

**Product No: XK300A**

**Product Name: Small CNC Milling**

**Video:** <https://youtu.be/OYa6byfsyq0>



## Features

- (1). High performance 4 axis milling CNC controller.
- (2).The standard spec includes electronic hand wheel.
- (3).Selection of high -quality casting materials, more compact.
- (4).X, Y, Z, A four axis micron level interpolation accuracy controlling;
- (5).USB/U dis/RS232COM etc many kinds of communication mode, to help users achieve different data transmission and software upgrades easily.
- (6).Perfect self diagnosis function, internal and external status real-time display, alarm immediately when abnormal.
- (7).Macro variable, macro definition programming, realizing a variety of logical relations. Support macro program with parameters ,convenient to the user programming
- (8). Can run ISO G code
- (9).With the automatic aligning instrument.

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(10).Teaching function: Teaching+ simplified instruction programming, teaching methods in table format, that is simple and intuitive.

(11).Graphic simulation function: show the graphics of the processing program and the tool path of the actual operation, tool path simulation processing without controlling the operation of the machine , to exam if the preparation process is correct.

(12). Multi interface selection: support multi language interface display, automatic fault alarm. Processing information display, processing time, the number.

(13).Parameter tabular: Input / output address number setting, only need to fill in the corresponding value in the configuration table.

(14).7 inch super large colorful(800\*480) LCD screen.

(15).Applicable industry: technology development, advertising design, art, vocational technical college Education & Training CNC and DIY enthusiasts.

Technical parameters	
X axis travel	300mm
Y axis travel	175mm
Z axis travel	270mm
Table size	450*160mm
Spindle taper	MT3
Tool DIA. range	4-16mm
T slot (amount*width)	3*12mm*43mm
Positioning accuracy	0.03mm
Repeatability accuracy	0.02mm
Control system	KY1000MC CNC Controller
Instruction	Run ISO G code
MPG hand wheel	4 axis
Spindle motor	1.1KW(2.2KW optional)
Spindle speed	100-3500r/min(24000r/min optional)
The max moving speed	2500mm/min
The max feeding speed	1500mm/min
Power of X/Y	Stepper motor 4Nm/ Servo motor 750W
Power of Z	Stepper motor 6Nm/ Servo motor 750W
Transmission	ball screw
Max. load	40kg
Table structure	Full cast iron
Power	230/120V

Weight(NW/GW)	500/550kg
Overall dimension	1360*990*1800mm
Packing size	1400*1050*1880mm

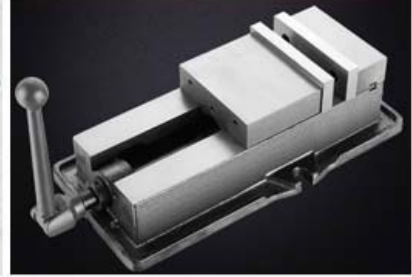
**Optional Accessories**



Mill chuck set



Clamping kit



Quick vice



Carbide end mill 5 pieces set



Fluts Hss end mill 4-16mm



Indexable carbide end mill MT3



Antimagnetic edge finder



The 4th axis



Tailstock for the 4th axis



Z axis tool setter



MT3 Tapping handle and chuck(3,4,5,6,8mm)