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Ref. No.:

950-12120934

## **Overview and Technical Data:**

### **WILLEMIN MACODEL - MT518 Turn/Mill Center**

### **WILLEMIN MACODEL**



## **WILLEMIN-MACODEL**

Year of Build:

Jan 2011

## **Description:**

**Used Willemin Macodel MT 518 Turning Milling Center**

CNC Control: Fanuc 31i A5

Bar loader: LNS Quick Load Servo III

#### Technical specifications

- B- axis
  - Swivel range standard  $-10^{\circ}$  to  $+100^{\circ}$
  - Swivel range extended  $-25^{\circ}$  to  $+100^{\circ}$
  - Nominal torque 500 Nm
  - Holding torque (hydraulic) 800 Nm
  - Maximum speed 32 min<sup>-1</sup>
  - Drive torque motor
- X-axis travel 630mm
- Y-axis travel 320mm
- Z-axis travel 500mm
- U-axis travel 400mm
- A axis
  - Traverse  $360^{\circ}$
  - Torque 250 Nm
  - Speed of milling operation 150 min<sup>-1</sup>
  - Speed of rotation 3000 min<sup>-1</sup>
  - Power Turning Operation Power Turning Operation
- X / Y / Z / U / A axes
  - Resolution 0.0001
  - Rapid traverse 40m / min
- tool spindle
  - power 16KW
  - torque 41Nm
  - Speed 50 - 20000 min<sup>-1</sup>
  - Tool magazine: HSK A-63
  - Tool places 180x
- Dimension:
  - Length x width x height: 2180 x 2533 x 2410mm
  - Weight: 4600kg

- Usable bar length: 1600mm  $\pm$  50mm
- Max. Bar  $\varnothing$  122mm
- Length x width x height 2050 x 1900 x 1545 mm
- Suction: Donaldson, Dryflo "DMCMMB / WSO / HEPA
- Extinguishing system: power and pawn
- Belt filter system High pressure system ARO TechnologiesAG Type: 030741

#### Accessories and options:

- Preparation suction, connection was defined by Stryker: 203x203 mm
- Automatic fire extinguishing system from Kraft & Bauer
- Swivel range B-axis extended to  $-35^{\circ}$
- Hainbuch Chucks Main spindle Spanntop Compi RGr. 65
- High pressure internal cooling 80 bar
- Paper belt filter - see belt filter system
- Memory extension optionally retrofittable
- Hydraulic vise with pressure regulator, travel 2x14mm
- Reduction tubes Bar loaders  $\varnothing$  36, 41 and 55
- Tapping and unloading unit for the finished parts
- Contact probe for breakage monitoring Renishaw TS 27R

#### Technical Data:

#### Technical Data:

Control:

[Series 31i](#)

Spindle Speed:

3000.00 rpm

Tool Capacity:

