

Product No: VMC300

Video: https://www.youtube.com/watch?v=hMJqYsR0MLs

Product Name: Small 5 Axis CNC Machining Center





YORNEW育能

Features

(1). High performance 5 axis CNC center machine controller.

(2). The standard spec includes electronic hand wheel.

(3). Selection of high -quality casting materials, more compact.

(4). 10 tools ATC.ISO20 spindle type, 24000rpm spindle speed.

(5). USB/U dis/RS232COM etc many kinds of communication mode, to help users achieve different data transmission and software upgrades easily.

(6). Frequency conversion water cooling motor, low noise, high speed and good durability.

(7). Perfect self diagnosis function, internal and external status real-time display, alarm immediately when abnormal.

(8). Macro variable, macro definition programming, realizing a variety of logical relations. Support macro program with parameters, convenient to the user programming.

(9). Can run ISO G code

(10). Graphic simulation function: show the graphics of the processing program and the tool path of the actual operation, tool path simulation processing without controlling the operation of the machine , to exam if the preparation process is correct.

(11). Multi interface selection: support multi language interface display, automatic fault alarm. Processing information display, processing time, the number.

(12). Parameter tabular: Input / output address number setting, only need to fill in the corresponding value in the configuration table.

(13).Applicable industry: technology development, advertising design, art, vocational technical college Education & Training CNC and DIY enthusiasts.

Technical parameters	
X axis travel	300mm
Y axis travel	175mm
Z axis travel	270mm
4th axis Travel	A axis:+30° to -120°
5th axis Travel	±360°
Spindle taper	ISO 20
Tool number	10
Pneumatic supply	0.6 MPa
Tool DIA. range	1-13mm
Standard Size Collet	1mm- 13mm
Control system	5 axis CNC center machine controller
Instruction	Run ISO G code
MPG hand wheel	5 axis
Spindle Power	2.2kw
Spindle speed	100-24000rpm
Motor Type	X/Y/Z/A/B axis are AC Servo
Rapid movement in X /Y/Z Axis	1-8000mm/min
Feed rate in X/Y/Z Axis	1-4000mm/min

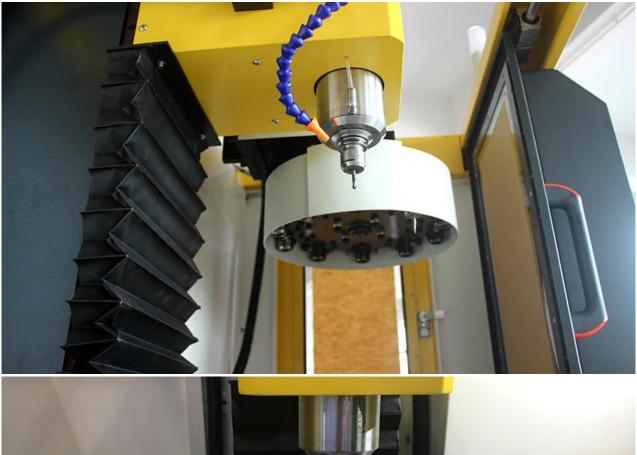


Power of X/Y/Z Axis	AC Servo 750W
Power of A/B Axis	AC Servo 200W
Positioning accuracy	0.03mm
Repeatability accuracy	0.02mm
Transmission	ball screw
Table size	450*160mm
Number of T-slots	3
Width of T-slot	12mm
Table structure	Full cast iron
Power	230VAC / 110VAC
Weight(NW/GW)	500/550kg
Overall dimension	1360*990*1800mm
Packing size	1400*1050*2000mm





Small CNC Machine







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