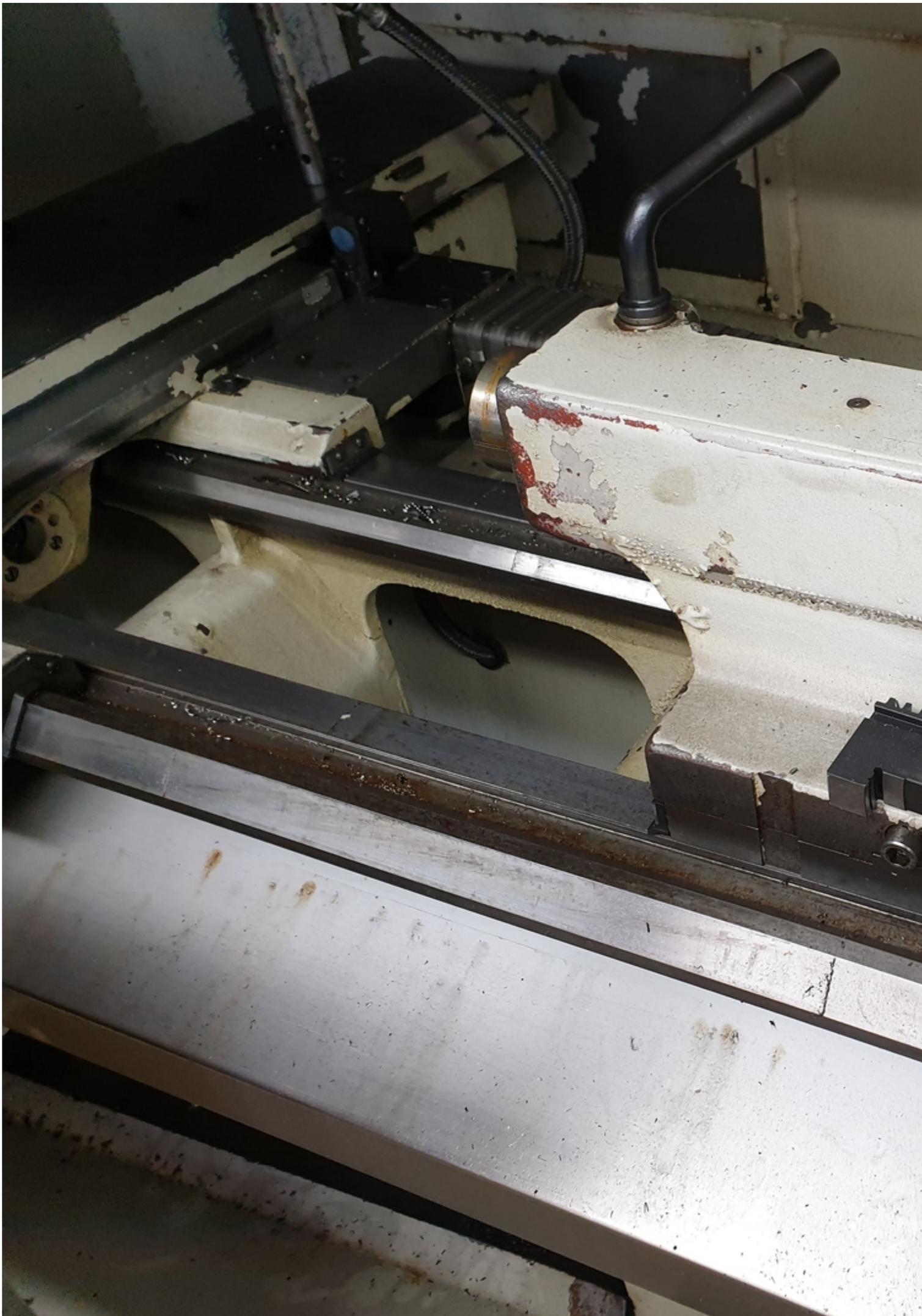


















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