

Model	HMC-630(#50)	
X-axis Travel	mm	1050
Y-axis Travel	mm	800
Z-axis Travel	mm	880
Distance from spindle center to table surface	mm	100-900
Distance from spindle nose to table center	mm	150-1030
Table Dimension	mm	630x630
Number of table		2
Loading capability	kg	1200 (Uniform load)
Working dimension (diameter/ height)	mm	Ø1050/1000
Table(Pallet) top surface configuration		24-M16
Minimum index division of table (pallet)	degree	0.001° (*1°)
Table (Pallet) indexing time (0~90°)	sec	2.5
Spindle speed	rpm	6,000 Direct-driven (*10,000 Built-in)
Number of spindle speed change steps		2 steps (MS)
Spindle main bearing bore diameter	mm	Ø100
Rapid travel rate (X,Y, Z)	m/min	24 (*48)
Cutting speed rate(X,Y, Z)	m/min	10
Spindle Nose		No.50 7/24 taper
Type of tool shank		BT-50/CAT-50
Magazine capacity		40 (*60,*90,*120)
Max. tool diameter	mm	Ø125
Max. tool diameter (without adjacent tools)	mm	Ø250
Max. tool length	mm	400
Max. tool weight	kg	20
Tool selection method		Shortest distance, absolutely method
Tool change time (tool to tool)	sec	3 (*1.8)
Tool change time (chip to chip)	sec	8 (*4.0)
Pallet change method		Direct turn method
Pallet change time (APC only)	sec	15 (*11)
Spindle motor (30min/continuous)	kW	(6,000 rpm) 15/18.5
	kW	(*10,000 rpm) 25/30
Feed motor (X)	kW	7.0
Feed motor (Y)	kW	6.0
Feed motor (Z)	kW	7.0
Feed motor (B)	kW	4.0
Hydraulic pump motor	kW	3.75
Motor for spindle feed system oil cooler(compression/discharge)	kW	2.3/0.75
Coolant pump motor	kW	0.2x1, 0.4x2
Power supply AC200V / 220V	kVA	45 (*55)
Compressed air supply	MPa, #/min	0.4~0.6, 500
Hydraulic unit tank capacity	l	120
Spindle feed system cooling oil tank capacity	l	36
Coolant tank capacity	l	400
Controller model	ST.	Fanuc 0iC, Mitsubishi M64
	OP.	Fanuc 18iM, Mitsubishi M65
Floor area	mm ²	4,550x7,560
Machine height	mm	3,480
Machine net weight	kg	19,000

(*Option) The above specifications are subject to change without notice.