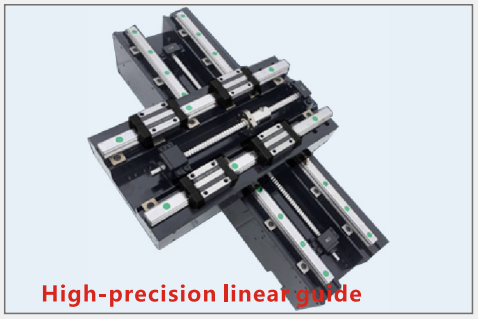
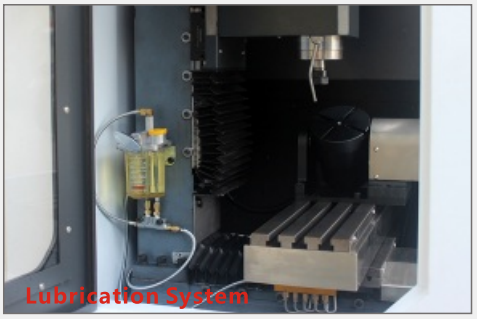
Small CNC Milling Machine (Product No: MX220)

Shown with not available with flood coolant model

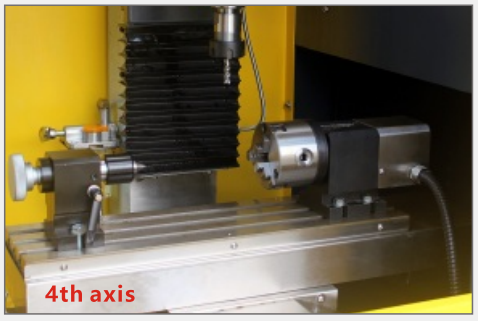


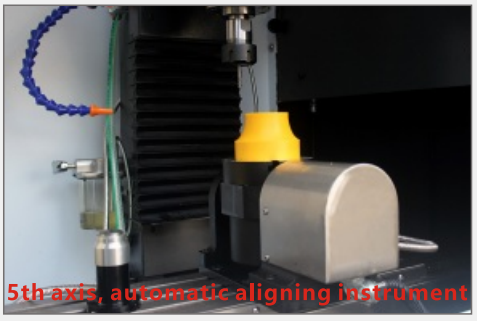
The brand new MX220 is a powerful mini CNC machine, easy to operate, very stable, and requires very little maintenance.High performance 5 axis milling CNC controlle,support rotation tool center point (RTCP),support multi language interface display,the standard spec includes MPG hand wheel.Selection of high -quality casting materials,High-precision linear guide and ballscrews, standard is 3 axis CNC milling machine, optional 4th axis or 5th axis(adopt harmonic reducer) , with totally enclosed high visibility interlocking guard.The MX220 has a more powerful, higher speed spindle (24000rpm) for heavy duty cutting or router cutting. Now available with the option of flood coolant with industrial cabinet base and and automatic aligning instrument.Programmable spindle speeds and feedrates make the Mx220 ideal for cutting a range of resistant materials such as wax, plastic, acrylic, free cutting alloys, aluminium and steel. suitable for all levels of education and training or DIY workshop.


High-precision linear guide


Lubrication System


Cabinet Base


4th axis


5th axis, automatic aligning instrument


CNC controlle

Optional colour and cabinet base

NB The Cabinet Base model comes complete with Flood Coolant



Recommended software programs

Such as MasterCAM、UG、Fusion360, SolidWorks, ArtCAM software is required

Optional Accessories


Edge Finder


Clamping Kit


Quick Vice


Carbide End Mill


HSS End Mill


HSS Ball-End Mill


Z Axis Tool Setter


4th Axis and Tail Stock


5 Axis Rotary Table

As Standard With

T nut	M10x2
Inner Hexagon Wrench	S=3
Inner Hexagon Wrench	S=4
Inner Hexagon Wrench	S=5
Inner Hexagon Wrench	S=6
Two-head Wrench	S=10/10
Two-head Wrench	S=14/17
Two-head Wrench	S=18/21
Plastic Oiler	1 Piece
Hook Wrench Head	S=30
Turn-angle flat pliers	80mm
Milling cutter	Φ4 + φ8
Twist drill	φ3.3
Mat	φ10*30*2
Bolt	M10*25
Machine Manual	1 Piece
Controller Manual	1 Piece
U Disk	1 Piece
Side Door Key	2 Pieces
Test Report	1 Piece



Technical Parameters

1	Positioning accuracy	0.02mm	
2	Repeatability accuracy	0.01mm	
3	X axis travel	230mm	
4	Y axis travel	130mm	
5	Z axis travel	220mm	
6	Options 5th axis	Backlash	Zero Backlash
		Max Speed 4th axis	4/R.P.M
		Max Speed 5th axis	6/R.P.M
		Accuracy 4th axis	±1 arc-min
		Accuracy 5th axis	±1 arc-min
		Repeatability 4th axis	20 arc-sec
		Repeatability 5th axis	20 arc-sec
		Homing	B axis
		Limits	+C, -C
		Travel	B axis:+30° to -125°, C axis: ±infinity
		B axis Output Flange Diameter	110mm
7	Tool DIA. range	2-12mm	
8	Control system	KY1000MC CNC Controller	
9	Motor Type	Stepper Motor	
10	MPG hand wheel	5 axis	
11	Spindle motor	2.2kw	
12	Spindle speed	24000r/min	
13	The max moving speed	2000mm/min	
14	The max feeding speed	1000mm/min	
15	Transmission	ball screw	
16	guide rail	High-precision linear guide	
17	Table size	460*130mm	
18	Max. load	30kg	
19	Table structure	Full cast iron	
20	Power	220VAC / 110VAC	
21	Weight(NW/GW)	180kg/220kg	
22	Overall dimension	930×650×920mm	
23	Packing size	970*850*1400m	