

MACHINE SPECIFICATIONS

TCK1000 series

Description			Unit	TCK1000				
Capacity	Swing over bed		mm	Φ 1030				
	Swing over saddle		mm	Φ 1000				
	Chuck size		inch	18/21/24/32				
Travels	X-axis		mm	500				
	Y-axis		mm	±100				
	Z-axis		mm	1000/1500/2000/3000/4000/5000				
Feedrates	Rapid traverse rate	X-axis	mm/min	16				
		Y-axis	mm/min	10				
		Z-axis	mm/min	16				
Main Spindle	Main spindle motor power		KW	55 {75}				
	Spindle Ratio		/	1:3				
	Spindle Ratio optional gearbox		/	1:8				
	Through hole of main spindle		mm	Φ132	Φ181	Φ220	Φ320	Φ375
	Bar through diameter		mm	120	166	220	320	375
	Spindle bearing diameter (Front)		mm	Φ132 280	Φ181 360	Φ220 420	Φ320 /	Φ375 /
Turret	No. of tool stations		ea	12				
	OD tool size		mm	32X32				
	Max. boring bar size		mm	50				
	Turret indexing time (1 station swivel)		s	0.5				
	Max. rotary tool speed		r/min	BMT85 (1500)				
	Rotary tool motor power		KW	11				
Tailstock	Tail stock travel		mm	1100/1600/2100/3100/4100/5100				
	sleeve diameter		mm	180				
	Travel of sleeve		mm	200				
	sleeve bore taper		MT	MT6				