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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:

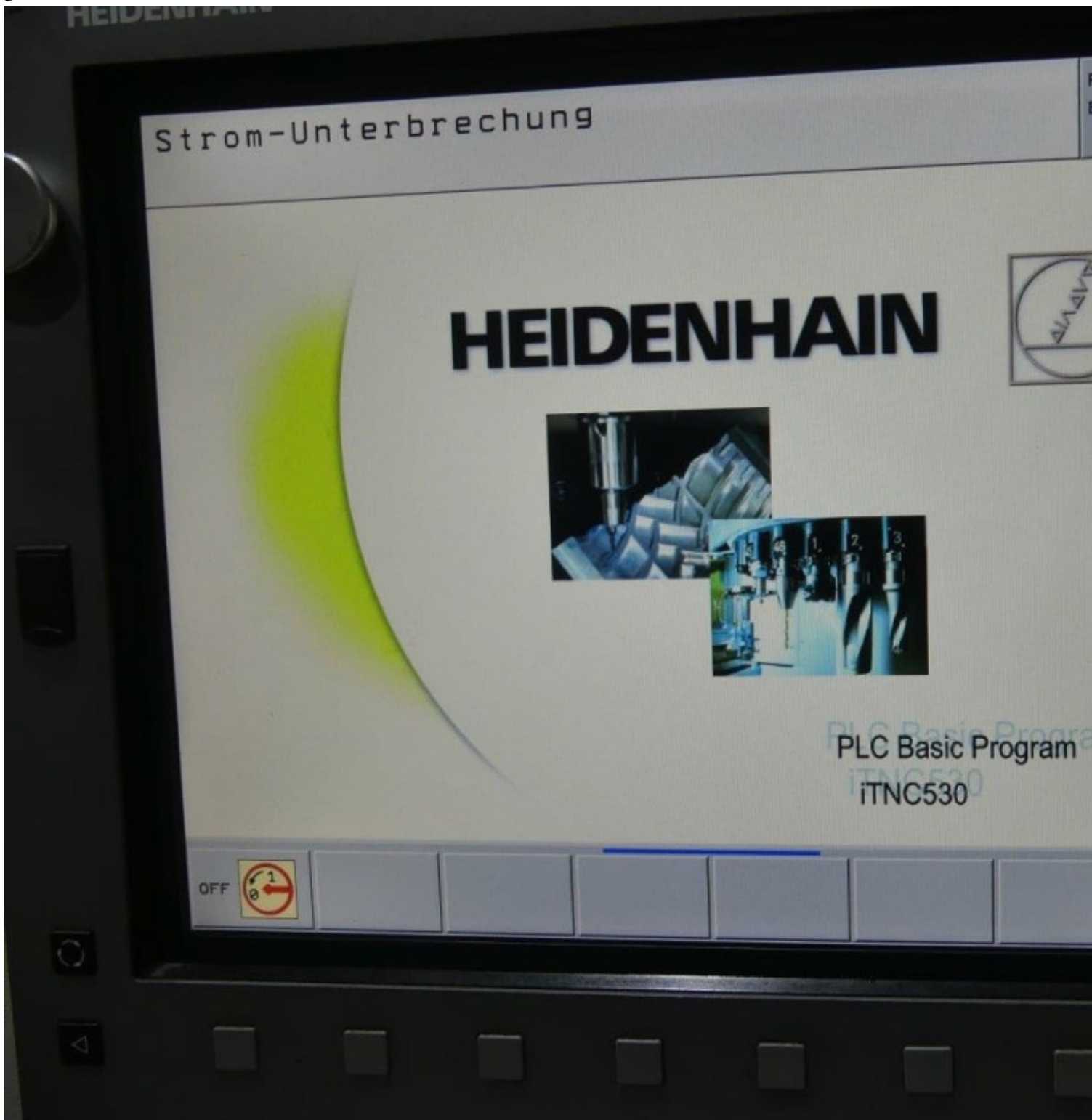
Germany











