

## DECKEL-MAHO (DMG)

HSC 55 Linear

Stock no. :1022-2430

### MACHINE-DATA

Machinetype : Machining Center - Universal  
Make : DECKEL-MAHO (DMG)  
Type : HSC 55 Linear  
Year : 2011  
Control type : CNC  
Control : Heidenhain iTNC 530  
Storage location : Deutschland  
Origin : Rumänien  
Delivery time : Short-dated  
Quotation : Ex Works  
Price : on request



### TECHNICAL DATA

x-travel	450 mm
y-travel	580 mm
z-travel	460 mm
Control	Heidenhain iTNC 530

### TECHNICAL DESCRIPTION

*HSC Precision Machining Center HSC 55 linear  
NEW DMG Design*

*Heidenhain iTNC530 3D Control  
SmarT.NC User Interface  
DMG ERGOLine® Control, 19" Screen*

*HSC 55 linear 5-Axis Version  
Rotary Swivel Table  
Clamping Surface 400 x 400 mm  
Swivel Range A-Axis +10/-110 deg.; C-Axis 360 deg.  
Maximum Load Capacity 200 kg, Absolute Measuring Systems*



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*Including Drive Cooling for A and C Axes*

*X = 450 mm, Y = 580 mm, Z = 460 mm*

*80 m/min Rapid Traverse*

*Spindle Speed 20 – 42,000 rpm*

*For HSK-E50 Tool Holder according to DIN 69893*

*AC Main Drive with 13/10 kW (40%/100% ED)*

*Tool magazine with 60 positions*

*Chain magazine with double gripper*

*Active cooling unit for main spindle and linear drives*

*Active cooling unit for control cabinet*

*Direct absolute measuring systems including purge air*

*Coolant/air cooling switch*

*Renishaw laser tool measurement*

*for measuring tool length and diameter*

*incl. calibration mandrel with tool holder*

*3D quickSET*

*Toolkit for checking and correcting*

*the kinematic accuracy of*

*5-axis machine configurations*

*(only in conjunction with optional probe)*

*PP 60 optical infrared probe*

*Electronic handwheel*

*Application Tuning Cycle (ATC) software*

*Selection of the optimal machining mode for the current operation*

*20-position pallet tower storage  
and transfer station*

*Pallet size: UPC 320x320mm*

*Loading door and air supply at the worktable*

*Pallet management via machine control*

*Including UPC-P chuck*

*Four-color indicator light*



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*Air blower through the spindle center,  
selectable via M-function and softkey  
Maintained air with low oil content*

*Dust extraction for graphite*

*Rotating viewing window*

*Operating mode 4  
Process monitoring in production*

*Laminated safety glass window*

## VIDEO-LINKS

## WEB-LINK

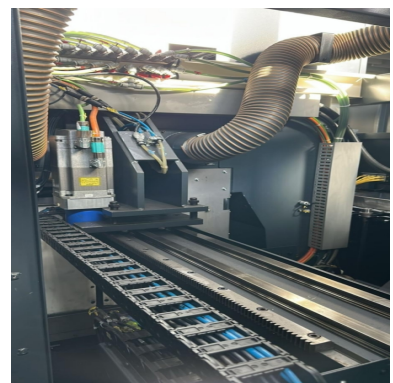
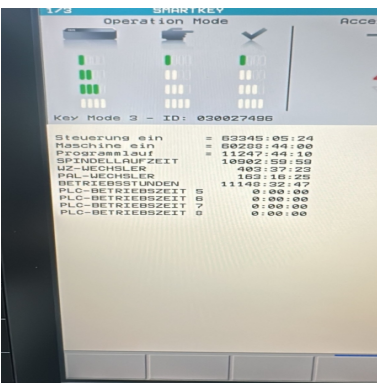
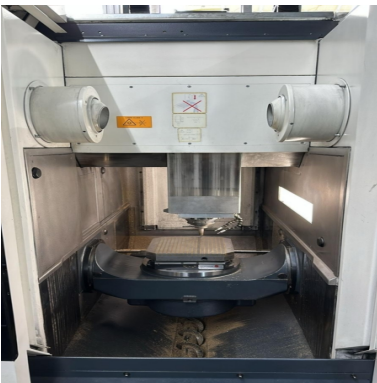
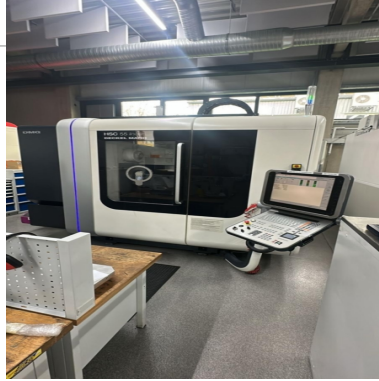
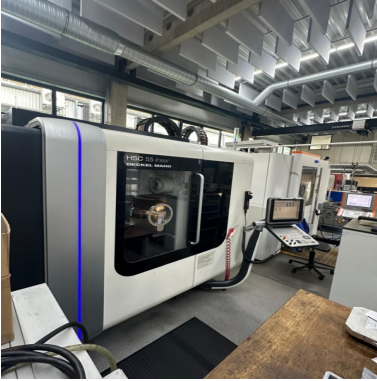
<http://mhp.logotech.de/hpm/v7/Datenblatt/datenblatt.php?machineno=1022-2430>



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Technical details and information subject to amendments and errors.