

CNC Vertical Lathe



Specification	Unit	Model		
		TV450-L	TV500-SL	TV600-L
swing over bed	mm	600	600	700
Maximum turning diameter	mm	450	500	600
Maximum Turning Height	mm	550	600	550
Machining length Bore	mm	280	280	280
spindle bore	mm	45	66	80
Spindle Nose	-	A2-8	A2-8	A2-11
Maximum spindle speed	r/min	100-1000	100-2500	100-500
Chuck Size	mm	380	300	530
Turret Type		100-12 Servo	100-12 Servo	125-12 Servo
Tool Holder	mm	□25*25	□32*32	□32*32
Boring bar diameter	mm	Ø40	Ø40	Ø50
Guide rail X / Z	mm	LM/LM	LM/LM	LM/LM
Maximum stroke of X / Z-axis	mm	310/ 650	350 / 600	610/650
Rapid Feed X-axis/Z-axis	mm/min	12 / 12	20/20	12/12
Position Accuracy	mm	0.006	0.006	0.006
Repeatability	mm	0.008	0.008	0.008
System	-	DD2100-TD	DD2100-TD/Fanuc	DD2100-TD
Spindle motor power	kw	15	15/18.5	15
Drive motor torque X / Z-axis	Nm	18 / 18	18 / 18	27/27
Total Power	Hp	25	25	47
Chip Conveyor		Chain Type	Chain Type	Chain Type
Net weight (approximately)	Kg	5000	7500	7000
Machine dimensions (L X W X H)	mm	1980*1650*2950	1800*3000*2800	2300*1800*3060