PCB Router

PCB Router,CW-F01 Advantages:

1. Smooth cutting finish only by router cutting .

2. There is little distortion on PCB during cutting because using high-frequency spindle motor . It is 1 / 10 of pressing , 1 / 100 of breaking by hand .

3. One-touch program changeover .

4. Able to cut liner and arc with router machine , diminish the restriction on PCB design .

5. Read QR code or JIG BIT auto select cutting program , or check accordance between cutting program and JIG .

6. Powerful Dust Collection minimized dust adhesion on PCB .

7. Developed high performance router bit that expanded bit life and relief littering .

8. Cut down PCB cost because need not making V-groove on PCB

PCB Router,CW-F01 Specification:

Overall	
Dimensions(W*D*H)	1220mm*1450mm*1420mm
Weight	550KG
Height offset	60~110mm
Manipulator	
Motor type	JiaBao series
Positioning repeatability	0.001mm
Axis working area(max)	680mm*360mm*50mm
Work station	
PCB fixation	standard, specialization
PCB loading/unloading	manual

PCB size (max)	322mm*322mm
PCB thick (max)	5mm
Fixturing	
Rigidity fixturing	standard
Fixturing fixation	machinery
Spindle Motor	
Power	400W
Spindle	50000rpm/min
Protect	self/wind cooling
Change cutter	Specialization
Routing capability	
Cutting speed(max)	100mm/s
Driving speed(max)	3000mm/s
Precision of cutting	0.01mm
Vacuum System	
Vacuum power	2.2KW AC 380V
Vacuum	plumb
Utilities	
Power	2.2KW AC380V
Air supply	2~5KG/cm2
Programming	
Program edit	Inline
Function edit	Line, arc, circula, U-curve
Program storage	HDD
Vision system	SONE colour CCD
milling cutter offset	AUTO
Vacuum setup	AUTO
Operation Monitors	
Iindicator	Iindicator Machine state

tool check	Automatic detection tool life, the use of time testing
Motor protect	Have overheating, overload, low voltage protection function
motor over loading check	Have Overload, the line is normal, low voltage protection function
Tool usable time	Automatic detection tool life,
Data statistic	Separate board model, separating count, diverse counting methods
Error record	Software automatically records all alarms memory of machines
III. Accuracy	
Axis precision	0.001mm
Cutting precision	0.1mm
IV. Safety	
Working area protect	With four sealed protection
Door sensor	Front and rear safety door micro-switch sensor (optional)
Exigency stop button	