

## 01 Product Highlight

China  zone

### CNC6040Z Mini [Aluminum CNC Machine](#) with 2200W Spindle

#### Outstanding features as below

1. [Powerful 2200w Water Cooled Spindle](#) for selection
2. [Can machining aluminum](#)
3. Technical support always available with live video support.
4. Ball screw high precision.
5. Independent power supply for mainboard, prolong using life.
6. [Software: compatible with Mach 3 or USB CNC software.](#)
7. Limited switch added.
8. Auto-Checking function, easy to set origin of Z axis.
9. [Can be connected with computer by parallel port and notebook by USB interface](#)
10. Can engrave material such acrylic, brass, wood, aluminum, PCB and so on.
11. [Spindle diameter: 80mm](#)
12. [This CNC 6040Z has 3 axis and 4 axis for selection.](#)
13. We also have [HY-3040](#) and [CNC 6090](#) 2200W [CNC router aluminum](#)

P.S: [Original Mach3 soft](#) available



## 02 Parameters

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### CNC6040Z Mini Aluminum CNC Machine Parameters

effective working travel	375(X)mm*535(Y)mm*65(Z)mm
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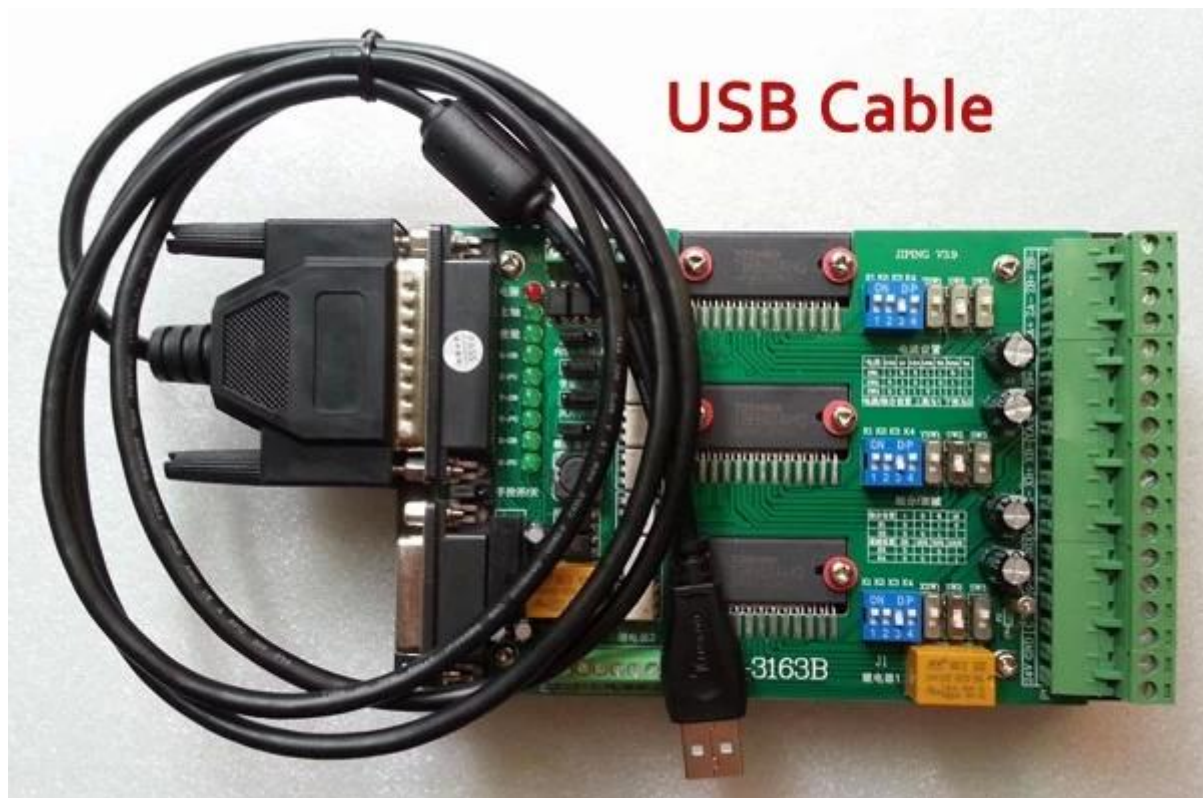
shape dimension	890*690*525mm
work table dimension	742mm*480mm
frame materials	Aluminum alloy 6063 and 6061 the unique and dedicated mold extrusion profiles. let counterfeiters dwarfs
acceptable material thickness	≤95mm
driving units	1605 ball screw (X/Y/Z axis)
sliding units	Dia.16mm chrome plate shafts (X axis)
	Dia.20mm chrome plate shafts (Y axis)
	Dia.13mm chrome plate shafts(Z axis)
stepping motor type	57 two-phase 3A 150N.cm
spindle motor	Brand new 2200W water cooling spindle, 24000RPM
principal axis collet	ER-11A 3-7mm, ER-16A 3-10mm
repeat accuracy	0.05mm
spindle precision	radial beat accuracy 0.03 mm
software environment	MACH3 Support windows XP, USB CNC support Windows XP, Windows 7
maximum speed	0-4000mm/min
control unit	Toroidal transformer + PWM power supply module + TB6560 3axis drive board
computer connection	USB port and parallel port
command code	G code, or any MACH3 support format file
protection	Emergency stop button
operating Voltage	AC220V / AC110V
accessories	pump, auto checking tool , cutter, same as accessories photo
warranty	two Year
package and size	two Cartons package , 60*52*43cm and 80*22*63cm
gross weight	58KG