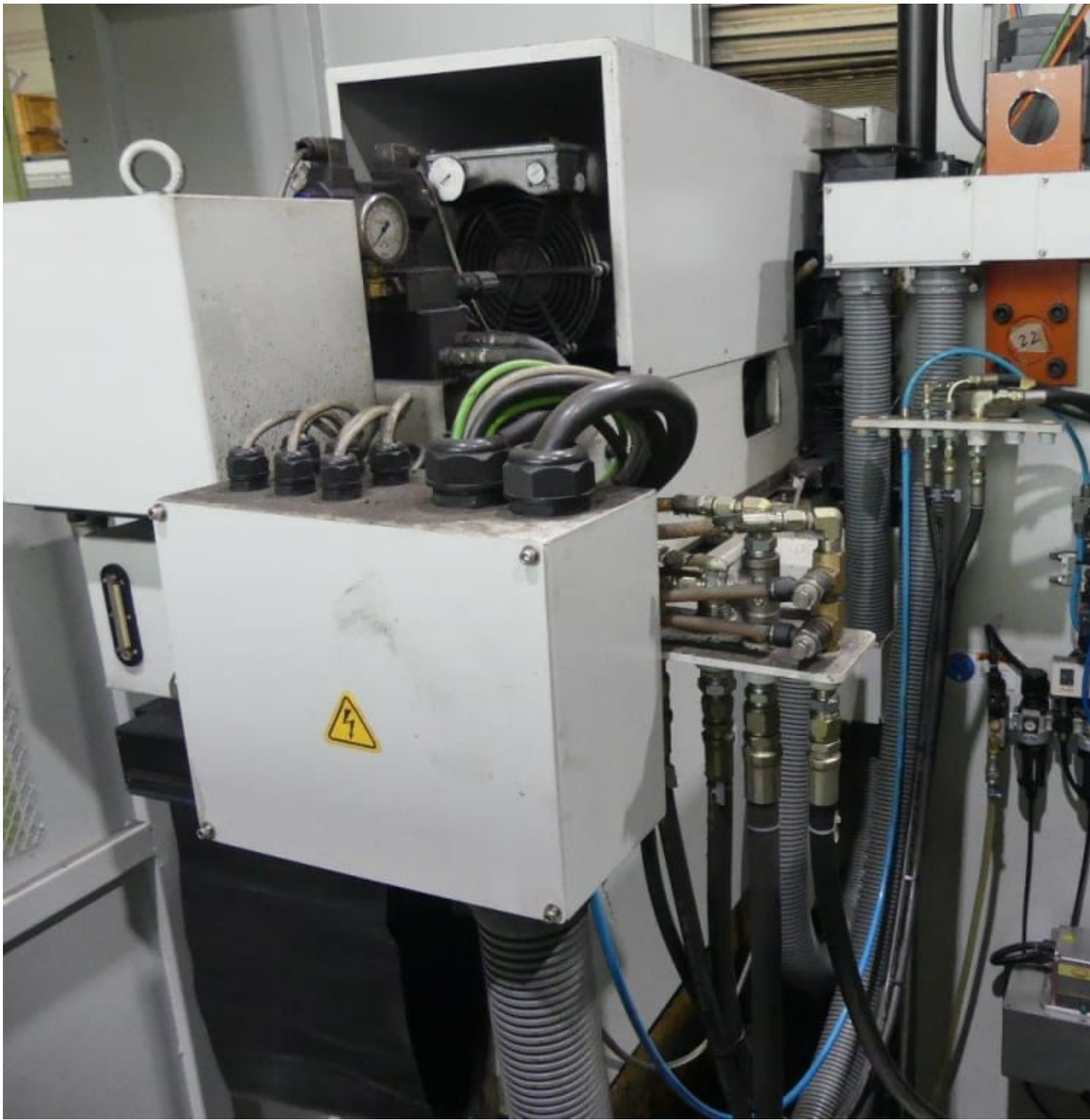














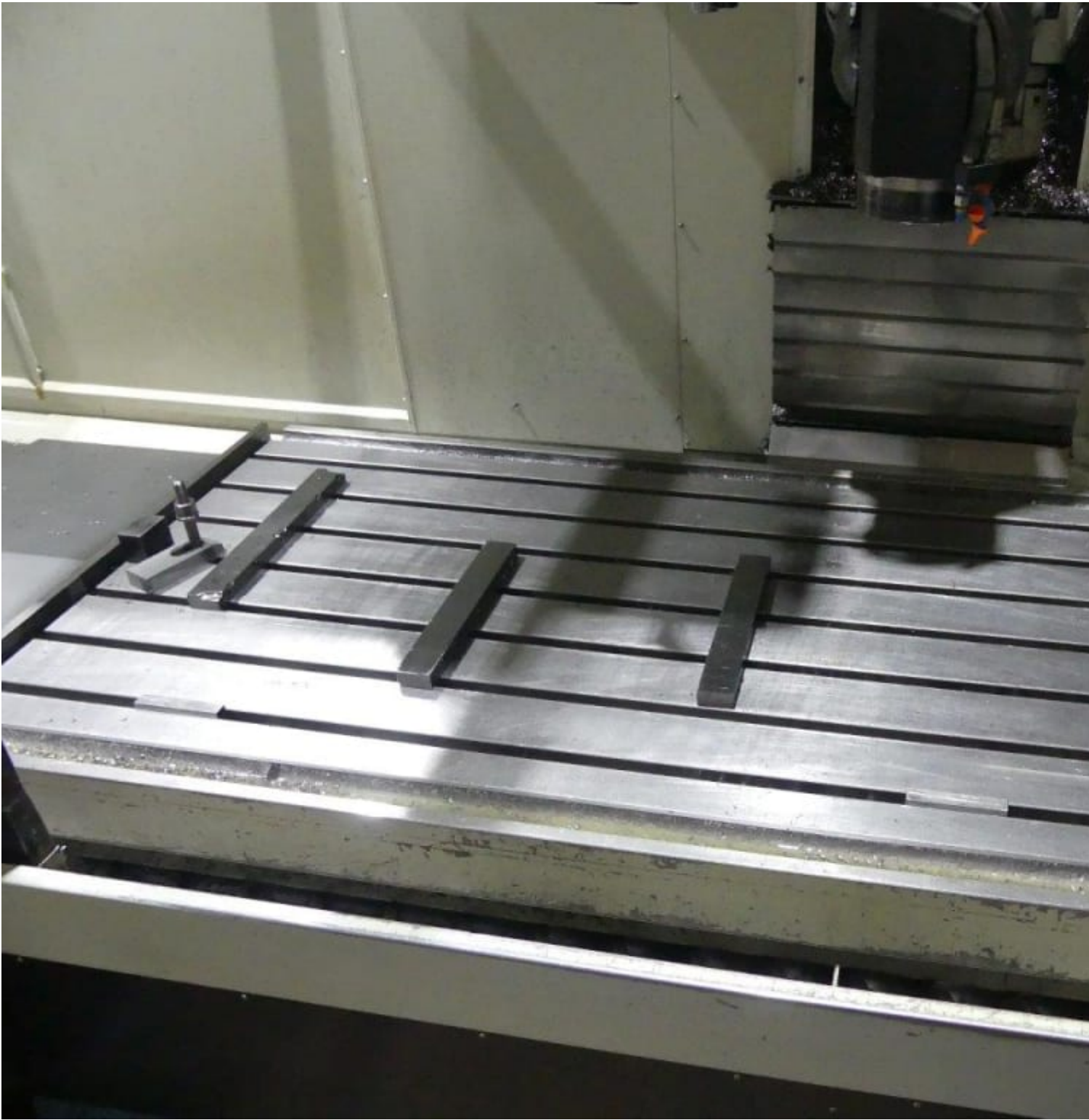












Strom-  
Unterbrechung

## 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+850 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*

**⚠️ WARNUNG**

**SCHUTZABDECKUNGEN  
GESCHLOSSEN HALTEN**

Arbeiten Sie nicht mit der  
Maschine bei geöffneten  
Schutzabdeckungen.

