

## VMC800 Vertical Machining Center

### Vertical machine center

VMC800 vertical machining center  
 3axis are equipped with wide hardened guideway,ensure machine driven stability  
 Taiwan high precision spindle speeds up to 8000 rpm  
 Taiwan umbrella plate type A.T.C with 16 tools  
 Coolant system with high flow and high head pump,ensure sufficient cooling at high speed running  
 Totally enclosed,safe and beautiful

Standard configuration:  
 FANUC Oi mate-MD CNC system  
 RS232 USD

Optional configuration:  
 FANUC Oi MD or KND-2000M CNC system  
 Disc-type tool magazine capability 16 tools  
 The 4th axis  
 Automatic chip conveyer



Apecifications	units	VMC800	VM800	XH7132	XK7132	VMC600	XH7125
Table travel(X Y Z)	mm	800×460×500		620×350×500		600×400×400	400×250×400
Table size	mm	800×460		920×320		750×420	600×250
Number/Width/Distance of T-slot	mm	3-18-150		3-14-85		3-14-100	3-14-75
Max. load of table	kg	500		200		200	200
Distance from spindle nose to table surface	mm	150-650		100-600		128-528	60-460
Distance from spindle axis to vertical guideway	mm	560		395		480	325
Rapid feed speed (X Y Z)	m/min	30/30/24		18/18/18		48/48/60	6/6/6
Feed speed (X Y Z)	mm/min	2-100		2.5-3000		2-100	2.5-3000
Taper of spindle		BT40		BT40		BT40	BT30
Spindle speed range	rpm	40-6000		60-6000		10000	60-6000
Spindle motor power	kw	(AC servo)7.5		(AC servo)3.7		(AC servo)7.5	(AC servo)3.7
Tool magazine capability	qty	16		16		16	10
Max. weight of tool	kg	8		8		3.5	5
Max. dimension of tool	mm	φ130×300		φ120×200		φ80×120	φ92
Positioning accuracy	mm	±0.015 ±0.02		±0.015 ±0.02		±0.005/300 JIS	±0.015
Repeat positioning	mm	±0.0075 ±0.01		±0.0075 ±0.01		±0.01	±0.075
Min. time of tool change	sec	3				1.1	
Overall dimension	mm	2450×2200×2300		2020×1970×2160/2200		2000×1800×2160	1650×1600×2000
Machine weight	kg	4560	4460	2750	3360	2650	1530