

SAM 021278**DMG Type DMC 55H duoBLOCK**

Group	Horizontal machining center
Manufacturer	DMG
Type	DMC 55H duoBLOCK
Controller CNC	HEIDENHAIN iTNC 530
Year	2010
Youtube video	https://youtu.be/2hgr1-1Fc1w



Time under power	75886 Heures
Operating time	27052 Heures
Number of axis total	4
Number of spindles	1
Table load max.	500 kg
Longitudinal travel (X-axis)	560 mm
Transversal travel (y-axis)	600 mm
Vertical travel (z axis)	600 mm
Dimension of the workpiece:	
Height	850 mm
Diameter	630 mm
Table divisions (B)	360 °
Resolution	°
Table speed	40 t/min
Holding torque of the table	1580 / 2300 Nm
Torque max.	1550 Nm
Pallets chancing device:	
Length	400 mm
Width	400 mm
Maximum workpiece weight	500 kg
Tool changer:	
Number of tools	120
Tool diameter max.	80 mm
Diameter with free adjacent pockets	160 mm
Tool lenght	400 mm
Max. tool-weight	12 kg
Spindle nose: HSK	63 DIN 69893 Form A
Spindle diameter	225 mm
Spindle speeds:	
stepless	
from	0 t/min
up to	12000 t/min
Torque max.	1550 Nm
Feed range	0 - 60000 mm/min
Rapid traverse:	60 m/min
Max. Feed force	10 N
Voltage 50 Hz 3x	400 Volt
Spindle power	20 kW
Total power required	58 kVA
Machine's weight about	9700 kg



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Overall dimensions machine:

Length	5000 mm
Width	2700 mm
Height	2700 mm

Various accessories:

Loading roboter	KUKA
High pression colant device	
Coolant through spindle (cts)	40 bar
Spindle blow out device	
Tracer, feeler	
Chip conveyor	
Pallet rack	
Set-up place (number)	60 (3x20)
Lamp	
Rinsing Guns	
Rotating viewing window	
Switch cabinet Air conditioner	
Foot pedal	
Status light	
Spindle changed	2017











