

Technical Parameter

Item		Unit	VL700A	VL860A	VL1100A	VL1400A	VL1600A
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	700	860	1100	1400	1600
	Y axis travel(saddle)	mm	420	500	600	760	
	Z axis travel(spindle head)	mm	500		600	760	
Work table	Table size(length×width)	mm	800x420	1100x500	1280x600	1600x760	1800x760
Spindle	Spindle taper		BBT40				
	Max. spindle speed	rpm	10000 (Direct driven)				
	Spindle motor power (continual working/Max.)	kW	11/20.4				
	Spindle torque	N.m	52.5/130				
Machine size (L/W/H)		mm	3650x2900x2700	3900x3500x2730	4200x3510x2850	4500x4300x3350	4500x4300x3350
Machine weight		kg	4800	5800	7500	12200	13200

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

Configuration Table

Standard&Option	VL700A	VL860A	VL1100A	VL1400A	VL1600A
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 10000rpm	●	●	●	●	●
spindte 15000rpm/20000rpm	○	○	x	x	x
12000rpm	○	○	○	○	○
Column raise 200/300	○ (160)	○ (160)	○	○	○
Arm type ATC 24T	●	●	●	●	●
Arm type ATC 32T	○	○	○	○	○
Chain type ATC 32T/40T	x	x	○	○	○
GTP gear box	x	x	○	○	○
Rigid tapping	●	●	●	●	●

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-A 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)	○	○	○	○	○
Absolute linear scale (FAGOR)	○	○	○	○	○

VL-A SERIES



Iron box package	○	○	○	○	○
Warranty prolong 1 year	○	○	○	○	○
Water tank with level detection	●	●	●	●	●

●Standard ○Optional xNot available