

SAM 023101**MAZAK Type HCN 6800**

Group	Horizontal machining center
Manufacturer	MAZAK
Type	HCN 6800
Controller CNC	MAZATROL SMOOTH G
Year	2016
Youtube video	https://www.youtube.com/watch?v=2dRUZzLN-0U



Number of tables	2
Longitudinal travel (X-axis)	1050 mm
Transversal travel (y-axis)	900 mm
Vertical travel (z axis)	980 mm
Dimension of the workpiece:	
Height	1300 mm
Diameter	1050 mm
Table load max.	1500 kg
Table divisions (B)	0.001 °
Pallets changing device:	
numbers	2
Length	630 mm
Width	630 mm
Tool magazine number of tool places	120
Tool diameter max.	125 mm
Diameter with free adjacent pockets	250 mm
Tool length	630 mm
Max. tool-weight	30 kg
Spindle nose: ISO	50
Distance spindle nose to table	100 - 1000 mm
Spindle speeds:	
stepless	
from	0 t/min
up to	10000 t/min
Torque max.	350 Nm
Rapid traverse:	60 m/min
Voltage 50 Hz 3x	400 Volt
Spindle power	30 / 37 kW
Machine's weight about	21500 kg
Length	6900 mm
Width	4210 mm
Height	3400 mm

Various accessories:

High pressure coolant device	50 bar
Tool setter Renishaw	
Touch Probe Renishaw	
Chip conveyor	
Handwheel electronic	









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