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Ref. No.:  
1150-12112023

## Overview and Technical Data:

# IBERIMEX - MVR ECOMILL BF 2000 CNC Bed Milling Machine

## IBERIMEX



Year of Build:  
Aug 2012

## Description:

## Used IBERIMEX MVR ECOMILL BF 2000 CNC bed milling machine

CNC Heidenhain iTNC530

Operating hours AN 15,750 hours / spindle hours 5,661

## Technical data:

- X-axis: 2000mm
  - Y-axis: 1000(980) mm
  - Z-axis: 950 mm
  - Infeed 10 mm/min
  - Repeatability +/- 0.003mm
  - Table: 2.100 x 1.050mm
  - Max table load: 5 tons
  - Spindle 40-3,500 rpm / 25kW
  - Tool holders 24 positions
  - Tool holder SK50
  - Universal milling head (Semi-automatic +/- 90 degrees)
  - Length x width x height approx: 5000 x 4100 x 2700 m
  - Weight approx. 12 tons
  - Connection: 30KVA
-

For noticeably increased productivity: ECOMILL

The ECOMILL bed-type milling machine is available up to 4,000 mm in length in the X-axis. A rigid, robust cast construction, versatile, flexible use with different multifunctional milling heads and the possibility of integrating rotary tables make our MVR BF bed-type milling machine a real all-rounder - even for 5-sided machining of workpieces in just one set-up.

Different milling heads for every application purpose

The adaptable standard milling head of the bed-type milling machine with manual B and C axes or the optional VH-2 head can be removed to provide an ISO 50 horizontal spindle for horizontal machining. This also increases the working area by about 500 mm, so that machining operations on the angle or work similar to drilling can also be carried out.

Also available for our MVR BF bed-type milling machine are automatic built-in milling heads.

A Siemens spindle motor in combination with a ZF gearbox provides a torque of up to 1000 Nm.

High permanent precision:

Supported by specially hardened vertical and horizontal guideways on the column and the milling carriage. The counterguides are coated with Turcite-B. The console of this bed-type milling machine has a very long bearing surface in the vertical axis for high stability and to avoid tilting of the boom.

Due to the precisely defined and constant clamping of the guide, a stable and exactly defined distance between the bedway and the table saddle is created, independent of the table load. Slip-stick effect is thus avoided.

## **Technical Data:**

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Control:

[TNC 530](#)

Machine Hours:

15.750 hrs.

Spindle Hours:

5.661 hrs.

Spindle Speed:

3.500 rpm

Tool Holder:

[SK50](#)

Tool Capacity:

24 x

### **Travels:**

X-Axis:

2.000 mm

Y-Axis:

1.000mm

Z-Axis:

950 mm

## **Dimensions and Weight:**

Height:  
2.500 mm  
Width:  
5.000 mm  
Length:  
5.000 mm  
Weight:  
12.000 kg

