

Vertical Machining Center



TLPVMC 1160L



TLPVMC 850L



SPECIFICATION

MODEL	TLPVMC 600L	TLPVMC 650L	TLPVMC 850L	TLPVMC 855L	TLPVMC 1050L	TLPVMC 1160L	TLPVMC 1370L	TLPVMC 1580L
Worktable Size	800x400 mm	900x400 mm	1000x500 mm	1000x550 mm	1000x500 mm	1200x600 mm	1400x700 mm	1600x800 mm
T-Slots Size	3-14x100 mm	5-16x75 mm	5-18x90 mm	5-18x90 mm	5-18x90 mm	5-18x100 mm	5-18x110 mm	5-22x135 mm
X/Y/Z Axis Travel	600/400/450 mm	650/450/500 mm	800/500/500 mm	800x550x500 mm	1000/500/500 mm	1100/600/600 mm	1300/700/700 mm	1500/800/700 mm
Distance from Spindle Center to Column	550 mm	500 mm	550 mm	595 mm	550 mm	650 mm	750 mm	855 mm
Distance from Spindle Nose to Worktable Surface	100-550 mm	120-620 mm	150-650 mm	120-670 mm	120-620 mm	120-720 mm	110-810 mm	190-890 mm
Spindle Taper	BT40	BT40	BT40	BT40	BT40	BT40	BT40	BT40/BT150
Spindle Power	5.5 K.W.	5.5/7.5 K.W.	7.5 K.W.	7.5 K.W.	7.5 K.W.	11 K.W.	11 K.W.	11 K.W./15 K.W.
Max.Spindle Speed	8000 RPM	8000 RPM	8000 RPM	8000 RPM	8000 RPM	8000 RPM	8000 RPM	8000 RPM
Max. Feed Speed	10 m/min	10 m/min	10 m/min	10 m/min	10 m/min	10 m/min	10 m/min	10 m/min
Rapid Feed Speed (X/Y/Z)	30/30/25 m/min	20/20/12 m/min	24/24/20 m/min	24/24/20 m/min	24/24/20 m/min	24/24/20 m/min	24/24/20 m/min	24/24/20 m/min
Tool Magazine Capacity	12T/16T (optional)	16T	24T	24T	24T	24T	24T	24T
Max. Length of Tool	300 mm	250 mm	300 mm	300 mm	300 mm	300 mm	300 mm	300 mm
Tool Change Time	7s/2.5s	7s	1.5s	1.5s	1.5s	1.5s	1.5s	1.5s
± Positioning Accuracy	±0.005 mm	±0.007 mm	±0.005 mm	±0.005 mm	±0.005 mm	0.005 mm	±0.008 mm	±0.01 mm
± Re-Positioning Accuracy	±0.003 mm	±0.005 mm	±0.003 mm	±0.003 mm	±0.003 mm	0.003 mm	±0.003 mm	±0.008 mm
Machine Dimension (LxWxH)	1900x1700x2240 mm	2300x2200x2400 mm	2750x2300x2300 mm	2800x2300x2300 mm	2850x2300x2300 mm	3350x2300x2550 mm	3200x2540x2600 mm	3800x2720x3610 mm
Max. Loading of Worktable	300 Kg	400 Kg	500 Kg	600 Kg	500 Kg	800 Kg	1000 Kg	1500 Kg
Machine Weight	3500 Kg	3800 Kg	5300 Kg	5500 Kg	5400 Kg	6200 Kg	8200 Kg	13000 Kg