

Specification	Unit	VDL600A	VDL850A	VDL1000	VDL1300	VDL1200
Table						
Worktable size(L×W)	mm	800×420	1000×500	1120×560	1300×560	1220×620
Max. load	kg	500	500	750	750	1200
T-slots (numbers*width* centre distance)	mm	3×18×125	5×18×100	5×18×100	5×18×100	5×18×100
Travel						
X/Y/Z Axis travel	mm	620/440/540	860/510/560	1040/580/620	1290/580/620	1220/620/685
X/Y/Z Axis guide way type		Linear guideway	Linear guideway	X/Y Linear guideway Z Box way	X/Y Linear guideway Z Box way	X/Y Linear guideway Z Box way
Distance from spindle center to column	mm	546	607	629	629	660
Distance from spindle nose to table	mm	140~680	145~705	125~745	125~745	95~780
Feedrate						
Rapid traverse of X/Y/Z axis	m/min	36/36/30	36/36/30	24/24/18 (Opt:36/36/18)	24/24/18	24/24/18
Cutting feed rate	mm/min	0~10000	0~10000	0~10000	0~10000	0~10000
Spindle						
Spindle motor power	kW	7.5/11	7.5/11	11/15	11/15	11/15
Max. spindle speed	r/min	8000(Opt:10000)*	8000(Opt:10000)*	8000(Opt:10000)*	8000(Opt:10000)*	6000
Spindle taper		No.40(7:24)	No.40(7:24)	No.40(7:24)	No.40(7:24)	No.50(7:24)
ATC						
Tool magazine capacity		24T/Arm (Opt:16T/umbrella)	24T/Arm (Opt:20T/umbrella)	24T/Arm (Opt:20T/umbrella)	24T/Arm (Opt:20T/umbrella)	24T/Arm
Tool shank type		BT40	BT40	BT40	BT40	BT50
Max. tool weight	kg	8	8	8	8	15
Max. tool diameter (w/o adjacent tools)	mm	24T:Φ78/155 (16T:Φ100/Φ130)	24T: Φ78/155 (20T:Φ100/Φ130)	24T: Φ78/155 (20T:Φ100/Φ130)	24T: Φ78/155 (20T:Φ100/Φ130)	24T:Φ125/250
Tool change time (T-T)	S	24T:2.5 16T:5~8	24T:2.5 20T:5~8	24T:2.5 20T:5~8	24T:2.5 20T:5~8	24T:3.5
Accuracy						
X/Y/Z axis positioning accuracy	mm	0.008/0.008/0.008	0.008/0.008/0.008	0.016/0.008/0.008	0.019/0.008/0.008	0.016/0.008/0.008
X/Y/Z axis repeatability accuracy	mm	0.005/0.005/0.005	0.005/0.005/0.005	0.006/0.005/0.005	0.008/0.005/0.005	0.006/0.005/0.005
CNC controller						
CNC controller		FANUC 0i-MF(5)	FANUC 0i-MF(5)	FANUC 0i-MF(5)	FANUC 0i-MF(5)	FANUC 0i-MF(1)
General						
Machine dimensions(L×W×H)	mm	2413×2451×2549	2496×2530×2679	2800×2671×2760	3100×2671×2760	2993×2705×2888
Machine weight	kg	4600	5600	7000	7200	8500

*8000rpm(Toothed belt drive),10000rpm(direct drive)