



Machine tool specifications

Item	Unit	VTL600	VTL800	VTL1000
X/Z axis travel	mm	550 750	600 800	650 800
Rapid feed speed	m/min	12 10	12 10	12 12
Spindle speed	r/min	50-500	50-500	50-500
Spindle taper	type	CJL320	CJL340	CJL390
Turret		8/12 station servo cutter tower	8/12station servo cutter tower	8/12 station servo cutter tower
Spindle servo motor power	kw	22	30	37
Spindle double-speed reducer		1:3	1:3	1:3
X/Z axis servo motor power	kw	3.5/4.7	3.5/4.7	3.5/4.7
Control syetem		FANUC/SIEMENS		
Positioning accuracy	mm	X 0.035 0.01/20.040 0.015	X 0.035 0.01/20.040 0.015	X 0.035 0.01/20.040 0.015
Repeated accuracy	mm	X 0.0075 0.006/20.015 0.008	X 0.0075 0.006/20.015 0.008	X 0.0075 0.006/20.015 0.008
Air source pressure	mpa	0.6-0.8	0.6-0.8	0.6-0.8
Max Swing dia over bed	mm	Φ 900	Φ 1100	Φ 1250
Max Swing dia over carriage	mm	Φ 600	Φ 750	Φ 800
Maximum turning height	mm	750	800	800
Chuck diameter	mm	Φ 530	Φ 530	Φ 610
Hydraulic cylinder		200	200	200
Overall dimension(LxWxH)	mm	3900x2250x4100	3900x2350x4200	4000x2550x4200
Weight(about)	t	9.2	10.8	12