ITEM	VL-V8	VL-V11
Travel		
X - Axis Travel	800mm	1100mm
Y - Axis Travel	500mm	600mm
Z - Axis Travel	500mm	600mm
Spindle Nose To Table	120-620mm	120-720mm
Spindle Center To Z - Rail	525mm	650mm
Table		
Table Size	900mmX420mm	1200mmX600mm
T - Slot (number*width*pitch)	3X14mmX100mm	5X18mmX100mm
Maximum Table Load	400kg	800kg
Spindle		
Spindle Taper	BT-40	
Type Of Driving	Belt Type	
Spindle RPM	50-10000 rpm	
Feed Rate		
X. Y Axis Rapid Feed Rate	36m/min	
Z Axis Rapid Feed Rate	36m/min	
X. Y. Z Max.Cutting Feed Rate	10m/min	
Automatic Tool Changer(ATC)		
Armless Type (Tool to Tool)	16T	
Arm Type (Tool to Tool)	24T	
Max. Tool Diameter*Adjacent (with neighbor)	Φ150X300mm (Φ78 X 300mm)	
Max. Tool Weight	8 kg	

Motors	MITSUBISHI	FANUC	MITSUBISHI	FANUC
Spindle Motor (RATED / MAX)	5.5kW/7.5kW	7.5kW/11kW	7.5kW/11kW	11kW/15kW
X. Y Axis Servo Motor	1.5kW	1.8kW	2.0kW	3.0kW
Z Axis Servo Motor	3.0kW BS	3.0kW BS	3.0kW BS	3.0kW BS
Machine Accuracy				
Positioning Accuracy (JIS)	± 0.005mm / 300mm			
Repeat Poitioning Accuracy (JIS)	± 0.003mm			
Other				
Approximate Weight	4500 KG		6800 KG	
Floor Space Measurement (JIS)	2280mm X 2800mm X 2590mm		3380mm X 3440mm X 2800mm	

Standard Features

- BT-40 Belt Type Spindle 10000rpm
- Air blast through spindle
- Work lamp
- three color light
- Auto power off
- Auto lubrication system
- Rigid tapping
- RS232 interface
- CF card interface
- Remote manual pulse generator
- Heat exchanger for control cabinet
- High pressure water & air gun
- Chip flush
- Full splash guard
- Operation & Procedure Manuals
- Machine manual
- Leveling pads & bolts
- Tool box & Tool

Optional Features

- 4th Axis (Ø125/170/210)
- Spindle coolant system
- Spindle coolant ring system
- Tool length measurement system
- Geneva Type ATC (16T)
- Arm type ATC (24T)
- Chain type conveyor with car



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VL-V8
CNC Vertical
Machining Center

CNC Vertical Machining Center

Metal Prodution Expert

V SERIES

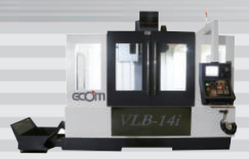
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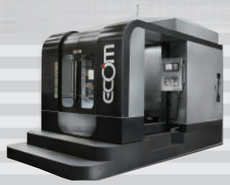
Vertical Tapping Center



Vertical Machining Center (i series)



Vertical Machining Center (BT50 series)


Horizontal Machining Center


Double Column Machining Center

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ECOM TAIWAN

TEL : +886-4-7389907
FAX : +886-4-7382139
ADD : No.563, Sec. 3, Zhongshan Rd., Changhua City, 500, Taiwan
E-mail : info@ecomcnc.com

