Small CNC Mill Machine

VMC200-FANUC

YORNEW's VMC200-FANUC small CNC milling machine features a small footprint and delivers full CNC capabilities within a compact space. Moreover, this capable small CNC mill comes at an affordable price.

It is equipped with the Fanuc Series 0i-MF Plus controller, high-quality castings, high-precision linear guides and ball screws, as well as an automatic lubrication system. A 6-tool automatic tool change (ATC) system is optional. The variable-frequency water-cooled spindle motor operates quietly with a maximum spindle speed of 24,000 rpm. The XYZ axes are driven by AC servo motors as standard.

Optional extras include a flood coolant system, industrial cabinet base and automatic tool setter. It can machine ferrous metals such as stainless steel and 45# steel, non-ferrous metals including copper and aluminum and other materials.This machine is suitable for CNC education and training at vocational technical colleges.

Whith Fanuc Series Oi-MF Plus Controller

The Fanuc Series OI-MF Plus provides the ideal solution for basic milling applications.

Small CNC Mill Machine VMC200-FANUC

Technical parameters		
Description	Standard	Optional
X axis travel	230mm	
Y axis travel	130mm	
Z axis travel	220mm	
A axis travel	-	360°
Spindle taper	ER20	ISO20
Automatic tool change system	-	6 Tools
Pneumatic supply	-	0.6 MPa
Tool DIA. Range	1-13mm	
Control system	Fanuc Series OI-MF Plus Controller	SINUMERIK 808D
Spindle power	2.2kw	
Spindle speed	100-24000rpm	
Spindle Cooling	Water Cooled /10L	
Work-piece cooling	Water Cooled /29L	
XYZ axis motor type	400W AC server motor	
Rapid feed rate	10000mm/min	
Cutting feed rate	5000mm/min	
Positioning accuracy	0.015mm	
Repeatability accuracy	0.01mm	
Transmission	Ball screw	
guide rail	High-precision linear guide	
Table size	460*130mm	
Number of T-slots	3	
T-Slot Width	12mm	
Max Weight on Table (evenly distributed)	100kg	
Table structure	Full cast iron	
Power	380VAC (3 Phase)	
Weight(NW/GW)	260/350kg	
Overall dimension	980×740×1600mm	
Packing size	1100×800×1800mm	

Optional Accessories

Edge finder

Clamping kit

Quick Vice

4th axis and tail stock

Z Axis tool setter

Carbide end mill

HSS end mill

HSS ball-end mill