

Technical Parameter

Item		Unit	VL1100D	VL1400D	VL1600D
Standard controller			FANUC 0i-MF plus absolute type 1 10.4" LCD Step 2 Absolute Model 3A System		
Travel	X axis travel(work-table)	mm	1100	1400	1600
	Y axis travel(saddle)	mm	600	760	
	Z axis travel(spindle head)	mm	600	760	
Work table	Table size(length×width)	mm	1280x600	1600x760	1800x760
Spindle	Spindle taper		BBT50		
	Max. spindle speed	rpm	6000 (Direct driven)		
	Spindle motor power (continual working/Max.)	kW	15/20.4		
	Spindle torque (continual working/Max.)	N.m	143/259		
Machine size (L/W/H)		mm	4200x3510x2850	4500x4300x3350	
Machine weight		kg	7800	12500	13500

We reserve the right to change technical parameters for improvement of our products without giving notice to customers.

Configuration Table

Standard&Option	VL1100D	VL1400D	VL1600D
FANUC 0i-MF Plus absolute type 1 10.4" LCD Step 2 Absolute Model 3A System	●	●	●
FANUC 0i-MF Plus absolute type 0 15" LCD	○	○	○
Mitsubishi M80A 15" touch type LCD	○	○	○
SIEMENS 828D 10.4" LCD	○	○	○
Spindle 6000rpm	●	●	●
Spindle 8000rpm	○	○	○
Column raise 200/300	○	○	○
Arm type ATC 24T	●	●	●
Arm type ATC 30T	○	○	○
Chain type ATC 32T/40T	○	○	○
GTP gear box	○	○	○
Rigid tapping	●	●	●

VL-D SERIES



Full-enclosed splash guard	●	●	●
Spindle chiller	●	●	●
Spindle air sealing	●	●	●
Air blowing device	●	●	●
Working area light	●	●	●
3 colors warning light	●	●	●
Heat exchanger in electrical cabinet	●	●	●
Portable MPG	●	●	●
Coolant system	●	●	●
Oil lubrication device	●	●	●
Pneumatic system	●	●	●
Chain chip conveyor	●	●	●
Coil chip conveyor	○	●	●
Air gun	●	●	●
Water gun with flushing function	●	●	●
Oil and water separator box	●	●	●
Automatically power off	●	●	●

VL-D SERIES



Transformer	●	●	●
Tool kit	●	●	●
Adjustable level bolts and foundation blocks	●	●	●
Safety door interlock	●	●	●
Operation manual	●	●	●
Coolant surrounding spindle	●	●	●
Drawer type water tank	○	○	○
Mass flow chip flushing function(Including top spray)	○	○	○
Oil skimmer(Japan)	○	○	○
Automatic door	○	○	○
Coolant through spindle center 20/30/50/70 bar	○	○	○
A/C for electric cabinet	○	○	○
Buzzer alarm lamp	○	○	○
Voltage stabilizer	○	○	○
Smart spindle temperature compensation(FANUC)	○	○	○

VL-D SERIES



Absolute linear scale(FAGOR)	○	○	○
Iron box package	○	○	○
Warranty prolong 1 year	○	○	○
Water tank with level detection	●	●	●

●Standard ○Optional xNot available