

MACHINE SPECIFICATIONS

TCK700 series

Description			Unit	TCK700		TCK800		
Capacity	Swing over bed		mm	Φ 780		Φ 850		
	Swing over saddle		mm	Φ 500		Φ 630		
	Chuck size		inch	12/15/18/21/24				
Travels	X-axis		mm	350				
	Y-axis		mm	±75				
	Z-axis		mm	1000/1500/2000/3000/4000/5000				
Feedrates	Rapid traverse rate	X-axis	m/min	16				
		Y-axis	m/min	10				
		Z-axis	m/min	16				
Main Spindle	Main spindle motor power		KW	22 {30}				
	Spindle nose		ASA	A2-8	A2-11	A2-11	A2-15	
	Through hole of main spindle		mm	Φ86	Φ105	Φ132	Φ181	Φ220
	Bar capacity		mm	75	90	120	166	220
	Spindle bearing diameter (Front)		mm	180	240	280	360	420
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	BMT65 (4000)				
	Rotary tool motor power		KW	5.5/7.5				
Tailstock	Tail stock travel		mm	1100/1600/2100/3100/4100/5100				
	Sleeve diameter		mm	150/160				
	Travel of sleeve		mm	180				
	Sleeve bore taper		MT	MT5/MT6				