

Item			Unit	VTC-800/20SR	VTC-800/30SR	
Capacity	Table working area	Right and left	mm	2500	3500	
		Back and forth	mm	820		
	Saddle right-and-left stroke	X-axis	mm	2000	3000	
	Column back-and-forth stroke	Y-axis	mm	800 [+ 90 ATC stroke]		
	Spindle head up-and-down stroke	Z-axis	mm	720		
	Spindle head rotation	B-axis	Deg.	±110		
	Rotary table (option)	C-axis	Deg.	360		
	Distance from the spindle nose to the top of table	Min.	mm	140		
		Max.	mm	860		
	Distance from the center of spindle to the front face of cover			mm	115 to 915	
Max. allowable table load mass			kg	1700	2500	
Spindle	Spindle nose type		-	7/24 taper, No. 40 / [1/10 taper, HSK-A63]		
	Standard specifications	Spindle speed		min <sup>-1</sup>	35 to 18000	
		Main motor (AC inverter motor)	50% ED	kW	35	
			Continuous rating	kW	26	
Feedrate	Rapid traverse rate	X-axis	m/min	50		
		Y-axis	m/min	50		
		Z-axis	m/min	50		
		B-axis	min <sup>-1</sup>	50		
		C-axis (option)	min <sup>-1</sup>	25		
	Cutting feedrate		mm/min	1 to 8000 [standard]		
				1 to 50000 [optional]		
Table	Table working area	Right and left	mm	2500	3500	
		Back and forth	mm	820		
	T-slot	Nominal size (ISO R299)		mm	18	
		Number of slots		-	7	
		Interval of slots		mm	100	
	Max. table load mass			kg	1700	2500
Distance from the bottom of machine to the top of table			mm	870		
ATC, tool magazine	Tool storage capacity (magazine)		-	30 tools [standard]		
				48 tools [optional]		
	Tool storage capacity (Tool Hive)		-	155 tools [optional]		
	Tool selection system		-	MAZATROL memory random mode		
	Tool shank type		-	CAT-40 / MAS BT-40 / HSK-A63		
	Max. tool diameter	with adjacent tools	mm	φ80		
		without adjacent tools	mm	φ130		
	Max. tool weight (including tool shank and pull stud bolt)		kg	8		
	Max. tool storage capacity of magazine		kg	150		
	Max. tool length (from gauge line)		mm	350		
	Tool change time (chip-to-chip from 1000 min <sup>-1</sup> ) (* with Tool Hive option)		sec	4.7 (9.4*)		
Tool change time (tool-to-tool)		sec	1.5			