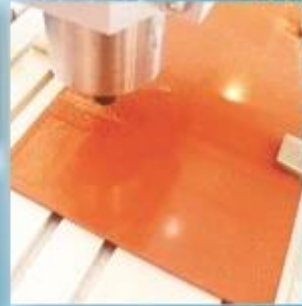






[www.chinacnczone.com](http://www.chinacnczone.com)

# Live Demo



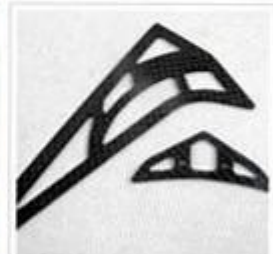
PVC



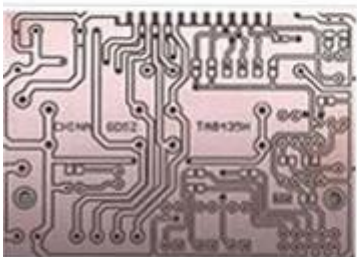
DOUBLE COLOR BOARDS



WOOD



CARBON FIBER REINFORCED  
PLASTICS PLATE



PCB



WAX



DOUBLE COLOR BOARDS



EPOXY TOOLING BOARD









**QA Inspection Area**



**Mechanical Assembly Area**



**Machine Commissioning Area**



**Finish Products Area**

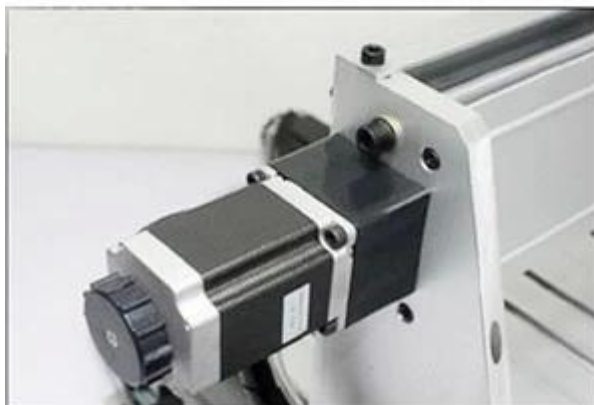


**Packaging Area**



Always be imitated, never be surmounted.

We all use well-designed professional aluminum to manufacture the machine. Almost all of the structural member are extruded by a dedicated mold. The production of large quantities so that we have a strong price competitiveness. Professional mold and materials so that our quality has been stable protection.









ChinaCNCzone, engrave your colorful life!

## 客户合影及企业文化