## **Buyer Information:**

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

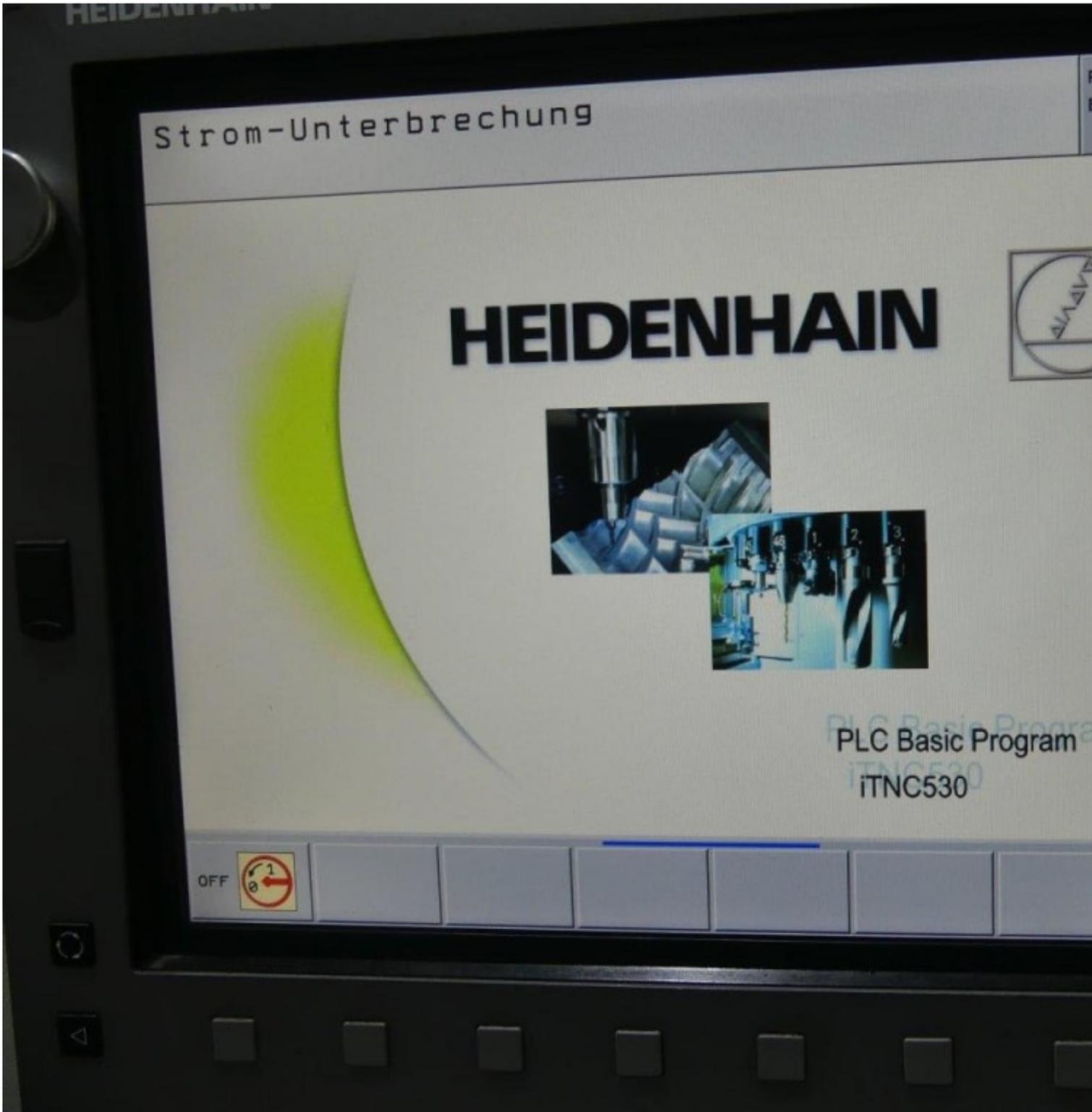
## **Images:**



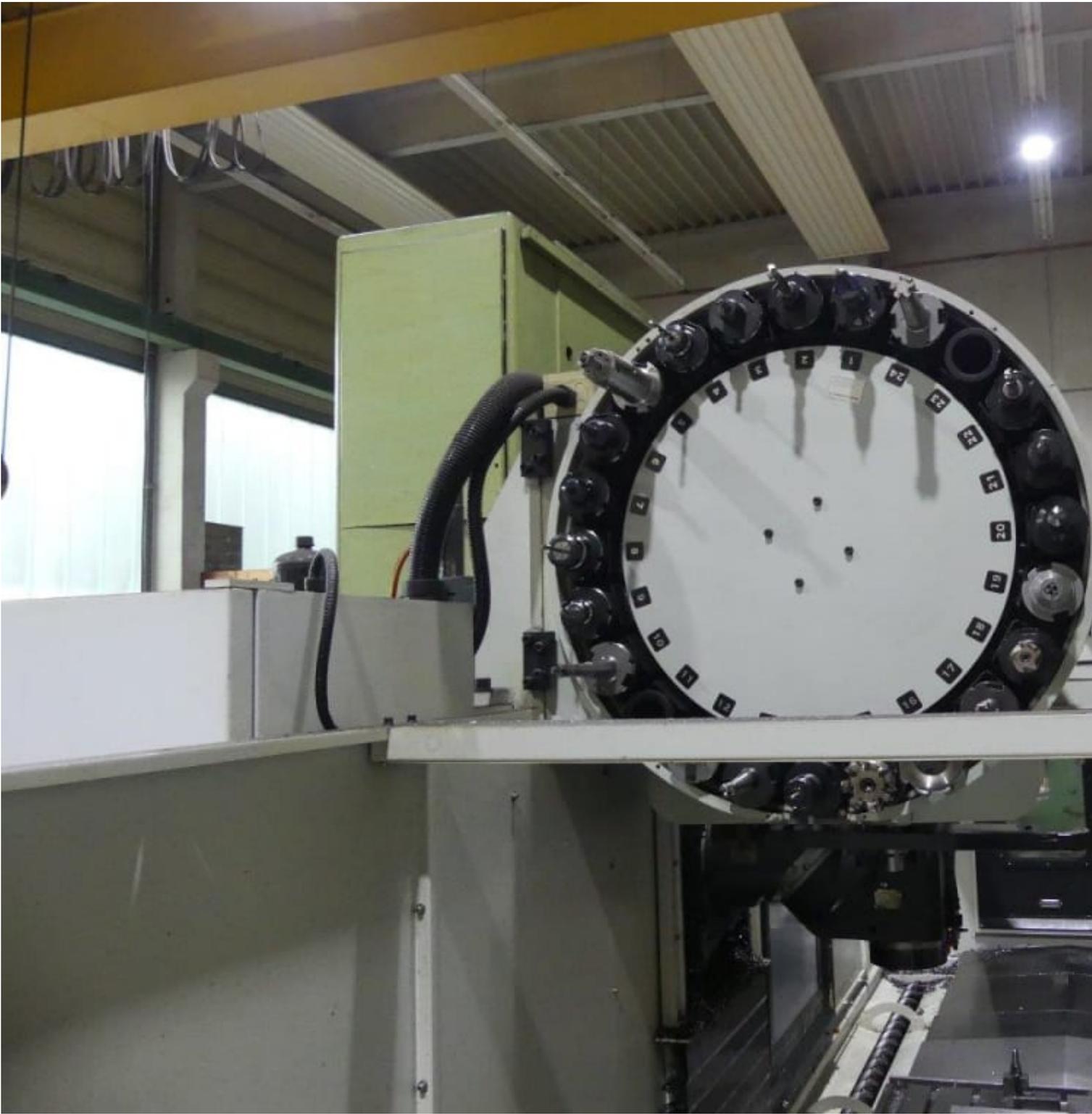
