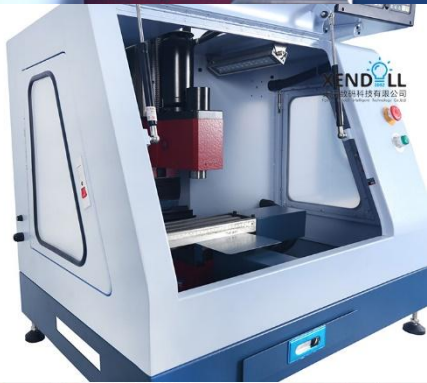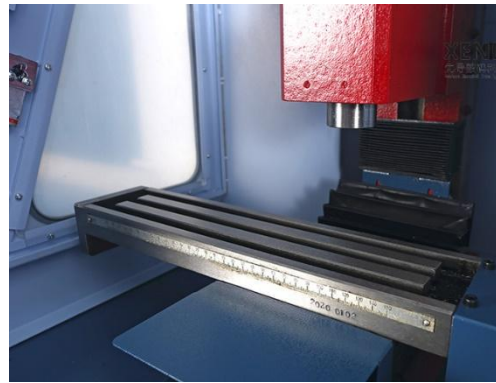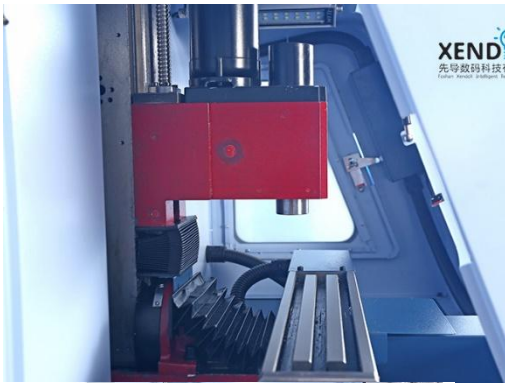# Model: C17-BMF-XD818MD3

Product name: Micro CNC milling Machine

可选配加底座

Features

(1). High performance 3-4 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. 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).DXF+G code template function, converting DXF automatically to G code for processing.

(9). With the automatic aligning instrument.

(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 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). Super large colorful LCD screen.

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

Specification (technical parameter)

Processing range	X axis stroke	mm	210
	Y axis stroke	mm	95
	Z axis stroke	mm	200
	Max.drilling/milling capacity	mm	13
	milling capacity cutter head(max.)	mm	16
	Max. end milling capacity	mm	16
	Spindle to table	mm	70-270

	Spindle to column	mm	167
Worktable	Worktable	mm	380x90
	T-slot (width*slot number*spacing)	mm	3-12-28
Spindle	Spindle drive mode	Unpowered spindle/Motorized spindle	Unpowered spindle
	Speed	rpm	100-3500
	Spindle power	kw	2.2
	Spindle taper	/	MT#3
Feed drive	X, Y, Z axis motor power	kw	Closed loop (1.8)
	X, Y, Z axis rapid traverse speed	mm/min	6000
	X, Y, Z axis torque	N.m	2.2
Positioning accuracy		mm	0.03
Repeated positioning		mm	0.02
Handwheel		Yes/No	Yes
Cooling system		Yes/No	No
CNC system		Optional	XD818MD3
Air pressure		pa	0.55-0.6Mpa
Machine power		V/Hz	AC220V/50Hz
Gross weight/net weight		kg	100/120
Product size/dimension		mm	845x580x850
shipping size/dimension		mm	950x680x950

Standard accessories

No.	Tools	Spec.	Qty
1	Drill Chuck Key	1-13mm	1
2	Drill chuck	1-13mm	1
3	Drill arbor	MT3 B16	1
4	Quick vise	Q19D75	1
5	Hex head bolt	M10*30	2
6	Flat Washer	ϕ10*30*2.5	2
7	T-slot Nut	M10*25	2
8	Hex Wrench set (6-piece)	S=3	1
9		S=4	1
10		S=5	1
11		S=6	1
12	Open End Wrench Set (3-piece)	S=8/10	1
13		S=14/17	1
14		S=17/19	1

15	Wrench	S=36	1
16	Spanner wrench	S=45/52	1
17	Fuse	3A	1
18	Oil bottle	35ml	1
19	Twist drill bit	Φ3	1
20	milling cutter	Φ6	1
21	Drawbar	105*M12	1
22	Spindle pin	ϕ10*105	1
23	Foot Pad	ϕ48*M12	4
24	Bakelite Block	50*50*20mm	1
25	Aluminum Block	50*50*20mm	1
26	Micro CNC milling manual	C17	1
27	CNC controller manual	Xendoll	1

Optional Accessories

No.	Tools	Spec.
1	Mill Chuck Set (8-piece)	/
2	Quick Vise	100mmS/N:10036
3	Clamping Kit (58-piece)	M10
4	Carbide end mill Set (6-piece)	Φ1-6
5	Fluts Hss end mill Set (7-piece)	4-16mm
6	Antimagnetic edge finder	/
7	Indexable carbide end mill	Φ50，MT3
8	the 4TH axis	/
9	Tailstock for the 4th axis	/
10	Z axis tool setter	/
11	MT3 Tapping handle and chuck	3,4,5,6,8mm
12	Vertical pneumatic chuck	/
13	Pneumatic vice	/
14	Base	850*580*820mm

Mill chuck set

Clamping kit
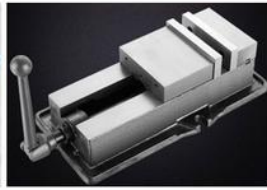
Quick vice

Carbide end mill 5 pieces set

Fluts Hss end mill 4–16mm

∅ 30mm

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)