



Machine tool specifications

		DH-512	DH-820	DH-P26
Maximum machining diameter		12mm Dia.	20mm Dia.	26mm Dia.
Maximum machining length	Guide-bushing	60mm	190mm	50mm
	Guide-bushing-less	2.5D W.O Bar Feeder	2.5D W.O Bar Feeder	2.5D W.O Bar Feeder
Maximum drilling diameter for main spindle		5mm Dia.	10mm Dia.	10mm Dia.
Maximum tapping diameter for main spindle		M5	M8	M8
Spindle speed		Max.10,000min ⁻¹	Max.10,000min ⁻¹	Max.10,000min ⁻¹
Maximum drilling diameter for rotary tool		5mm Dia.ER4	7mm Dia.ER4	7mm Dia. ER4
Maximum tapping diameter for rotary tool		M4	M6	M6
Spindle speed of the gang rotary tool		Max.8,000min ⁻¹	Max.8,000min ⁻¹	Max.8,000min ⁻¹
Maximum chuck diameter of back spindle		12mm Dia.	20mm Dia.	26mm Dia.
Maximum protrusion length of the back spindle workpiece		30mm	50mm	65mm
Maximum drilling diameter in back machining process		5mm Dia.	8mm Dia.	8mm Dia.
Maximum tapping diameter in back machining process		M5	M6	M5
Back spindle speed		Max.12,000min ⁻¹	Max.10,000min ⁻¹	Max.12,000min ⁻¹
Number of tools to be mounted		21	22	6/6
Tool size	Turning tool	12X12mm Sq	12X12mm Sq	12X12mm Sq
Rapid feed rate	X1 axis	18m/min	24m/min	30m/min
	X2 axis	24m/min	30m/min	30m/min
	Y1 axis	24m/min	30m/min	30m/min
	Y2 axis	-	-	-
	Z1 axis	24m/min	30m/min	30m/min
	Z2 axis	24m/min	30m/min	30m/min
Motors	For spindle drive	2.0/2.2kW	2.5/3.7kW	2.5/3.7kW
	For tool spindle drive	-	1kW	1kW
	For back spindle drive	2.0/2.2kW	2.5/3.7kW	2.5/3.7kW
	For cutting coolant oil	0.1kW	0.1kW	0.1kW
Input Power		7kW	9.6kW	9.3kW
Spindle Center height		1,000mm	1,060mm	1060mm
Overall size		1950X1100X1700mm	2250X1200X2000mm	1950X1100X1700mm
Weight		1500kg	2600kg	1500kg
Control System		FANUC/SYNTEC		