

Image not found or type unknown



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 %](#)

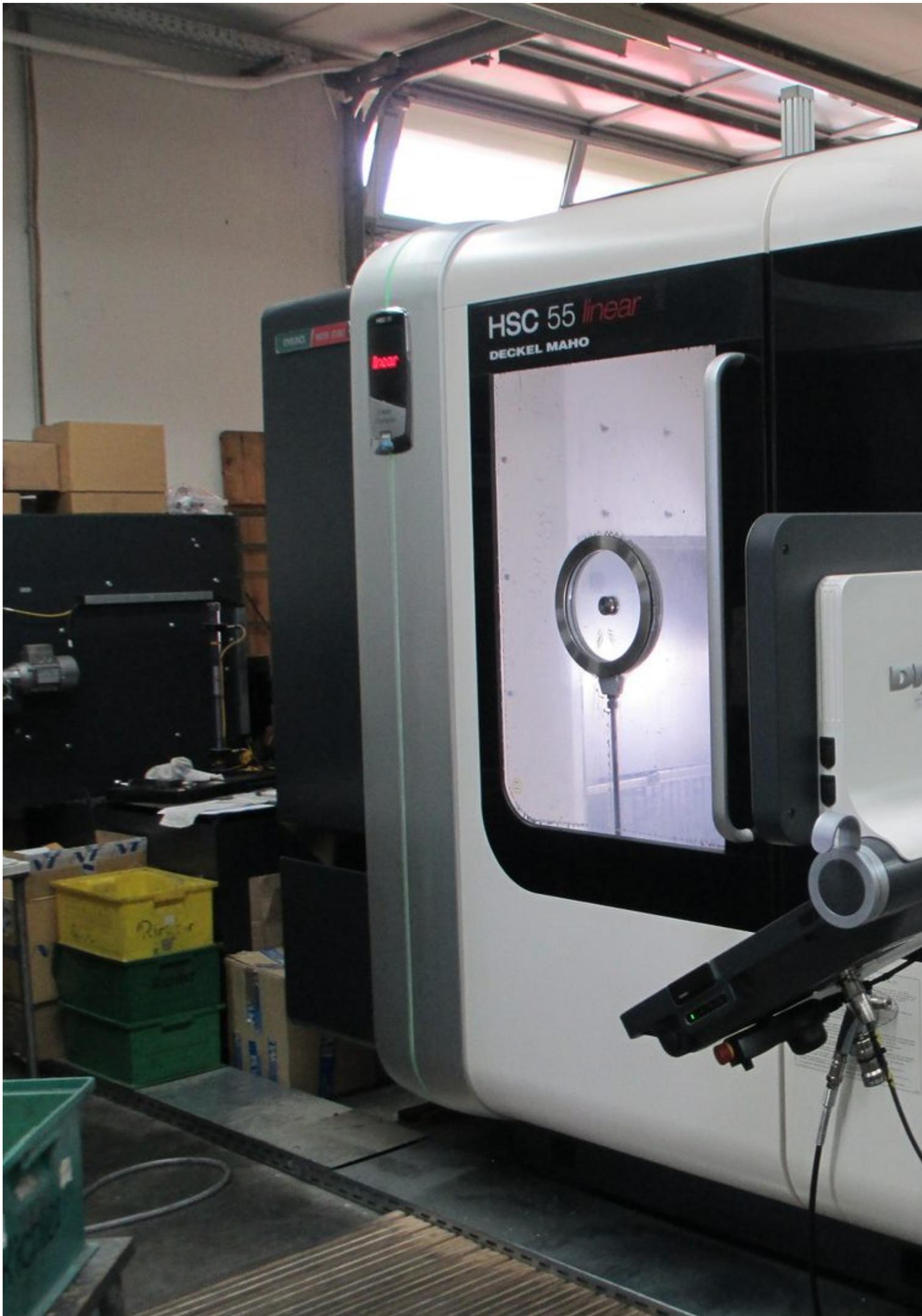
Buyers Premium:

[18 %](#)

Location:

Germany

**Images:**



HSC 55 linear  
DECKEL MAHO

linear

DU





DMU 80 monoBLOCK®  
MICHEL MAHO







HSC 55 *linear*  
DECKEL MAHO

HSC 55  
*linear*  
Sub-Damp

DAAG MAHO



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

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

Über-  
spricht

Prog. Beeinf. NC

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

NUMERIC KEYPAD: 7 8 9, 4 5 6, 1 2 3, 0, +, -, =

FUNCTION KEYS: F1-F12, END, DEL, HOME, PAGE UP/DOWN, F5-F6

DMG LOGO

Mit-zeichn. (Mitte)

Prog. Edit (Programmieren)

Navigation KEYS: Arrow keys, Home, End, Refresh

DMG LOGO

DMG LOGO

4



5



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Germany

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Fax.: +49 2151 65 29 22

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

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

VAT:

[19 %](#)

Buyers Premium:

[18 %](#)

Location:

Germany

**Images:**







DMU 80 monoBLOCK®  
MICKEL MAHO







HSC 55 *linear*  
DECKEL MAHO

HSC 55  
*linear*  
Sub-Damp

DAVIC



DMG

ERGOline<sup>®</sup>

01/05 SIMATIC Log Info

Operative Mode: Access Level: 4

Service Info: DMG 55 Z, DATE: 21.08.15, TIME: 09:55:14, 24/7

53 dm 20 H7 schlichten

Lokales Laufwerk/UORK/407023

UKS	Position [mm]	Restweg	T.F.S
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-Z	-37.606	-0.394	S1 3000 Master 3000 100%
C	180.000	0.000	
A	-90.000	0.000	

GILDEMEISTER  
DMG | DECKEL MAHO | GILDEMEISTER

6-Funktionen  
Hilfs-funktionen  
Basis-sätze  
Zeiten / Zähler  
Programm-ebenen  
Istwerte MKS

Lokales Laufwerk/UORK/407023

Program	Zeiten, Zähler
H5677 63 X45. Y5.8151 Z-37.5 I0. J-10.005	0:28:49h
H5678 63 X45. Y25.8251 Z-38. I0. J10.005	0:00:00h
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H5683 63 X45. Y5.8151 Z-40.5 I0. J-10.005	0:00:00h
H5684 63 X45. Y25.8251 Z-41. I0. J10.005	0:00:00h

Uerkstücke zählen:  ja  nein

Control panel with keyboard and function keys:

- QWERTY keyboard
- Function keys: F1-F12, Home, End, etc.
- Navigation keys: Left, Right, Up, Down, Home, End
- Special keys: NC, Prog, Beeinf, Mit-zeichn, etc.
- Rotary dials for parameter adjustment
- Emergency stop button (red)
- Start button (green)
- DMG logo

4



5



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