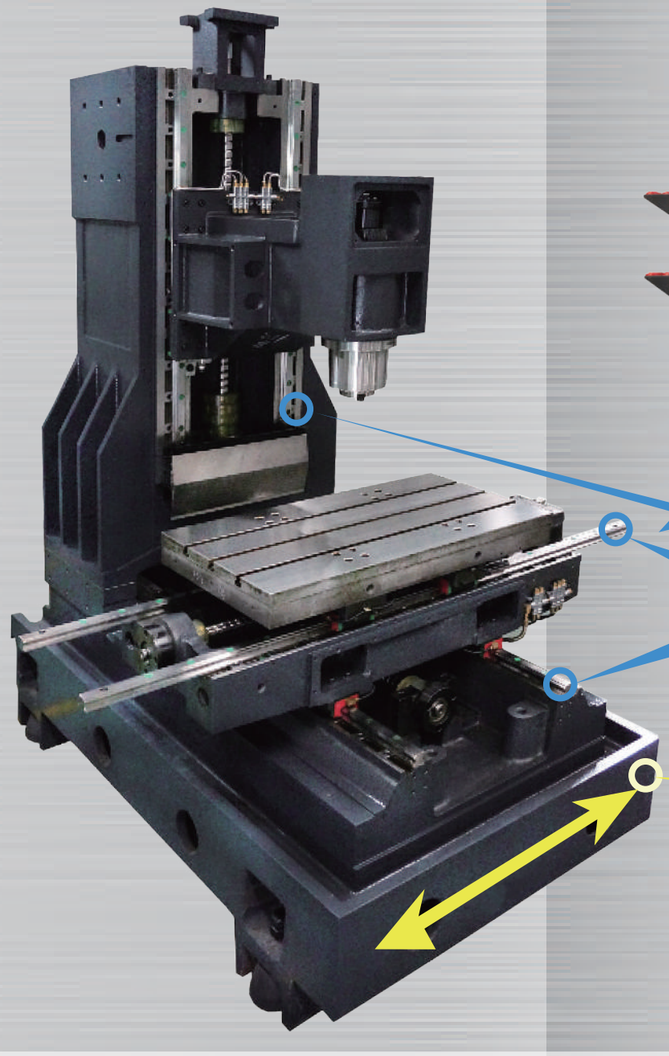
ECOM CHINA

TEL : +86-596-7672668
FAX : +86-596-7672636
ADD : No.87, Qiaodong Rd., Fengtian Town, Nanjing County, Zhangzhou City, Fujian Province, China
E-mail : ecomcnc@hotmail.com

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Machine Features

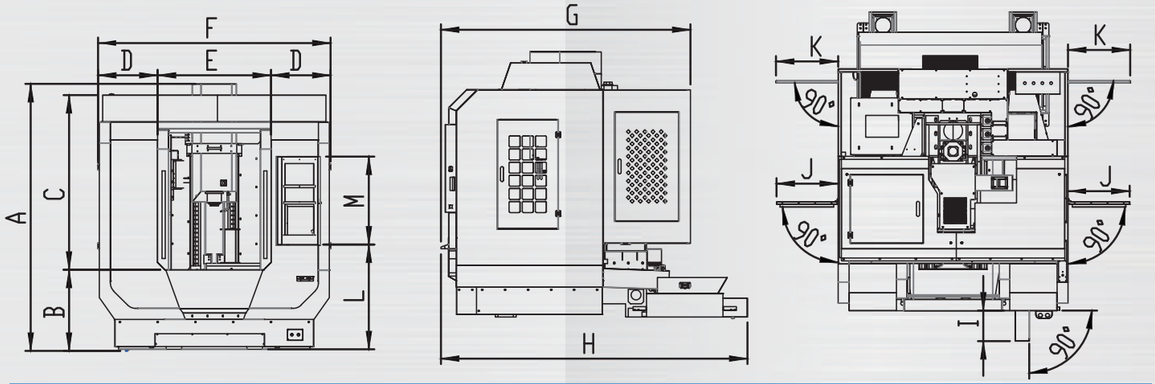
VL-V8





Roller type linear guide ways on 3-Axis.

