# **CNC Milling Machine VMC21**

### **Machine Features:**

- Mainly as a starting point to provide users easy and intuitive operation of the new CNC operation.
- Applicable industries: A good helper for parts production, R&D proofing, repair, and school teaching.
- Light weight, does not occupy space, suitable for various occasions.
- Compatible with the processing programs of major brand controllers, and can execute
  CAD/CAM NC programs, which are suitable for mold cutting, drilling, tapping and machining.

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### Controller function:

### PC Monitor Operation



**Conversation Cam** 



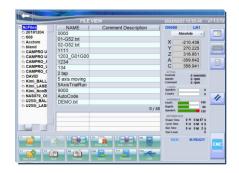
**Tool Settin** 



**Troubleshooting Navigation** 



G54 coordinate system setting



File Management



### **Specification Table**

Item		Specification	
Table size	mm	n 450 x 190	
T slot	mm	3 x 12	
Max. table load	kgs	20	
X/Y/Z axis travel	mm	200 x 200 x300	
Distance from spindle nose to work table	mm	50-350	
Distance from spindle center to column	mm	220	
X/Y/Z axis server motor	kw	X/Y 0.4 / Z 0.4(with brake)	
G00 Rapid speed	m/min	15	
G01Cutting feed	m/min	1-10000	
Spindle type:		ISO25	
Spindle transmission type		Belt	
Spindle motor	Kw	0.4	
Spindle speed	rpm	5000	
Drilling capacity	mm	Φ 6 (Aluminum6061)	
Tapping capacity	mm	M6 (Aluminum6061)	
Armless Magazine	cm	8 Tools	
Air pressure requirements	Kg/cm <sup>2</sup>	6	
Power		3Ф 220V / 15A	
Machine net weight	kg	500	
Machine size (L x W x H)	cm	90 x 80 x 160	
Machine packing size (L x W x H)	cm	95 x 85 x 165	

<sup>\*</sup> The company reserves the right to revise the contents of the specifications, subject to change without prior notice.

Standard accessories		Option accessories
1. Full cover + Cooling system	6. Work lamp	1. Tool length measurement
2. Moveable MPG.	7. Warning Light	2. Air pressure vise 4"
3. PC monitor+ keyboard+ mouse	8. Operation Manual	
4. ISO25 tool holder *2	9. Operation Manual	
5. Air gun		



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