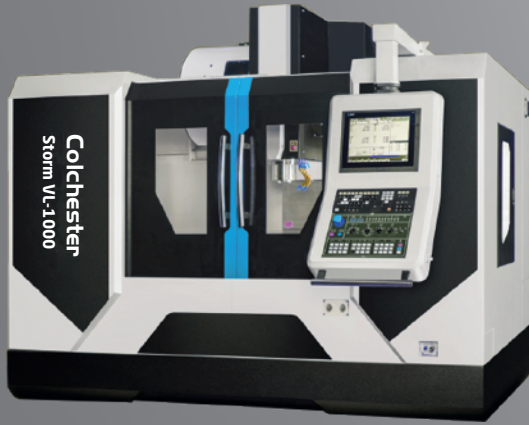


STORM VL SERIES



VERTICAL MACHINING CENTER

- Linear Guide Ways



	VL-550	VL-610	VL-800	VL-850	VL-1000
X Travel	550 mm (21.7")	610 mm (24")	850 mm (33.5")	850 mm (33.5")	1,020 mm (40.2")
Y Travel	410 mm (16.1")	460 mm (18.1")	510 mm (20")	510 mm (20.1")	
Z Travel	460 mm (18.1")	510 mm (20.1")	510 mm (20")	560 mm (22")	
Spindle Nose to Table Surface	130~590 mm	125~635 mm	140 ~ 650 mm	150~710 mm	
Table size	600 x 320 mm	800 x 450 mm	950 x 500 mm	1,000 x 500 mm	1,200 x 500 mm
T-slot (Q'ty x Size x Dist)	3 x 14 x 100 mm	3 x 18 x 100 mm	18 x 5 x 100 mm	5 x 18 x 100 mm	
Max. Table Load	350 kgs	400 kgs	400 kgs	800 kgs	
Spindle Taper	BT40	BT40	BT40	BT40	
Spindle Speed	10,000 rpm (opt. 10,000~15,000 rpm)	10,000rpm (opt. 15,000~24,000rpm)	10,000 rpm (opt. 10,000~15,000 rpm)	8,000 rpm (opt. 10,000~15,000 rpm)	
Floor space	2,000 x 2,305 x 2,460mm	2,160 x 2,435 x 2,550 mm	2,600 x 2,405 x 2,563mm	2,900 x 2,262 x 2,789mm	
Machine Weight	2,800 kgs	4,000 kgs	3,680 kgs	5,000 kgs	5,190 kgs

Positioning accuracy: $\pm 0.005/300$ mm
 Repeating accuracy: $0.003/300$ mm

	VL-1050	VL-1200	VL-1300	VL-1600	VL-1690	VL-2090
X Travel	1,050mm (41.3")	1,200mm (47.2")	1,300mm (51.2")	1,600 mm(63")	1,600 mm(63")	2,000 mm(78.7")
Y Travel	610 mm (24.4")		700 mm (27.6")		900 mm (35.4")	
Z Travel	610 mm (24.4")		700 mm (27.6")		850 mm (33.5")	
Spindle Nose to Table Surface	150~760 mm		130~830 mm		150~1,000 mm	
Table size	1,150 x 600 mm	1,300 x 600 mm	1,450 x 700 mm	1,750 x 700 mm	1,800 x 850 mm	2,200 x 850 mm
T-slot (Q'ty x Size x Dist)	5 x 18 x 100 mm		5 x 18 x 125 mm		5 x 22 x 150 mm	
Max. Table Load	700 kgs	1,200 kgs	1,500 kgs		1,500 kgs	2,000 kgs
Spindle Taper	BT40		BT40		BT40	
Spindle Speed	8,000 rpm (opt. 10,000~15,000 rpm)		8,000rpm		8,000rpm	
Floor space	3,050x2,472x2,994mm	3,450x2,472x3,197mm	3,650x2,507x2,997mm	4,350x2,507x3,240mm	4,250x3,528x3,501mm	5,050x3,756x3,972mm
Machine Weight	6,310 kgs		8,510 kgs	8,860 kgs	16,000 kgs	17,390 kgs