



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