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Ref. No.:

741-1011160850

## **Overview and Technical Data:**

# **DECKEL - HSC 55 Linear 5 Axis**

**DMG DECKEL**



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:**





















4



5



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[19 %](#)

Buyers Premium:

[18 %](#)

Location:

Germany

**Images:**















DMG

ERGOline<sup>®</sup>

01/05 STARTkey Info

Operative Mode

Access Level 4

01/06 Service Info

DMG

DATE: 21.06.15

TIME: 09:55:14

24/7

DMG Y1001 SEB3 Berlin

MACHINE No.: 291700001

SUPPORT HOTLINE: +49 (0) 18 85 45 00 22

Key Mode 3 - 01: NORMEN

M AUTO 53 dm 20 H7 schlechten

Lokales Laufwerk/UORK/407023

GILDEMEISTER

DMG 1 DECKEL MAHO 1 GILDEMEISTER

G-Funktionen

Hilfs-funktionen

Basis-sätze

Zeiten / Zähler

Programm-ebenen

Istwerte MKS

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

G55 2

Lokales Laufwerk/UORK/407023

H5677 G3 X45. Y5.8151 Z-37.5 I0. J-10.005

H5678 G3 X45. Y25.8251 Z-38. I0. J10.005

H5679 G3 X45. Y5.8151 Z-38.5 I0. J-10.005

H5680 G3 X45. Y25.8251 Z-39. I0. J10.005

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

H5685 G3 X45. Y5.8151 Z-41.5 I0. J-10.005

Zeiten, Zähler

Programm 0:28:49h

Programmrest ca. 0:00:00h

Uerkstücke zählen nein

99%

DMG

Mit- zeichn.

Prog. Edit





4



5





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Generated on 16.02.2026

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