Q 002

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VERLETZUNGSGEFAHR**

Bewegen Sie Ihre Hände  
nicht in die Nähe sich  
drehender Teile.

Q 003

**⚠️ GEFAHR**

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Q 007

**HEIDENHAIN**

112 SA

Steuerung e  
Maschine ei  
Programmlau  
Spindle tim  
S head runn







**Video:**



Asset-Trade

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Am Sonnenhof 16

47800 Krefeld

Germany

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

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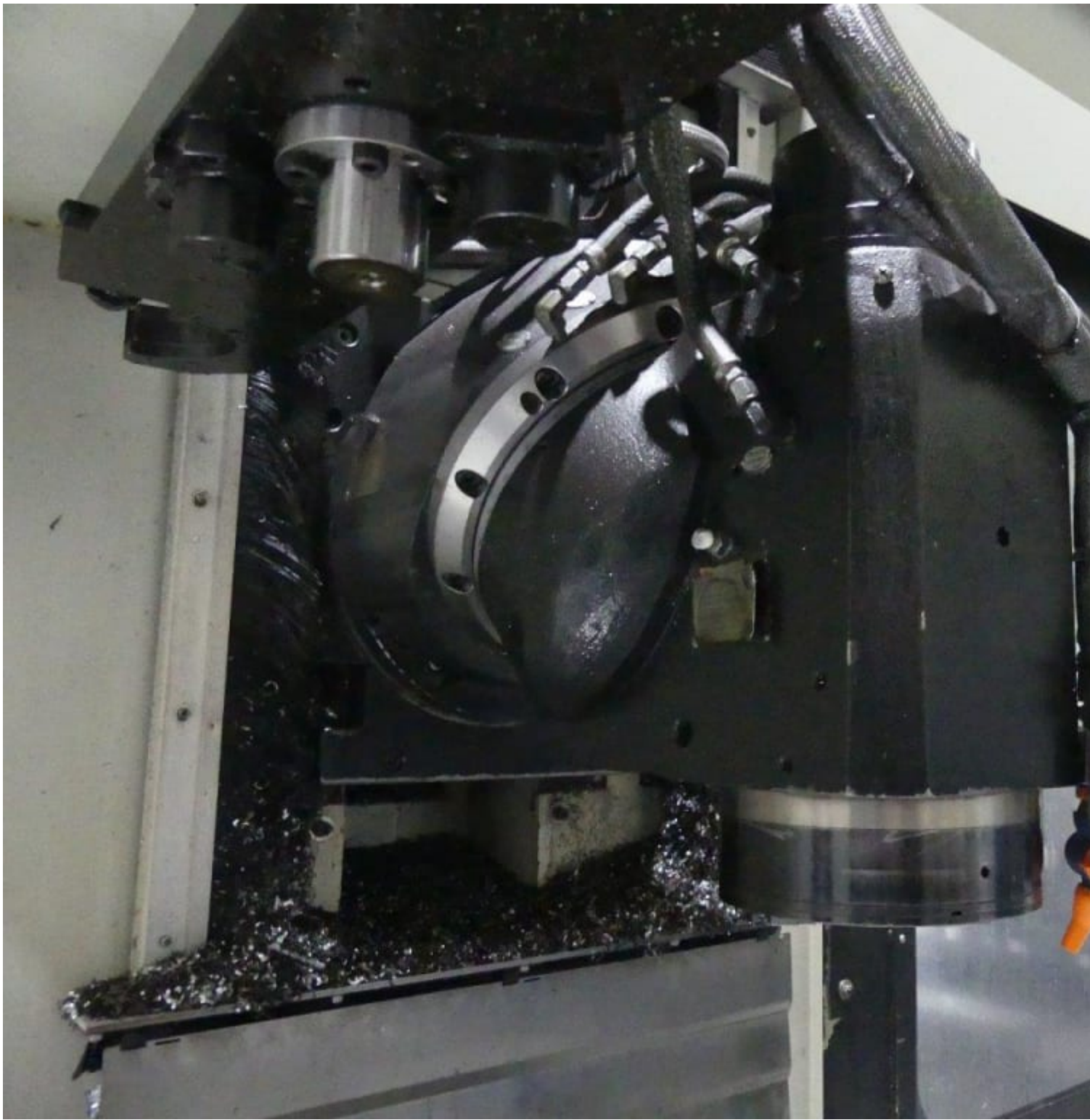








