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Ref. No.:  
143-10251412

## Overview and Technical Data:

**HÜLLER HILLE - nb-h70**

[HUELLER HILLE](#)

**HÜLLER HILLE**

**DIED**

Year of Build:  
Jan 1985

### Description:

**Used HUELLER HILLE NB - H 70 Horizontal Machining Center**





## Siemens Sinumerik Sprint 8M control

### Workspace

- Travels X - Axis: movable rotary table 630 mm
- Travel Y - axis: processing unit 500 mm
- Traverse Z - axis: 550 mm rack with Bearbeitungseinheit

### Distance in the X-axis

- Middle of the table - spindle axis  $\pm 315$  mm
- Distance in the Y-axis
- Table surface - spindle center, Min / Max 90 - 590 mm
- Range surface - spindle center, Min / Max 10 - 510 mm
- Distance in the Z-axis
- Middle of the table - spindle nose, Min / Max 150 - 700 mm

### Work spindle

- Diameter at front bearing  $\varnothing 70$  mm
- Taper taper shank to DIN 69871, ISO 40
- Speed range 25 - 4000 rpm
- Rated torque a.d. Working spindle (100%) max. 185 Nm
- (60% duty) max. 220 Nm
- Integer variable speed selectable by program
- Drive power (100%) max. 10 kW
- (60% duty) max. 13 kW

### Movable round table / pallet

- Clamping table top - range 500 x 400 mm
- Number of T-slots, 12 DIN 650 5
- 80 mm channel spacing
- Maximum payload kg Round Table 600
- Maximum payload 500 kg on pallet
- Round table pitch (flat-cut) 360 x 1 degree
- Part accuracy (mean error distribution)  $\pm 3$  "

### Feed

- Feed range in the X - Y - Z - axis
- Integer variable of program selectable 1-9999 mm / min
- Feed force in X - Y - X - axis 15.000 N

### Rapid traverse

- Rapid traverse X - Y - Z - axis 15,000 rpm mm /

## Tool magazine

- The 24 memory for mold  $\varnothing 87$  mm
- Maximum tool diameter 110 mm
- Maximum tool with einschränkung  $\varnothing 171$  mm
- Max bridge tool 200 x 90 mm
- Max Multi-spindle drilling head 210 x 210 mm
- Maximum tool weight 15 kg
- Max tooling about 100 kg per magazine
- Max tool length (einstellänge) 320 mm

### Druckluftanlage

- Supply pressure 5.5 bar
- Air consumption per hour on average 5 m<sup>3</sup>

### Coolant system

- Capacity-coolant tank 700 l
- External supply coolant pump delivery rate 40 l / min. 2.0 bar
- Internal and external supply coolant pump flow rate 50 l / min. 10-15 bar
- Flushing device (chip flow) pumps - flow rate 140 l / min. 0.4 bar
- Chip conveyor with angular discharge, discharge height 1050 mm

### Times

- Acceleration time 300 ms
- Running-300 ms
- Tool change time according to VDI 2852, about 10 sec
- Cut to cut time to VDI 2852 10 sec
- Pallet change time 21 sec to VDI 2852

### Accuracies

- X - Y - Z - axis directly with incremental scale
- Position Tolerance 0.012 mm
- Positiosstreubreite 0,012 mm
- Wiederholgenauigkeit  $\pm 0.003$  mm
- Accuracy of  $\pm 0.002$  degrees all positions

### Electrical equipment

- Operating voltage 380 V, 3 PH, 50 HZ
- Power consumption 37 KVA

### Weight

- Machine weight with 2 magazines, pallet changing device
- And coolant system with chip conveyor approximately 10,500 kg

**Maschine was in production one month ago. Suggested Repair :check on bearing, main spindle, and belt for main spindle**

### **Technical Data:**

### **Technical Data:**

Control:

[SINUMERIK 8](#)

Spindle Speed:

4.000 rpm

Tool Capacity:

24 x

### **Travels:**

X-Axis:

630 mm

Y-Axis:

500mm

Z-Axis:

550 mm

### **Dimensions and Weight:**

Weight:

10.500 kg

### **Buyer Information:**

Condition:

[Repairs required](#)

Availability:

[Immediately](#)

Sold as:

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

VAT:

[19 %](#)

Buyers Premium:

[16 %](#)

Location:

Europe

### **Images:**




1





04.10.2010

01 EU 1E 8

  
**Hüller Hille**

D-5810 Witten - Annen	
Nr.	61610374
Typ	nbh 70
Baujahr	1985
⚡ Nr	6320180018

42,4KVA  
3~ 380 V  
50 Hz 80 A  
64,5 A



~220V ~ 24 V 24 V

10190 27748

04.10.2010



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Generated on 20.04.2026

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