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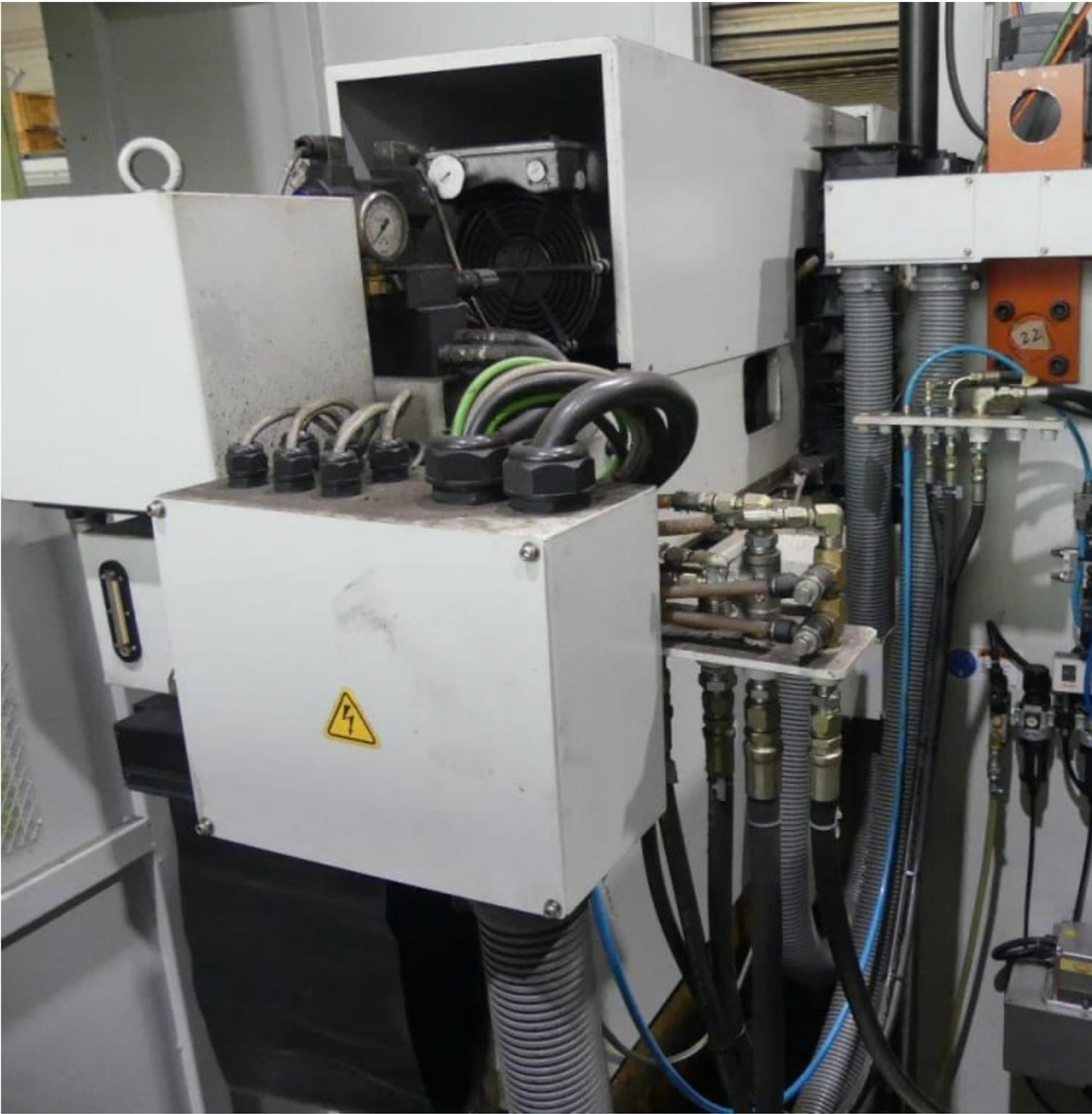








