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Ref. No.:

741-1011160850

## Overview and Technical Data:

# DECKEL - HSC 55 Linear 5 Axis

## DMG DECKEL



# DMG

Year of Build:

Jan 2013

## Description:

### Used DMG Deckel HSC 55 linear 5 Axis High Speed Milling machine.

- Operating Hours
  - Machine 4.614 h
  - Spindle 2.719 h
- Work area X/Y/Z -axis 450x x 580 x 460 mm
- Spindle 28,000min-1 and HSK 63A
- Prod.Paket with IK 80bar (adjustable) and 1000 liters tank
- 3-D quick set
- Hand wheel
- Messtaster
- Blown air of spindle
- Laser tool measurement
- 60 tool magazine
- Oil mist extraction

The HSC 55 linear sets new standards for high speed cutting applications of graphite electrodes up to hard machining. Like no other machine in this field the HSC 55 linear meets all requirements for the HSC processing and is also best suited for chip-intensive roughing.

In the standard version the HSC 55 linear has a HSC spindle with 28,000 rpm and HSK-A63 and thus offers high stability during machining, longer tool lifetime, lower tool costs and better surfaces at the workpiece. Motor spindles with 18,000 rpm and 42,000 rpm are optionally available. Linear drives in all axes ensure accelerations of more than 2 g, rapid traverses of 80 m/min and highest precision.

The fixed table as well as the optional swivel rotary table with rotary speeds of 110 rpm are being driven double-sides in Y.

## **Technical Data:**

### **Technical Data:**

Control:

[SINUMERIK 840D](#)

Machine Hours:

4.614 hrs.

Spindle Hours:

2.719 hrs.

Spindle Speed:

28.000 rpm

Tool Capacity:

60 x

### **Travels:**

X-Axis:

450 mm

Y-Axis:

580mm

Z-Axis:

460 mm

### **Dimensions and Weight:**

Height:

2.900 mm

Width:

3.500 mm

Length:

5.500 mm

Weight:

12.000 kg

### **Buyer Information:**

Condition:

[Like New](#)

Availability:

[Immediately](#)

Sold as:

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

VAT:

[19 %](#)

Buyers Premium:

[18 %](#)

Location:

Germany

**Images:**











HSC 55 *linear*  
DECKEL MAHO

HSC 55  
*linear*  
Sub-Damp



DMG

ERGOline<sup>®</sup>

01/05 SIMATIC Log Info

Operative Mode: Access Level: **4**

01/06 Service Info

**DMG**

DATE: 21.08.15 TIME: 09:55:14 **24/7**

MACHINE NO.: 20700003 SUPPORT HOTLINE: +49 (0) 18 85 48 00 22

Key Mode 2: 01: 00000003

**M** AUTO 53 dm 20 H7 schlichten

Lokales Laufwerk/UORK/407023

**GILDEMEISTER**  
DMG | DECKEL MAHO | GILDEMEISTER

6-Funktionen

UKS	Position [mm]	Restweg	T.F.S
+X	48.710	-3.710	T 8 H1 TF r0.5 D1 20.00 Drehstahl
+Y	15.132	10.693	F 430.000 430.000 mm/min 100%
-Z	-37.606	-0.394	S1 3000 Master 3000 100%
C	180.000	0.000	
A	-90.000	0.000	

DMG R 3.983 L 198.433

Zeiten, Zähler

Programm 0:28:49h

Programmrest ca. 0:00:00h

Uerkstücke zählen  nein

Istwerte MKS

Lokales Laufwerk/UORK/407023

Part No.	QTY	Part Name
N5677	63	X45, Y5.8151 Z-37.5 I0, J-10.005
N5678	63	X45, Y25.8251 Z-38 I0, J10.005
N5679	63	X45, Y5.8151 Z-38.5 I0, J-10.005
N5680	63	X45, Y25.8251 Z-39 I0, J10.005
N5681	63	X45, Y5.8151 Z-39.5 I0, J-10.005
N5682	63	X45, Y25.8251 Z-40 I0, J10.005
N5683	63	X45, Y5.8151 Z-40.5 I0, J-10.005
N5684	63	X45, Y25.8251 Z-41 I0, J10.005

DMG Mit- zeichn. Prog. Edit



Q W E R T Y U I O P

A S D F G H J K L

Z X C V B N M

CTRL ALT

DMG

Prog. Beeinf. Mit- zeichn. Prog. Edit

END

100% 100%

3000

DMG

4



5



Asset-Trade

Assessment and Sale of Used Assets world wide

Am Sonnenhof 16

47800 Krefeld

Germany

Tel.: +49 2151 32500 33

Fax.: +49 2151 65 29 22

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

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

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Location:

Germany

**Images:**











DMAC MAHO 55

HSC 55  
**linear**  
Sub-Damp

**HSC 55** *linear*  
**DECKEL MAHO**





DMG

ERGOline<sup>®</sup>

01/05 SIMATIC Logix Info

Operative Mode

Access Level 4

01/06 Service Info

DMG

DATE: 21.08.15

TIME: 09:55:14

24/7

MACHINE NO.: 20700001

SUPPORT PHONE: +49 (0) 18 85 48 00 22

Key Mode 2 - 0: 00000000

M AUTO 53 dm 20 H7 schlichten

Lokales Laufwerk/UORK/407023

GILDEMEISTER

DMG | DECKEL MAHO | GILDEMEISTER

6-Funktionen

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-Z	-37.606	-0.394	F 20.00 Drehstahl
C	180.000	0.000	F 430.000
A	-90.000	0.000	430.000 mm/min 100%
			S1 3000
			Master 3000 100%

Lokales Laufwerk/UORK/407023

Program	Zeiten, Zähler
H5677 G3 X45. Y5.8151 Z-37.5 I0. J-10.005	0:28:49h
H5678 G3 X45. Y25.8251 Z-38. I0. J10.005	0:00:00h
H5679 G3 X45. Y5.8151 Z-38.5 I0. J-10.005	0:00:00h
H5680 G3 X45. Y25.8251 Z-39. I0. J10.005	99%
H5681 G3 X45. Y5.8151 Z-39.5 I0. J-10.005	
H5682 G3 X45. Y25.8251 Z-40. I0. J10.005	
H5683 G3 X45. Y5.8151 Z-40.5 I0. J-10.005	
H5684 G3 X45. Y25.8251 Z-41. I0. J10.005	

Uerkstücke zählen  nein

Istwerte MKS

DMG Mit- zeichn. Prog. Edit



Q W E R T Y U I O P

A S D F G H J K L

Z X C V B N M

CTRL ALT

DMG

Prog. Beeinfl. Satz- wechsl. Mit- zeichn. Prog. Edit

END

100% 100%

3000

DMG

4



5



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Generated on 21.04.2026

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