

Small Educational CNC Mill Machine

VMC200-FANUC



YORNEW's VMC200-FANUC small education CNC mill machine offers a small footprint, it provides full CNC capabilities in a compact space. Moreover, this efficiently competent small CNC mill comes at an affordable price, with Fanuc Series I0-MF Plus controller, selection of high-quality casting materials, high-precision linear guide and ballscrews, automatic lubrication system. Option 5 tools automatic tool change system(ATC), frequency conversion water cooling spindle motor, low noise, 24000rpm spindle supreme speed. Standard spec XYZ axis is AC servo motor. With the of flood coolant with industrial cabinet base and and automatic aligning instrument. It can process ferrous metal stainless steel, 45 steel, non-ferrous metal copper, aluminum, plastic and wood and other different materials. Suitable for ocatonal technical college Education & Training CNC.

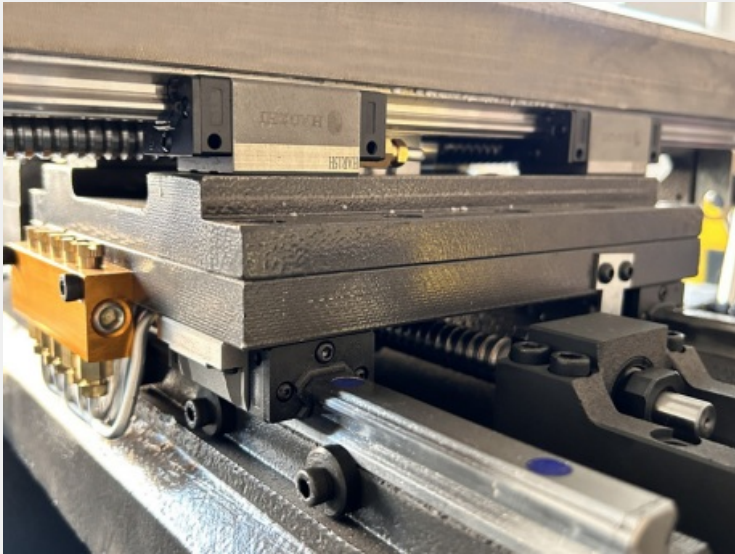
Whith Fanuc Series Oi-MF Plus Controller

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



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Machine tool bod selection of high-quality casting materials, high-precision linear guide and ballscrews, automatic lubrication system, protect the rail life, experience the pinnacle of precision, reliability, and longevity with our small CNC mill machine, featuring a high-quality casting materials for unwavering rigidity, high-precision linear guides and ball screws for unmatched precision.



Our high-performance spindle delivers exceptional power and versatility, catering to a wide range of machining needs. The variable-frequency drive allows for precise speed control, optimizing performance for specific materials and applications. With manual and automatic tool change capabilities, our control system adapts to your workflow, empowering you to achieve operational excellence.



The robust 5-station self-locking rotary tool carousel safeguards against misoperation, while the protective dust cover ensures that machining accuracy remains uncompromised. Experience the pinnacle of precision with our water-cooled spindle, variable-frequency drive, and pneumatic tool change, ensuring consistent performance and unwavering accuracy.



Our large-capacity circulation cooling water tank, equipped with a filtration system, effectively dissipates heat and removes impurities, ensuring optimal performance and extending the lifespan of your tools and spindle. With manual and automatic control options, our system adapts to your specific needs.

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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	-	5 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	0.02mm	
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)	30kg	
Table structure	Full cast iron	
Power	380VAC (3 Phase)	
Weight(NW/GW)	250/350kg	
Overall dimension	980×740×1600mm	
Packing size	1100×800×800mm	

Optional Accessories



Edge Finder



Clamping Kit



Quick Vice



4th Axis and Tail Stock



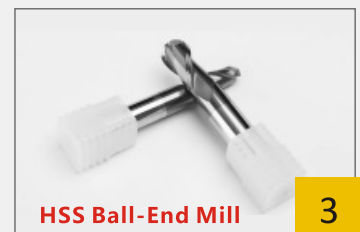
Z Axis Tool Setter



Carbide End Mill



HSS End Mill



HSS Ball-End Mill