

Vertical Machining Center

VL Series

Tool magazine capacity: 24 cutters

Tool-to-tool time: 2.5S

- ✓ Compact size, small footprint and high workshop utilization
- ✓ Come standard with milling cutters like face & end milling cutter, U-shaped drilling cutter and Thread tapping cutter
- ✓ Hi-end tool magazine with <1% fault feedback rate and 95% one-key fail-safe rate
- ✓ Focus on user-friendly design, in order to make maintenance easier and prolong total service life
- ✓ Rich optional accessories available, to get efficiency gains for you



VL Series

Item	Details	SF-VL855	SF-VL1160	SF-VL1160P	SF-VL1370	SF-VL1580	SF-VL1690
Worktable	Dimensions (mm)	1000*550	1200*600	1200*600	1400*700	1600*800	1600*800
	Max Load (kg)	500	800	800	800	1500	1500
	T-slot Size (mm)	5-18-90	5-18-100	5-18-100	5-18-130	7-22-110	7-22-110
Processing Range	3-axis Travel (mm)	800*550*550	1100*600*600	1100*600*600	1300*700*750	1500*800*700	1600*900*700
	Distance from Spindle Nose to Table Surface (mm)	120-670	120-720	120-720	120-870	160-860	150-850
	Distance from Spindle Center to Z-axis Guideway Surface (mm)	590	650	650	722	855	910
Spindle	Taper Hole (7:24)	BT40 ϕ 150	BT40 ϕ 150	BT40 ϕ 150	BT40 ϕ 150	BT50 ϕ 155	BT50 ϕ 190
	Speed Range (r/min)	8000	8000	8000	8000	6000	6000
Feed	3-axis Rapid Speed (m/min)	32/32/24	24/24/18	36/36/24	24/24/18	24/24/24	20/20/12
	Feed Speed (mm/min)	1-10000	1-10000	1-10000	1-10000	1-10000	1-10000
Disc Tool Changer	Capacity	24T	24T	24T	24T	24T	24T
	Tool Changing Time (s)	2.5	2.5	2.5	2.5	2.5	2.5
Positioning Accuracy	X/Y/Z-axis Positioning/Repositioning Accuracy (mm)	0.008/0.005	0.008/0.005	0.008/0.005	0.008/0.005	0.008/0.005	0.008/0.005
	Overall Dimensions (L*W*H, mm)	2600*2380*2400	3100*2500*2800	3100*2500*2800	3550*2700*2600	4300*3200*2800	4200*3262*3672
	Gross Weight (kg)	5300	6500	6500	8000	10000	12000