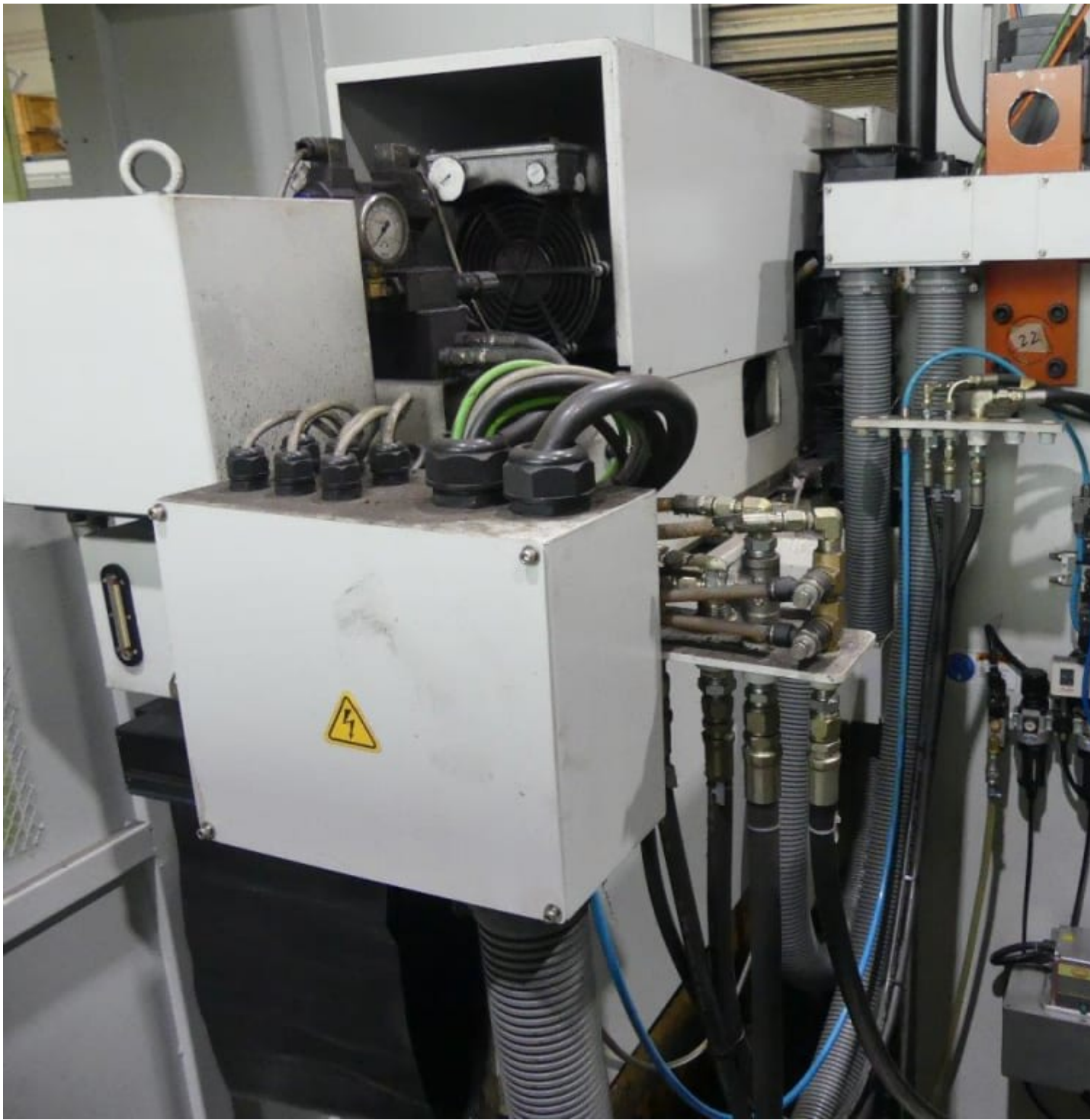












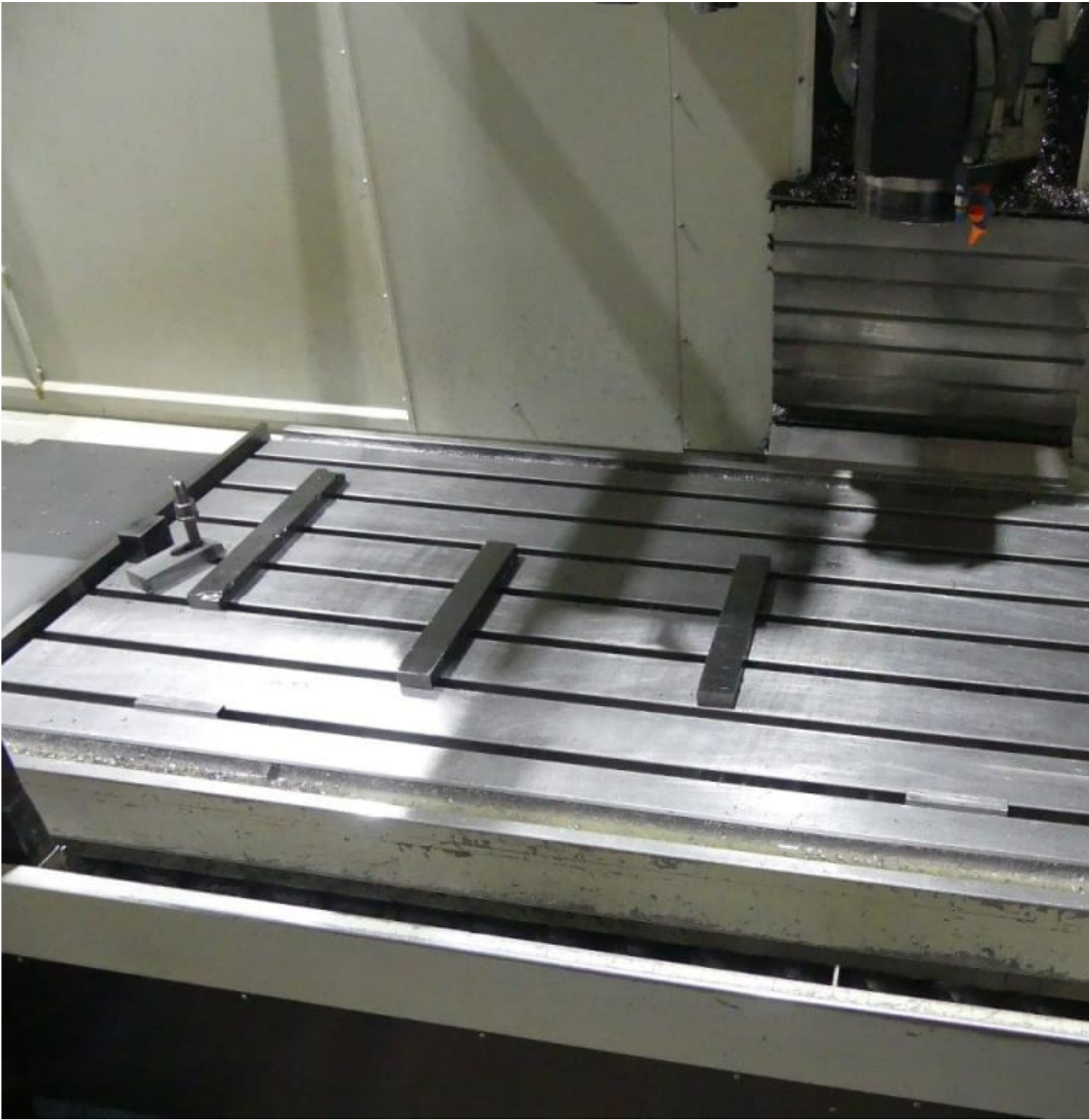














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