



## V10 / V12

bigger dimensions With a working area up to 1200 x 600 x 650 mm, the vertical machining centre is designed to work on medium or big workpieces.

The major parts on this series are constructed of high-quality robust FC30meehanite castings. 3 axes equipped with 40mm diameter C3 class high precision ballscrews, mounted with double ballscrew support bearings ( P4 class), ensure high positioning accuracy and durability.

### Specification

Machine Type	V10	V12
Spindle Speed	250-10000rpm	
Spindle Type	BT-40	
Spindle Shaft Hardness	HRC58-62 °	
Spindle Orientation	Encoder	
Spindle Power	7.5KW Servo Spindle Motor	7.5KW Servo Spindle Motor
Clamping Force	350-400KG	
Table Dimension	1200mm x 500mm	1300mm x 600mm
Work area	1000mm x 500mm	1200mm x 600mm
Max. Loading Capacity	750Kg	1000Kg
Spindle Nose to Table	100mm-670mm	80mm-770mm
Spindle Center to Colum	550mm	650mm
Table Surface to Floor	1000mm	1050mm
T-Slot	16mm x 100mm x 4	18mm x 100mm x 5
X / Y / Z axis Travel	1000mm / 500mm / 570mm	1200mm / 600mm / 610mm
X / Y / Z axis Rapid Speed	30M/min	24M/min
X / Y / Z axis Servo motor	Mitsubishi AC Servo2.0KW	Mitsubishi AC Servo3.0KW
Cutting Feed	20-8000mm / min	
Axis Transmission	Direct Drive	
Balls screw Diameter	40mm	
Accuracy	C3	
Command Position	0.001mm	
Repeatability	0.005mm	
ATC Type	Arm Type / Armless (OPTION)	
Number of tools	24tools	24tools
Tool Selection	Random	
Tool Changing Time	2sec	
Tool Size (Dia x Length)	75mm x 250mm	
Max. Tool Weight	7Kg	
Lubrication Type	AUTO	
Position of Lubrication	Slide Way&Ball Screw	
Lubricator Tank	2Liters	
Cycle time of Lubrication	15min	
Lubricator Power	120W	
Machine Length/Width/Height	3350mm/2500mm/2600mm	3550mm/2600mm/3000mm
Machine Weight	5800kg	6500kg