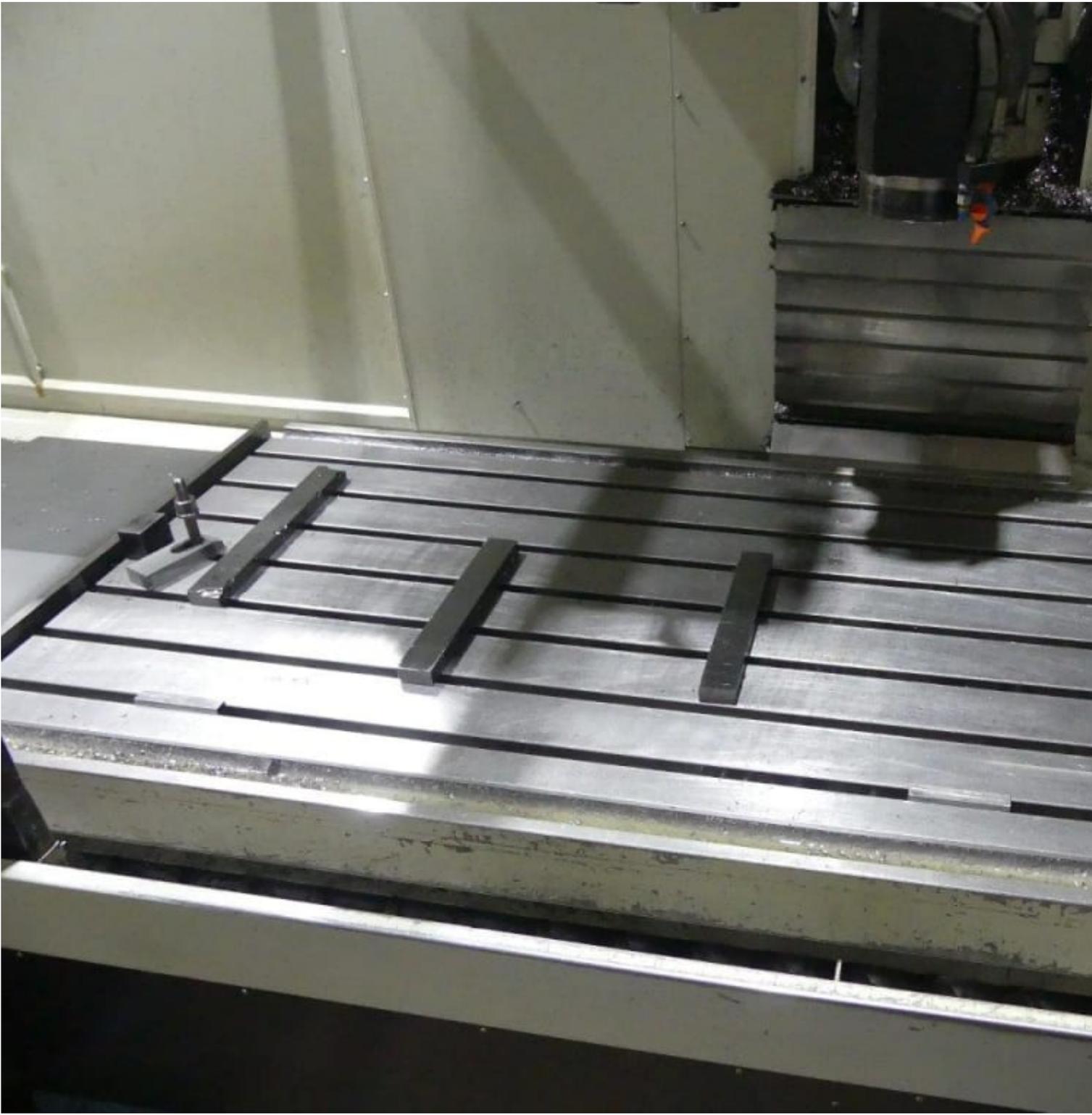












Strom-  
Unterbrechung

# Programm-Einspeichern/Edit

```
0 BEGIN PGM L+W Trennw MM
1 BLK FORM 0.1 Z X+0 Y+0 Z-30
2 BLK FORM 0.2 X+1600 Y+950 Z+0
/ 3 TOOL CALL 23 Z S2000 F5000
  DR-0.05
/ 4 L X+0 Y+0 Z+2 R0 FMAX M3
/ 5 CYCL DEF 14.0 KONTUR
6 CYCL DEF 14.1 KONTURLABELS /6
/ 7 CYCL DEF 16.0 KONTURFRAESEN
8 CYCL DEF 16.1 ABST2 TIEFE-2.4
9 CYCL DEF 16.2 ZUSTLG2.4 F1000 DR+
  F2500
/ 10 CYCL CALL
/ 11 CYCL DEF 253 NUTENFRAESEN
  Q215=+1 ;BEARBEITUNGS-UMFANG
  Q218=+92 ;NUTLAENGE
  Q219=+18 ;NUTBREITE
  Q368=+0 ;AUFMASS SEITE
  Q374=+90 ;DREHLAGE
  Q367=+0 ;NUTLAGE
  Q207=+3000 ;VORSCHUB FRAESEN
  Q351=+1 ;FRAESART
  Q201=-2.4 ;TIEFE
  Q202=+2.4 ;ZUSTELL-TIEFE
  Q369=+0 ;AUFMASS TIEFE
  Q206=+3500 ;VORSCHUB TIEFENZ.
  Q338=+0 ;ZUST. SCHLICHTEN
  Q200=+2 ;SICHERHEITS-ABST.
  Q203=+0 ;KOOR. OBERFLAECHE
  Q204=+50 ;2. SICHERHEITS-ABST.
  Q366=+1 ;EINTAUCHEN
  Q385=+500 ;VORSCHUB SCHLICHTEN
```

ANFANG



ENDE



SEITE



SEITE



SUCHEN

START



Model Number :

Serial Number : VH-200

Motor : 25 Kw Voltage 4

Weight : 12000 Kgs Da

*BF 200*

**HEIDENHAIN**

**⚠️ WARNUNG**

**SCHUTZABDECKUNGEN  
GESCHLOSSEN HALTEN**

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Maschine bei geöffneten  
Schutzabdeckungen.

G 002

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VERLETZUNGSGEFAHR**

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drehender Teile.

