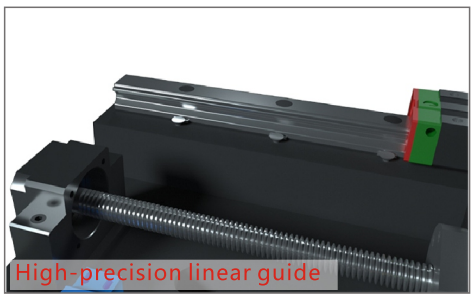
Small CNC Milling Machine (Product No: XK300A)

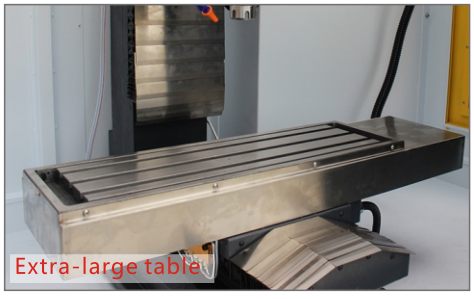
CE APPROVED

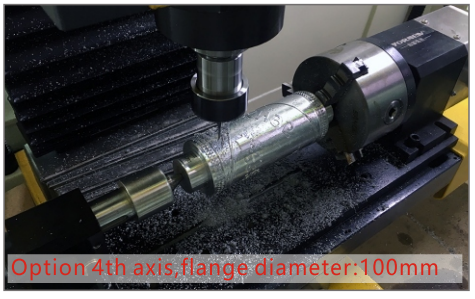
The XK300A is a small CNC milling machine equipped with a high-performance 4-axis milling CNC controller that supports multi-language interface display. It comes standard with an MPG handwheel.Constructed from high-quality castings, the machine features high-precision linear guides and ball screws. The XYZ axes are driven by AC servo motors. An optional 4th axis uses a harmonic reducer. It is fitted with an interlocking guard, flood coolant system, automatic lubrication system and BT30 spindle.The XK300A is equipped with a more powerful, high-torque spindle rated at 3500 rpm for heavy-duty cutting. Programmable spindle speeds and feedrates make it ideal for machining a range of materials including plastic, free-cutting alloys, aluminium and steel.Compatible CAM software includes MasterCAM, UG, Fusion360 and SolidWorks. The XK300A small CNC mill is perfect for schools, small job shops, or as a secondary machine.


High-precision linear guide

BT30 spindle,with flood coolant

Lubrication system


Extra-large table


Option 4th axis flange diameter:100mm

With flood coolant

Optional Accessories

Edge finder

Clamping kit

Quick vice

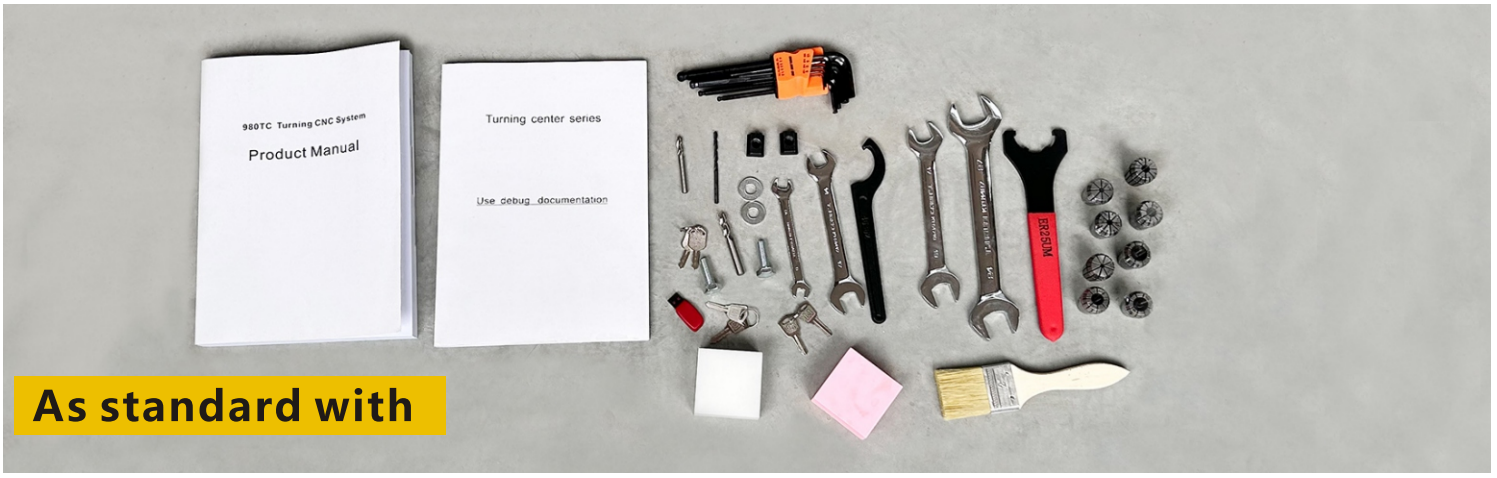
4th axis and tail stock

Z Axis tool setter

Carbide end mill

HSS end mill

Vacuum table



As standard with

Technical Parameters

1	X axis travel	320mm
2	Y axis travel	200mm
3	Z axis travel	320mm
4	A axis Rotate(optional)	Backlash:Zero Backlash
		Max Speed:6 RPM
		Motor Type: Stepper Motor
		Travel: ±infinity
		Flange Diameter:100mm
5	Table size	550×180mm
6	Spindle taper	BT30
7	Tool DIA. range	4-16mm
8	T slot (amount*width)	3×12mm
9	Positioning accuracy	0.015mm
10	Repeatability accuracy	0.01mm
11	Control system	KY1000MC CNC Controller
12	MPG hand wheel	4 axis
13	Spindle motor	1.5KW(2.2KW optional)
14	Spindle speed	100-3500r/min(24000r/min optional)
15	The max moving speed	8000mm/min
16	The max feeding speed	4000mm/min
17	Power of X/Y/Z	Servo motor 750W
18	Transmission	ball screw
19	Max. load	100kg
20	Table structure	Full cast iron
21	Guide rail	High-precision linear guide
22	Power	230VAC/110VAC
23	Weight(NW/GW)	600/650kg
24	Overall dimension	1360×990×1800mm
25	Packing size	1400×1050×2000mm