180 x  
Tailstock:  
Yes  
Bezel:  
No

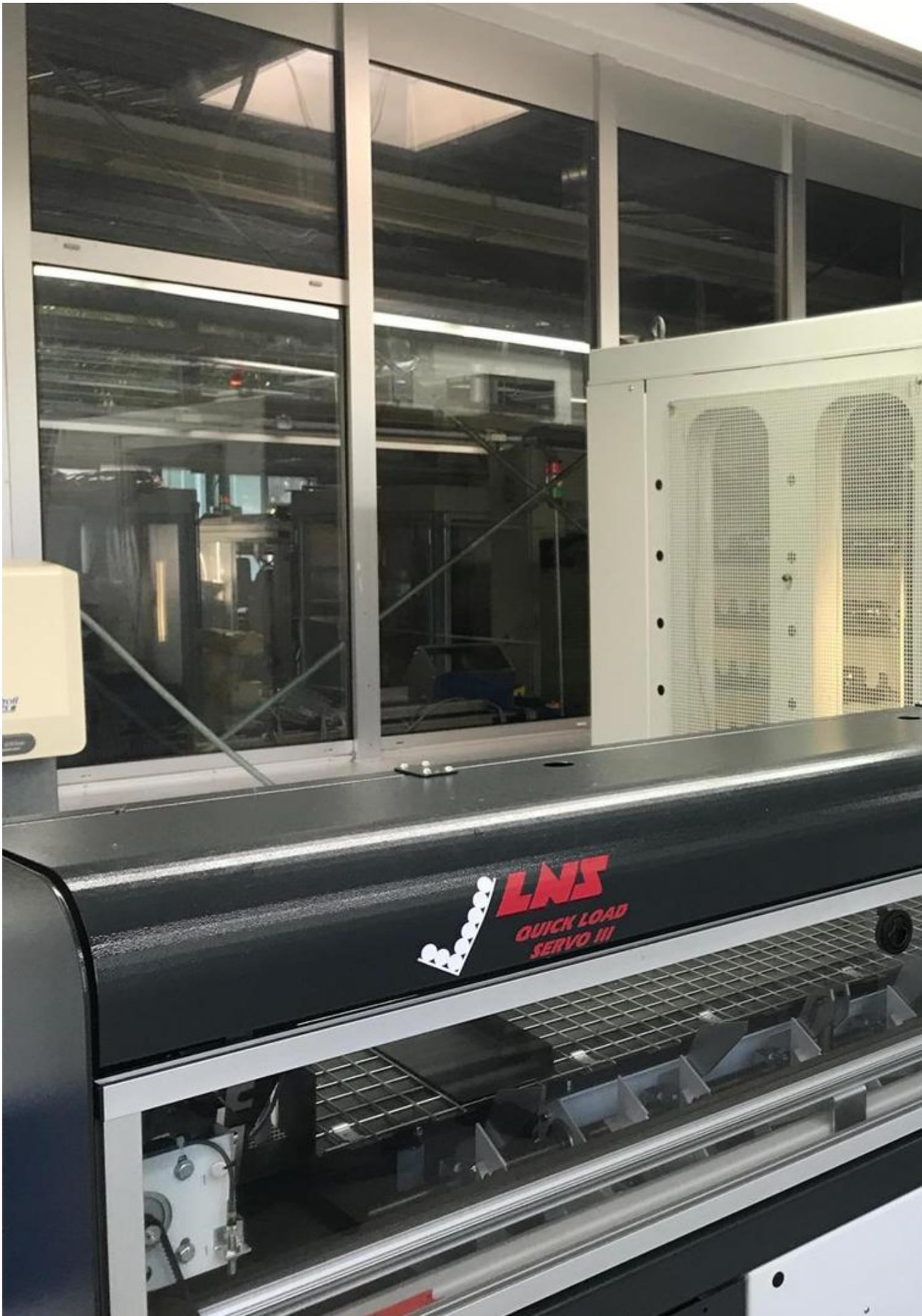
### **Dimensions and Weight:**

Height:  
2410 mm  
Length:  
2180 mm  
Width:  
25533 mm  
Weight:  
10600 kg

### **Buyer Information:**

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

### **Images:**



**LNS**  
QUICK LOAD  
SERVO III



518MT

WILLEMIN

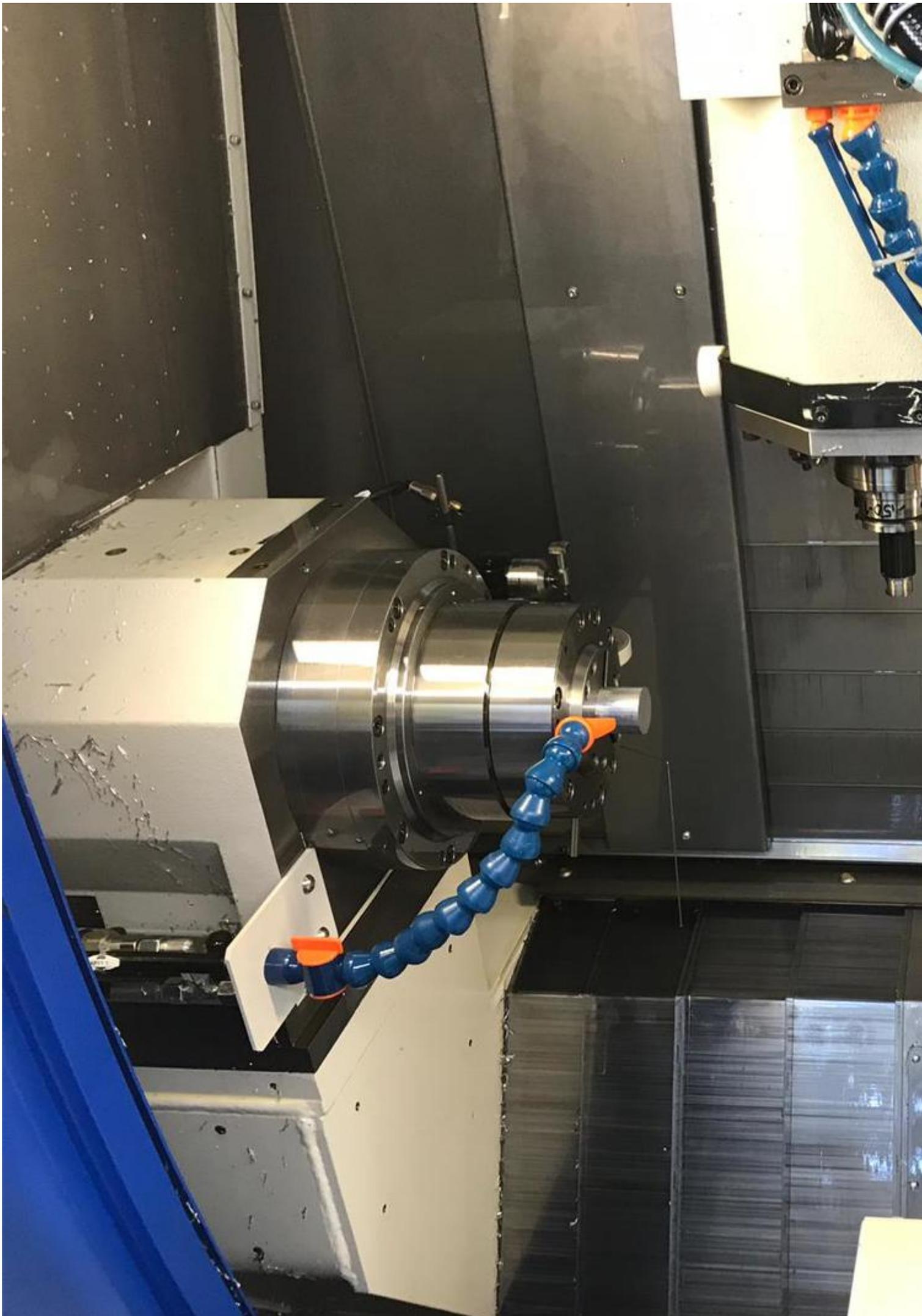
Maschine n  
Ausschalte



WILLEMIN M

A control panel for a machine. It features a color LCD screen at the top displaying a software interface with various data fields and graphs. Below the screen is a grid of numerous small, light-colored square buttons. At the bottom of the panel, there are several larger buttons in red, yellow, and black, along with two analog rotary dials and a large black knob.