G 003

**⚠️ GEFAHR**

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G 007

112 SA

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S head runn





**Video:**



Asset-Trade

Assessment and Sale of Used Assets world wide

Am Sonnenhof 16

47800 Krefeld

Germany

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Email: [info@asset-trade.de](mailto:info@asset-trade.de)

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

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Spindle Speed:

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Tool Capacity:

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### **Travels:**

X-Axis:

2.000 mm

Y-Axis:

1.000mm

Z-Axis:

950 mm

### **Dimensions and Weight:**

Height:

2.500 mm

Width:

5.000 mm

Length:

5.000 mm

Weight:

12.000 kg

### **Buyer Information:**

Condition:

[Very good condition](#)

Availability:

[Sold](#)

Sold as:

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

VAT:

[19 %](#)

Buyers Premium:

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Germany

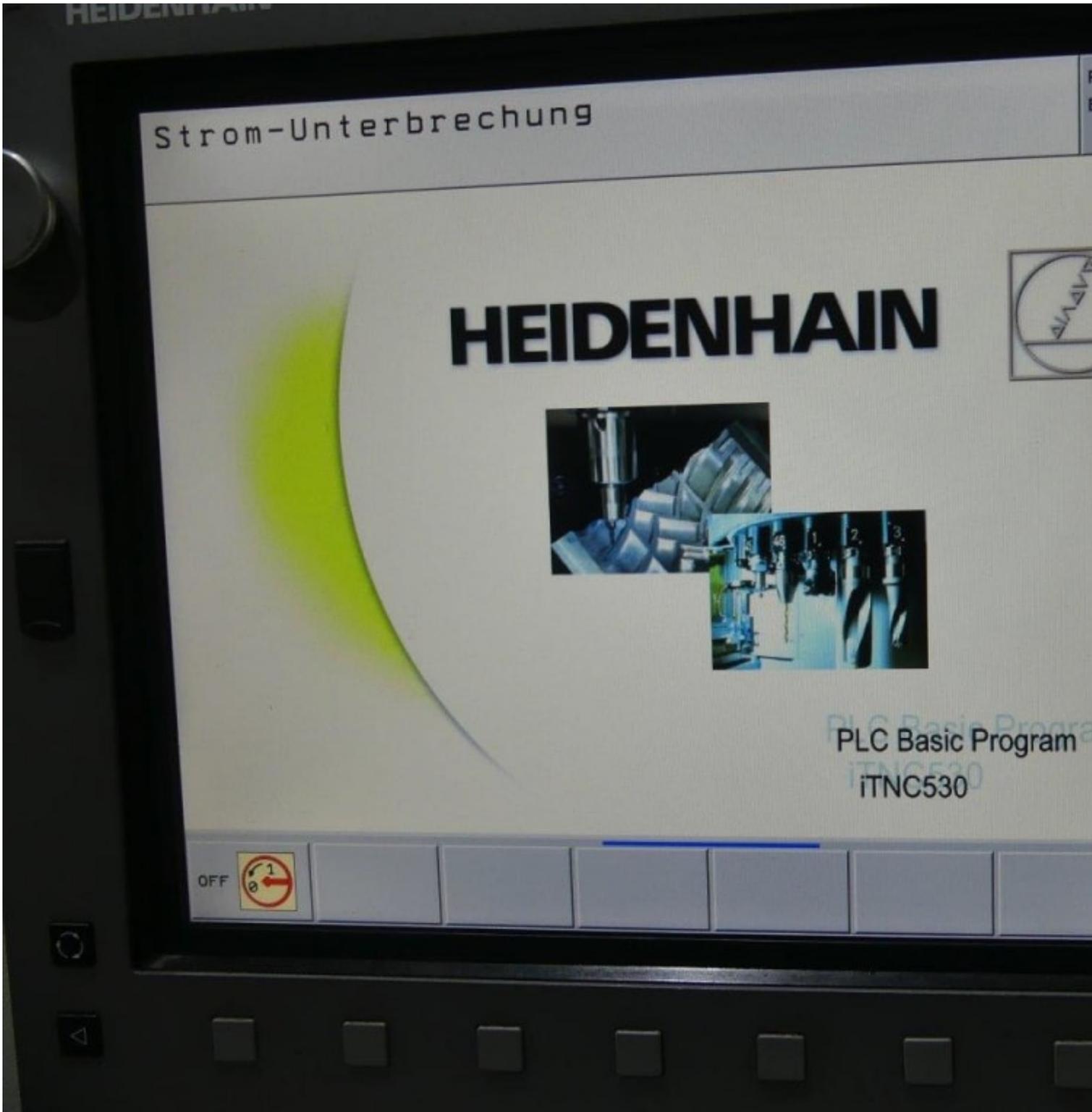
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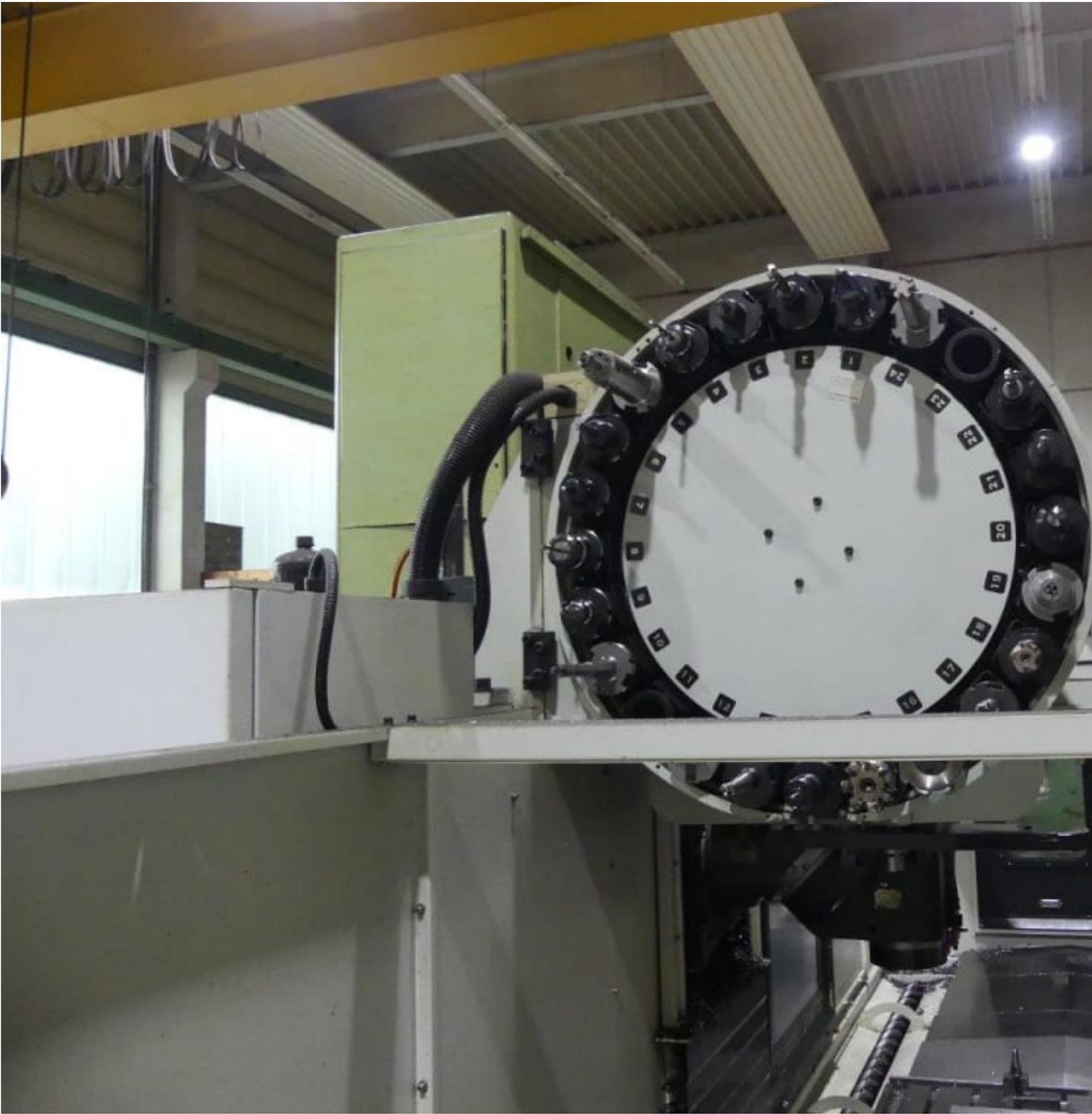
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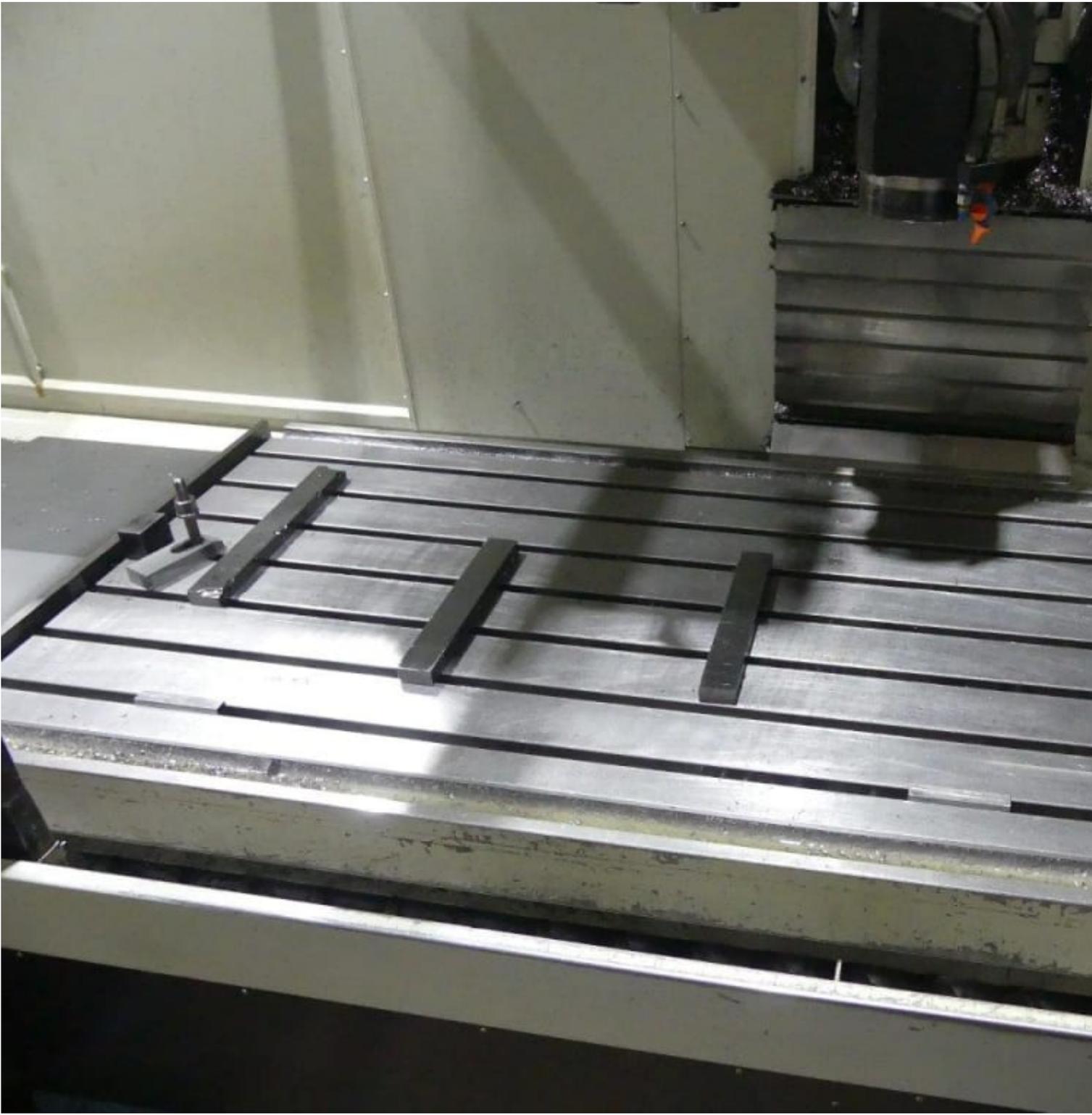












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G 007

112 SA

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