One-Piece casting structure to reduce and minimize the vibration effect.
The high degree of flexural rigidity to withstand the inertia generated by high G motion

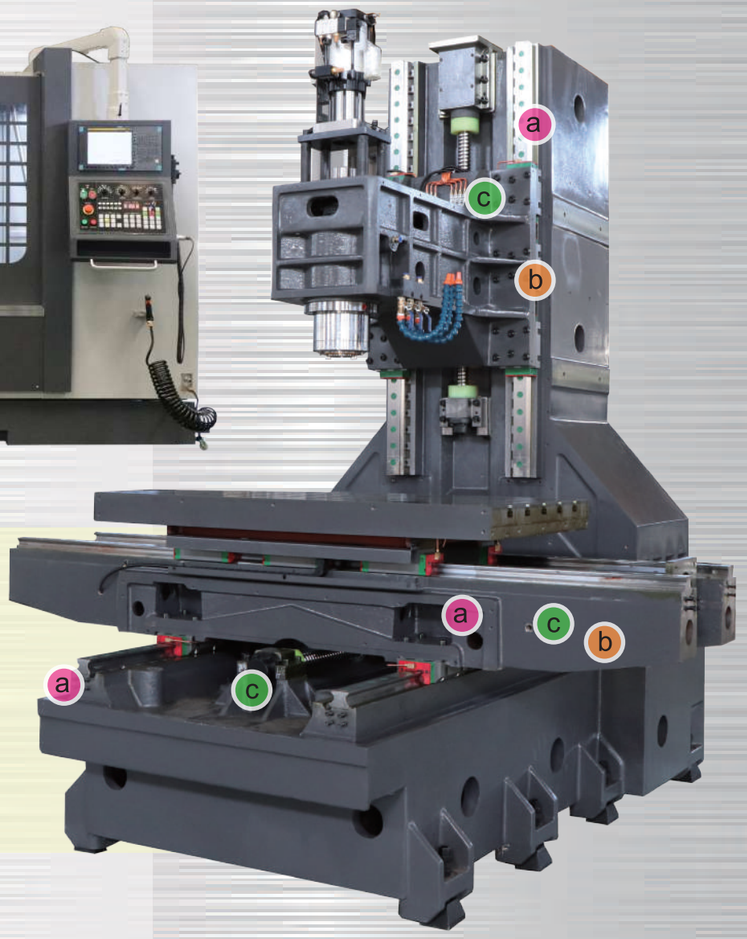


Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
VL-V8	2380	725	1350	535	1035	2100	2280	2830	280	565	570	290	470	450	380

Machine Features

VL-V11

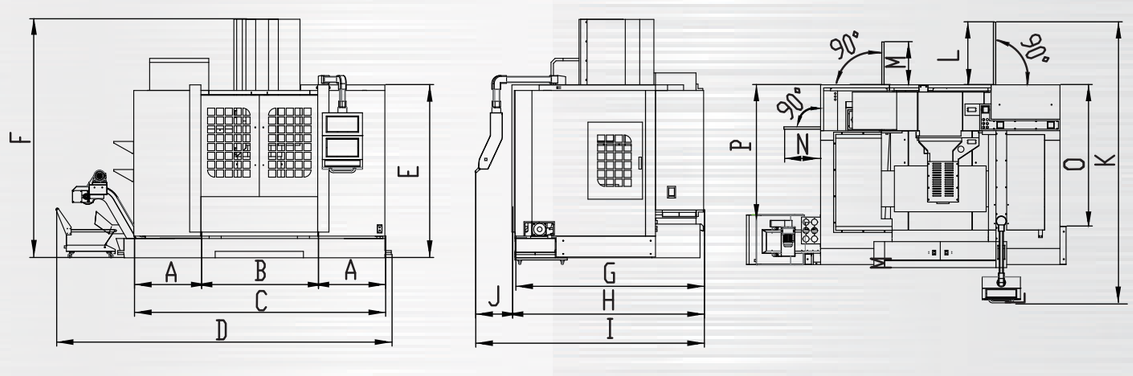




a Roller type linear guide ways on 3-Axis.

b 6 Heavy-Duty roller blocks on X/Z-axis.

c 3-Axis design with precision ψ40 ballscrew



Model	Unit	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
VL-V11	mm	840	1455	3135	4185	2155	2975	2350	2390	2850	460	3675	820	560	480	1850	1700