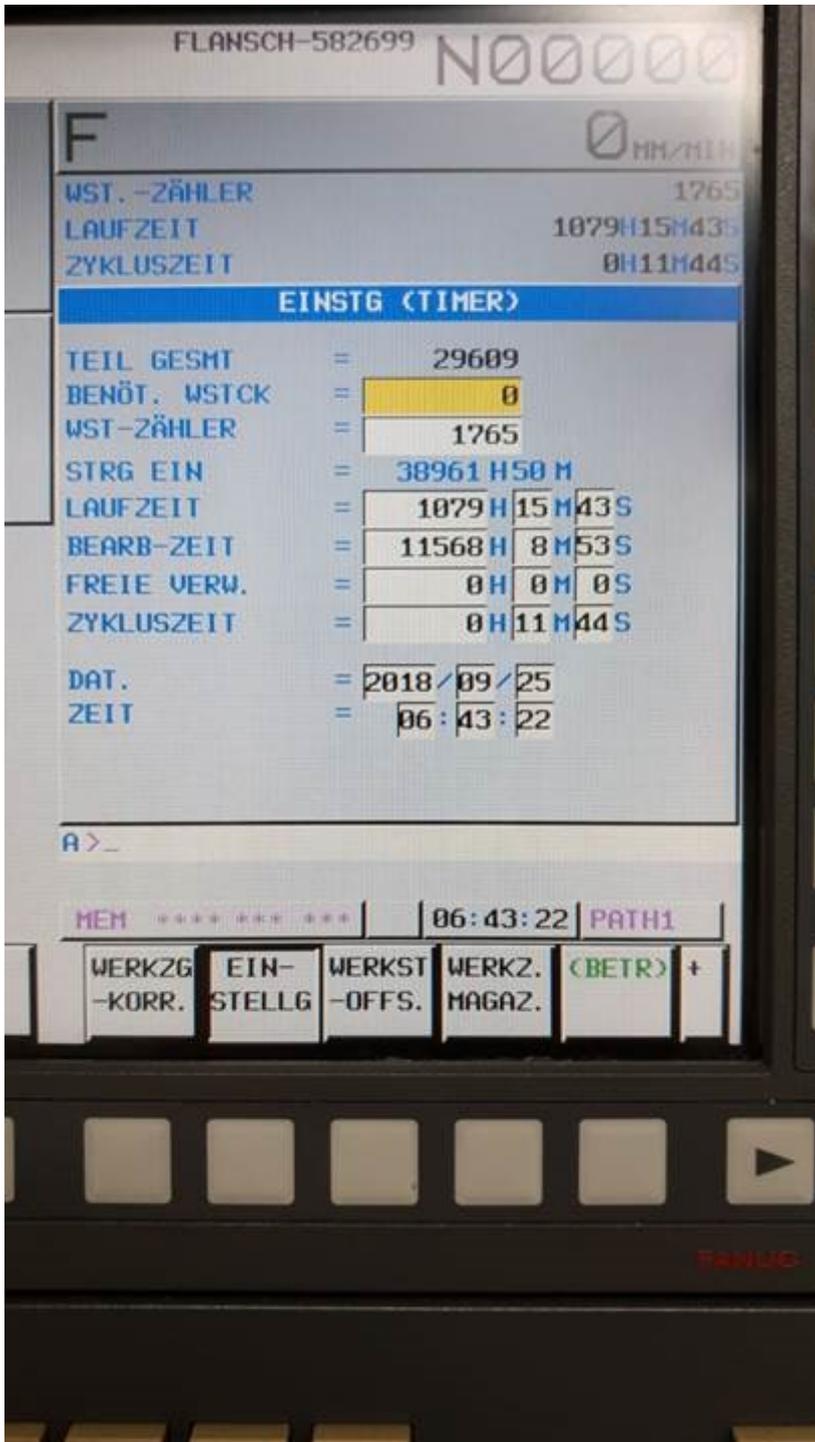








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Video:



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Web.: <https://www.asset-trade.de/en>

