



V13 / V15

bigger dimensions

With a working area of 1500 x 700 x 750 mm, the vertical machining centre is also designed to work on big workpieces.

Directly connected with ballscrew and AC servo motors, the high precision coupling offers the best rigidity and keeps the accuracy of axial slide assembly under high speed movement. The machine is well equipped and has a favorable cost-performance ratio.

Specification

Machine Type	V13	V15
Spindle Speed	250-8000rpm	
Spindle Type	BT-40	
Spindle Shaft Hardness	HRC58-62 °	
Spindle Orientation	Encoder	
Spindle Power	11KW Servo Spindle Motor(15KW OPTION)	
Clamping Force	350-400KG	
Table Dimension	1500mm x 660mm	1800mm x 660mm
Work area	1300mm x 700mm	1500mm x 700mm
Max. Loading Capacity	1050Kg	1300Kg
Spindle Nose to Table	130mm-800mm	
Spindle Center to Colum	750mm	
Table Surface to Floor	1050mm	
T-Slot	18mm x 100mm x 5	
X / Y / Z axis Travel	1300mm / 700mm / 670mm	1500mm / 700mm / 670mm
X / Y / Z axis Rapid Speed	24M/min	
X / Y / Z axis Servo motor	Mitsubishi AC Servo3.5KW	
Cutting Feed	20-8000mm / min	
Axis Transmission	Direct Drive	
Balls screw Diameter	40mm	
Accuracy	C3	
Command Position	0.001mm	
Repeatability	0.005mm	
ATC Type	Armless / Arm Type (OPTION)	
Number of tools	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	3600mm/3000mm/3150mm	3850mm/3000mm/3150mm
Machine Weight	8200kg	8600kg

