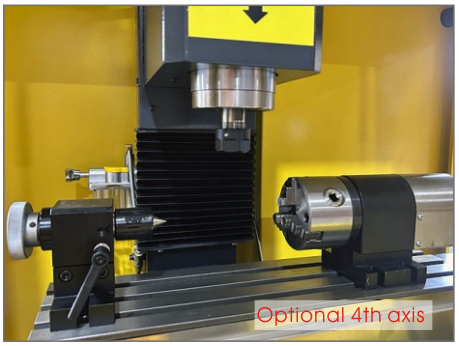
Desktop CNC milling machine (Product No: XK200)

The XK200 is a benchtop CNC milling machine that delivers simple operation and exceptional structural rigidity and stability. Equipped with a high-performance 4-axis CNC milling system,it supports multi-language interface switching. An MPG manual pulse generator handwheel comes as standard equipment.

Constructed from high-grade cast iron,the machine adopts high-precision linear guides and ball screws, a semi-automatic lubrication system, as well as a fully enclosed, transparent interlocked safety cover. It is fitted with a variable-frequency water-cooled spindle motor capable of reaching a maximum speed of 24,000rpm.

AC 400W servo motors drive the X, Y and Z axes. An automatic tool setter and a fourth axis equipped with a harmonic reducer are offered as optional upgrades. This model is ideal for machining a wide range of difficult-to-cut materials, including aluminum alloys, brass, stainless steel and other hard metals.

Milling CNC controller


Optional 4th axis

Cast Iron bed, linear guides and ball screws

Servo motor and servo drive

Frequency conversion water cooling spindle

Optional automatic tool setter

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

Technical Parameters

1	X axis travel	230mm
2	Y axis travel	130mm
3	Z axis travel	220mm
4	Tool DIA. range	2-12mm or 4-16mm
5	Control system	KY1000MC CNC Controller
6	MPG hand wheel	4 axis
7	Spindle motor power	2.2kw (Option servo motor 1000W)
8	Spindle speed	100-24000r/min (Servo motor,100-3500r/min)
9	Spindle taper	ER20(Servo motor, MT3)
10	The max moving speed	8000mm/min
11	The max feeding speed	4000mm/min
12	XYZ axis motor Type	400W AC servo motor
13	Positioning accuracy	0.015mm
14	Repeatability accuracy	0.01mm
15	Transmission	ball screw
16	guide rail	High-precision linear guide
17	Table size	460*130mm
18	T slot (amount*width)	35*12mm
19	Table structure	Full cast iron
20	Power	220VAC / 110VAC
21	Weight(NW/GW)	165/200kg
22	Overall dimension	850*650*1000mm
23	Packing size	930*750*1200mm