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QUICK LOAD  
SERVO III



518MT

WILLEMIN

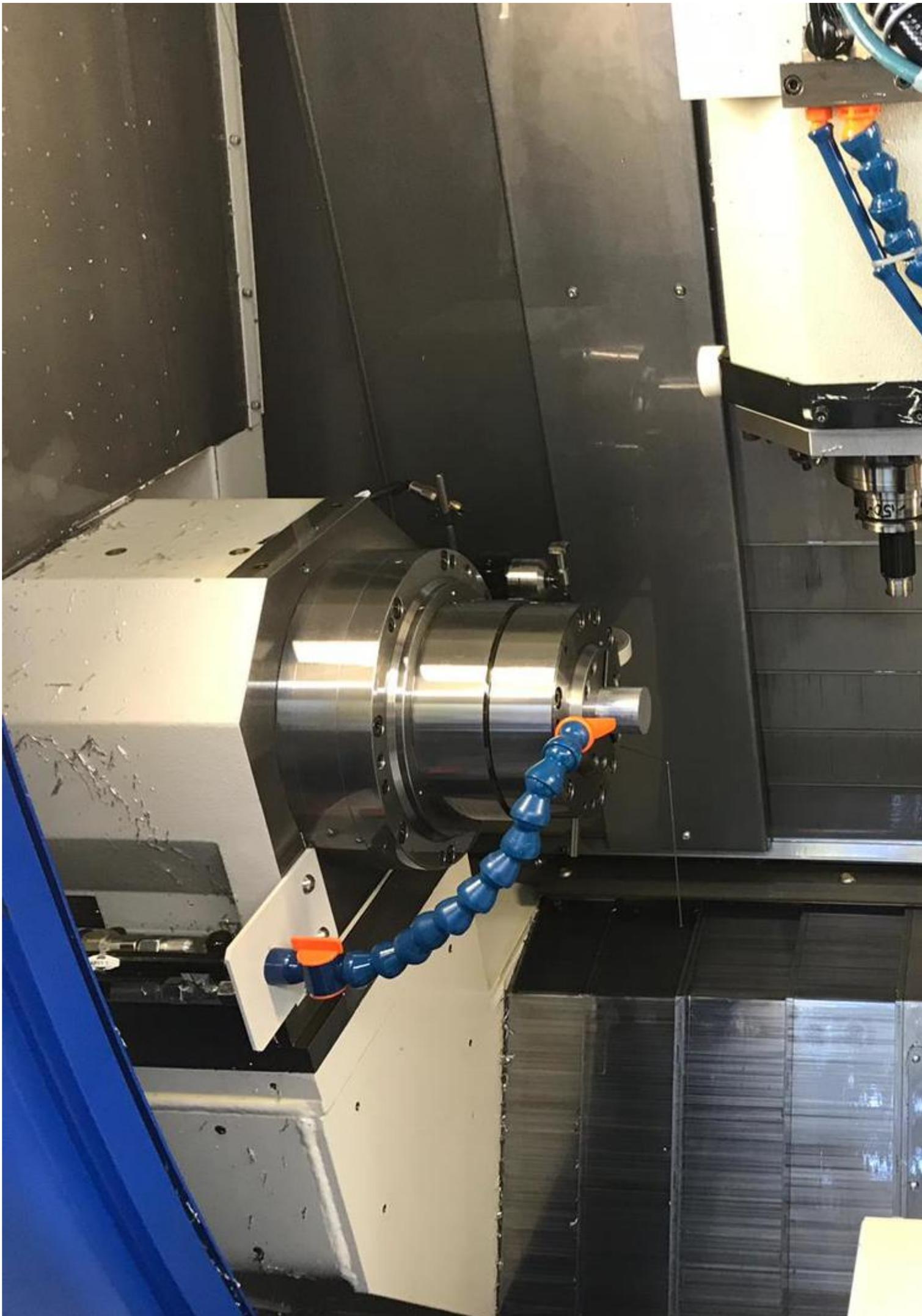
Maschine n  
Ausschalte



