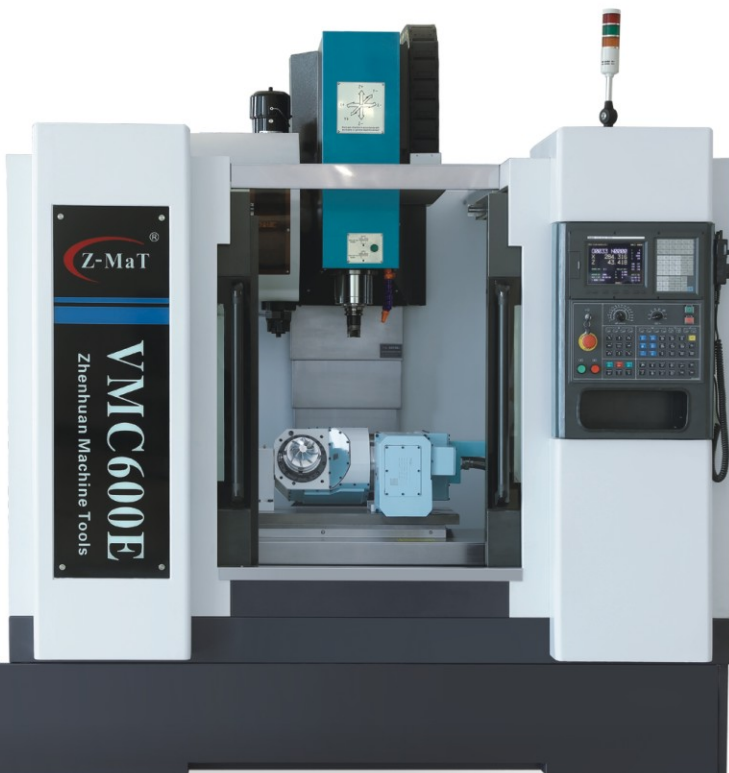


VMC SERIES

VMC320/VMC420E/VMC550E/VMC400
VMC600E/VMC500/VMC700E



Standard Features

- Automatic Tool Changer
- Ergonomic CNC Panel & MPG
- Automatic Lubrication System
- Full Machine Enclosure
- Operator Door Safety Lock
- Heat Exchanger
- Air Conditioned Electrical Cabinet (VMC500/VMC700E)
- Air System w/ Handheld Air Gun

Optional Features

- CNC Controlled 4th Axis Rotary Table
- Different CNC Control System
- Higher Speed Spindle
- Spindle Center Coolant
- Chip Conveyor
- Air Conditioner (Except VMC500/VMC700E)

Machine Characteristics

- Precision linear guideways on X/Y/Z axes – provide high speed rapids
- High quality castings provide a solid structure and foundation
- Full enclosed way covers
- Direct drive servo motors on all axes
- Drum or arm type ATC available
- High speed rapids standard – higher speeds available on axes and spindle



Specifications

	Unit	VMC320	VMC420E	VMC550E	Mega Y VMC400	VMC600E	VMC500	VMC700E	
Table	Table size	mm	600x305	720x305	800x305	600x380	800x380	700x400	800x400
	T slot(width×nos.×distance)	mm	14x3x85	14x3x85	14x3x85	14x3x110	14x3x110	18x3x110	18x3x110
	Max.load	Kg	260	260	260	350	350	350	400
Travel	X/Y/Z Travel	mm	320/240/450	420/240/450	550/240/450	400/350/450	600/350/450	500/400/450	700/400/450
	Spindle nose to table	mm	50-500	50-500	50-500	50-500	50-500	90-540	90-540
	Spindle center to column	mm	380	380	380	450	450	450	450
	Guideway type		LM: XYZ	LM: XYZ	LM: XYZ	LM: XYZ	LM: XYZ	LM: XYZ	LM: XYZ
Spindle	Spindle type		BT30	BT30	BT30	BT40	BT40	BT40	BT40
	Main servo motor	KW	3.7/5.5	3.7/5.5	3.7/5.5	3.7/5.5,*5.5/7.5	3.7/5.5,*5.5/7.5	5.5/7.5,*7.5/11	5.5/7.5,*7.5/11
	Spindle speed	rpm	6000,*8000	6000,*8000	6000,*8000	6000,*8000,*12000	6000,*8000,*12000	8000,*12000	8000,*12000
Feed & Magazine	X/Y/Z axis rapid traverse	m/min	20/20/20	20/20/20	20/20/20	20/20/20	20/20/20	20/20/20	20/20/20
	ATC capacity/type	No./type	12/Drum	12/Drum	12/Drum	16/Drum,*20/Arm	16/Drum,*20/Arm	16/Drum,*24/Arm	16/Drum,*24/Arm
	Max. weight of tool	Kg	3	3	3	8	8	8	8
Dimension & Weight	Power capacity	kVA	14	14	14	15	15	17	17
	Dimension	mm	2080x1900x2300	2080x1900x2300	2080x1900x2300	2400x2000x2320	2400x2000x2320	2300x2100x2200	2300x2100x2320
	Weight (about)	Kg	2000	2300	2350	2400	2500	2900	3200

Note: "*" means optional, "LM" means linear motion guide way.

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