

SPECIFICATIONS	Unit	VTL-600 T	VTL-750 T	VTL-900 T	VTL-1100 T
Table Diameter	mm/ Inch	380/15"	460/18"	610/24"	800/32"
Max. Turning Diameter	mm/ Inch	600/23.6	φ 750	φ 900	φ 1100
Max. Swing	mm/ Inch	700/27.56	900	1,000	1,300
Swing over waycover	mm/ Inch	380	610	700	900
Recom. turning diameter	mm/ Inch	380	610	700	900
Max. Turning Height	mm/ inch	400/15.7"	760 / 30"	850/33.46"	1000 / 39.37"
Max. Mass of Workpiece	kg/ Lbs	750/1650	1,500	2,000	2,500/5,500
Max. Torque of Table	NM/ lbs-ft	1921 (1=6.33)	2557(1=8.4)	3540(1=12)	8190(1=18)
Max. Cutting Force	N / Lb	10,110	11,120	11,606	20,475
X axis Stroke	mm/ inch	-45/ + 350	450	550	-25/ + 575
X axis ballscrew diameter	mm/ inch	50XP12 / 2XP0.5	50XP12 / 2XP0.5	50XP12 / 2XP0.5	50XP12 / 2XP0.5
Z axis Stroke	mm/ inch	400/15.7"	760 / 30"	850/33.46"	1000 / 39.37"
Z axis ballscrew diameter	mm/ inch	50XP10 / 2XP0.39	50XP10 / 2XP0.39	50XP10 / 2XP0.39	50XP10 / 2XP0.39
Turret Type		BMT65 / VDI40	BMT75 / VDI60	BMT85	BMT85
Number of tool station	pcs	12	12	12	12
Tool Size	mm/ inch	25/1"		32/1.26"	32/1.26"
Live Spindle Speed	rpm	4000	3000	3000	3000
Max. Tap Diameter	mm/ inch	M18/0.7 (Carbon Steel Workpiece)	M20/0.8 (Carbon Steel Workpiece)	M24/1.0 (Carbon Steel Workpiece)	M24/1.0 (Carbon Steel Workpiece)
Spindle	type	A2-8	A2-11	A2-15	A2-15
Table Speed(2 steps)	rpm	1-1120, 900-2500	1-550, 500-2000	1-240, 225-1800	1-180, 175-850
Rapid traverse (X axis)	mm/min	24,000	20,000	18,000	12,000
	inch/min	945			472
Rapid traverse (Z axis)	mm/min	7,500	7,500	7,500	7,500
	inch/min	295	295	295	295
Table Main Motor	kw	37/30(a30)	37/30(a30)	45/37(a40)	55/45(a50)
	HP	50/40	50/40	60/50	75/60
X axis Servo Motor	Kw/HP	4.0/5.4(a22)	4.0/5.4(a22)	4.0/5.4(a22)	7.0/9.3(a30)
Z axis Servo Motor	Kw/HP	7.0/9.3(a30)	7.0/9.3(a30)	7.0/9.3(a30)	7.0/9.3(a30)
Turret Motor	Kw/HP	7.5/5.5(a3)	11/15(a8)	11/15(a8)	11/15(a8)
Hydraulic Motor	kw	2.2	3.75	3.75	3.75
Lube. Motor	kw	0.75	0.75	0.75	0.75
	HP	1	1	1	1
Total Power Capacity	KVA	70 KAV		85 KAV	100 KAV
Machine Weight	kg/ Lbs.	9,590/21,098	11,000/24,200	15,000/33,000	18,500/40,700