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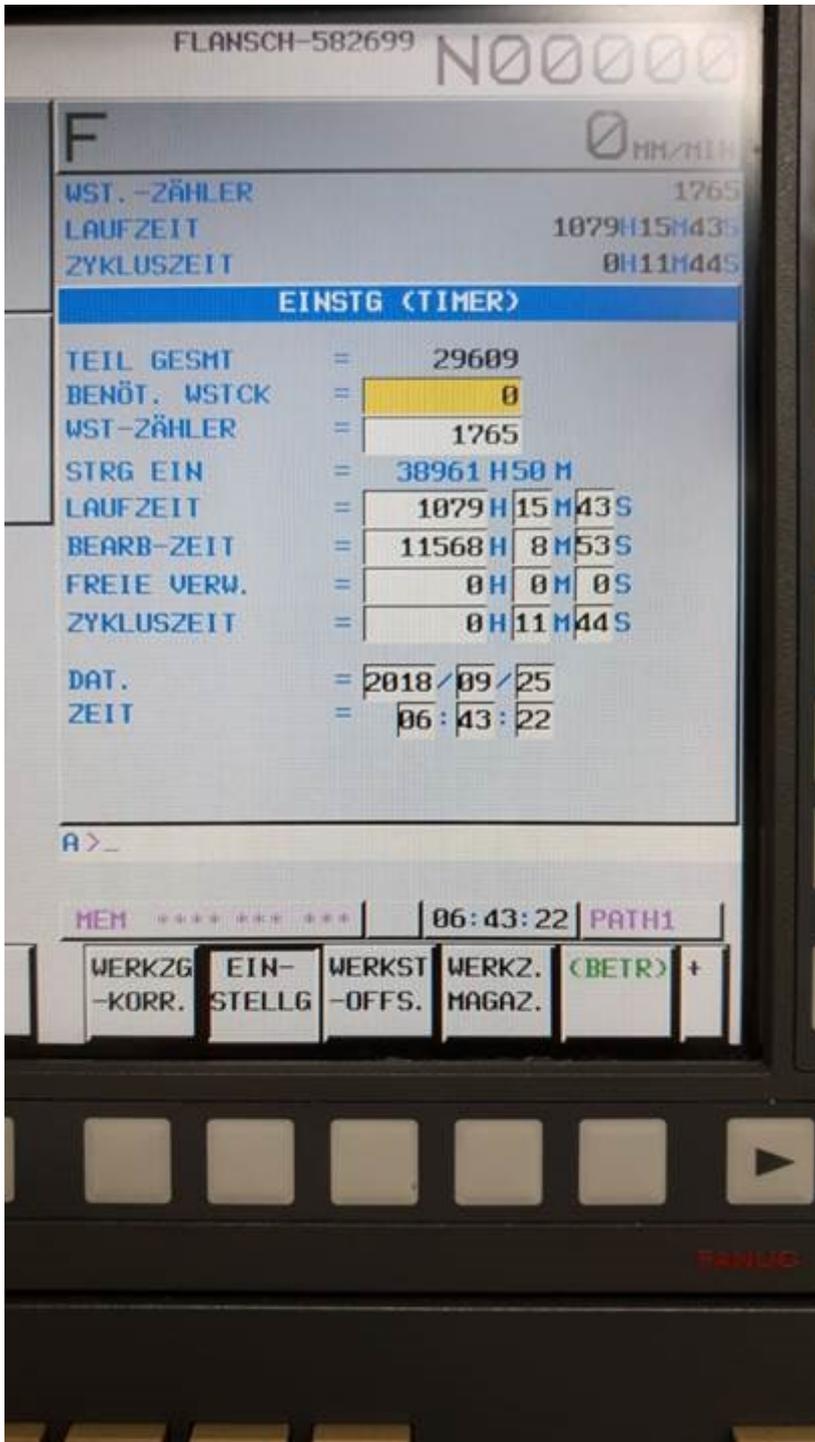








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