

Specification	Unit	DGM1320		DGM1620	
		FANUC 0i-MF(1)	SIEMENS 828D	FANUC 0i-MF(1)	SIEMENS 828D
Travel					
X Axis travel	mm	2100		2100	
Y Axis travel	mm	1620 (Including 220 tool change stroke)		1920 (Including 220 tool change stroke)	
Z Axis travel	mm	800		800 (Opt:1000)	
Spindle nose to table surface	mm	200 ~ 1000		200 ~ 1000 (Opt:1200)	
Distance between two columns	mm	1500		1800	
Table					
Table work area(L×W)	mm	2000×1300		2000×1600	
Max table load	kg	5000		8000	
T-slots (numbers*width* centre distance)		7×22×160		9×22×160	
Spindle					
Spindle taper		BT 50 (7:24)		BT 50 (7:24)	
Speed ratio of spindle speed reducer		1:1/1:5.5		1:1/1:5.5	
Max. spindle speed	r/min	6000		6000	
Rated/Max torque of spindle	Nm	525/649	525/630	525/649	525/630
Spindle motor power	kW	15/18.5	15/18	15/18.5	15/18
Accuracy					
Positioning accuracy	X	mm	0.022		0.022
	Y	mm	0.022		0.022
	Z	mm	0.017		0.017
Repeatability accuracy	X	mm	0.010		0.010
	Y	mm	0.010		0.010
	Z	mm	0.007		0.007
Feedrate					
Cutting feed rate	mm/min	1~5000		1~5000	
Rapid traverse of X/Y/Z axis	m/min	24/24/16		24/24/16	
ATC (Opt.)					
Tool magazine capacity/ type		24T Disc/40T Chain		24T Disc/40T Chain	
Tool shank/retention knob type		BT-50/MAS P50T-1(45°)		BT-50/MAS P50T-1(45°)	
Max. tool diameter (w/o adjacent tools)	mm	∅ 125/ ∅ 225		∅ 125/ ∅ 225	
Max. tool length	mm	300		300	
Max. tool weight	kg	20		20	
Tool change time (T-T)	s	5		5	
General					
Machine dimension (L×W×H)	mm	6600×4300×4600		6600×4600×4600(Opt:5000)	
Machine weight	kg	20000		25000	