

ChinaCNCzone CNC Router 6040 3 Axis main features as below:

1. with 1500W and 2200W spindle for selection.
2. can be updated into [4 axis CNC](#) easily and directly after you get the 4th axis rotary from ChinaCNCzone.
3. The Z axis effective working area is 105mm, and accept material thick 145mm.
4. With water sink cool system and can protect the spindle efficiently.
5. Ball screw high precision.
6. Independent power supply for mainboard, prolong using life.
7. Limited switch added.
8. Auto-Checking function.
9. Can engrave material such acrylic, brass, wood, aluminum, PCB and so on.
10. Spindle diameter: 80mm
11. From professional china [mini CNC](#) router manufacturer.
12. It has three different types of controllers according to users' need. (USB controller box for USB CNC software and parallel port for mach3 cnc software, DSP controller box no need use mach3 software, and mach3 USB controller box for mach3 software.)

### **What are the advantages of the USB controller box?**

1. with the USB CNC cable, you can use the usb CNC software
2. with the parallel port, you can use the mach3 software
3. High performance, lower cost.

# Type 1 controller

Front



Back

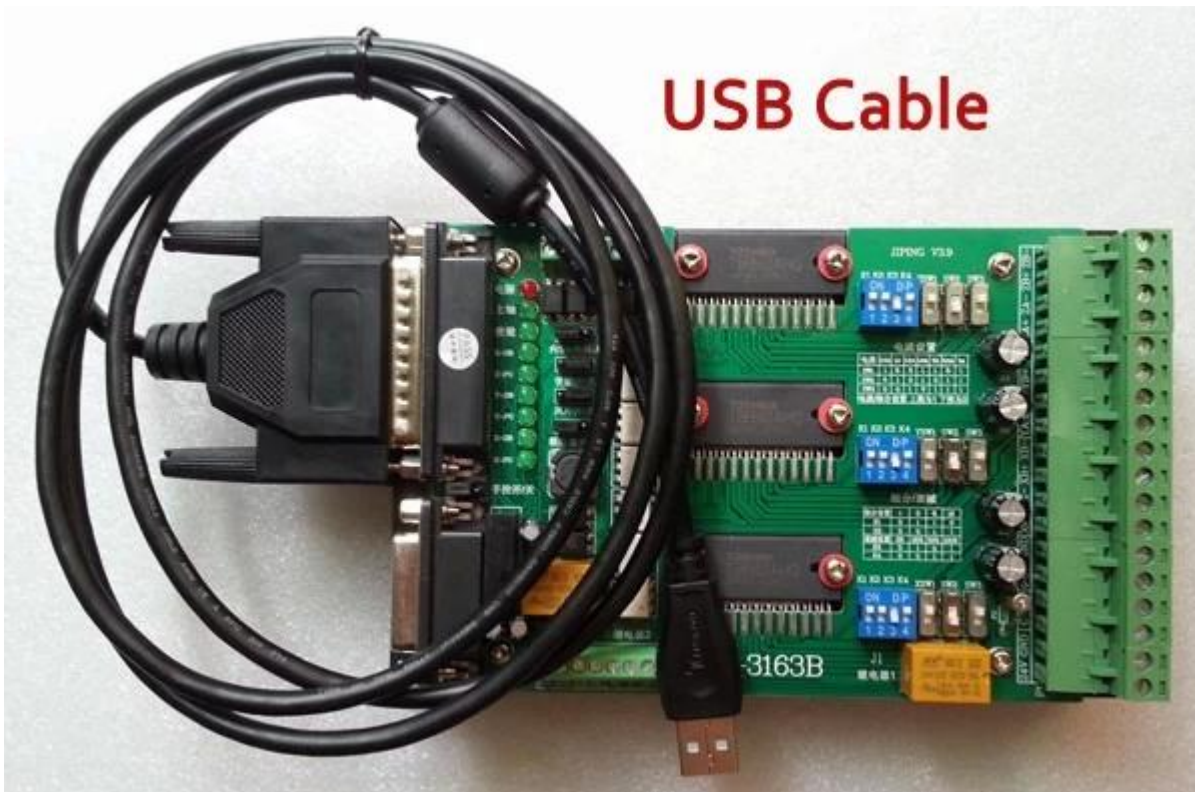


parallel port +

USB CNC cable (option)



# USB Cable



### What are the advantages of the DSP controller box?

1. with the DSP controller box with independent DSP system, the [mini CNC router](#) can work without a computer.
2. After copy the G-code to your SD card, you can insert TF memory card to the TF card slot on the DSP controller box, and then run the G-code directly,
3. G-code files can be directly edited, delete, insert through the DSP controller system.
4. Very easy to operate and suitable for factory application.
5. Select the mini CNC router with DSP controller system, NO need to to use the mach3 software any more.

## Type 2 controller

TF/microsd card slot  
data transfer

Front



Back



### What are the advantages of the Mach3 USB controller box?

1. For the users who familiar with mach3 software, select this controller, you can use the mach3 software easily through the USB interface directly.
2. High performance, time saving and cost a little higher.

# Type 3 controller

Front



Back



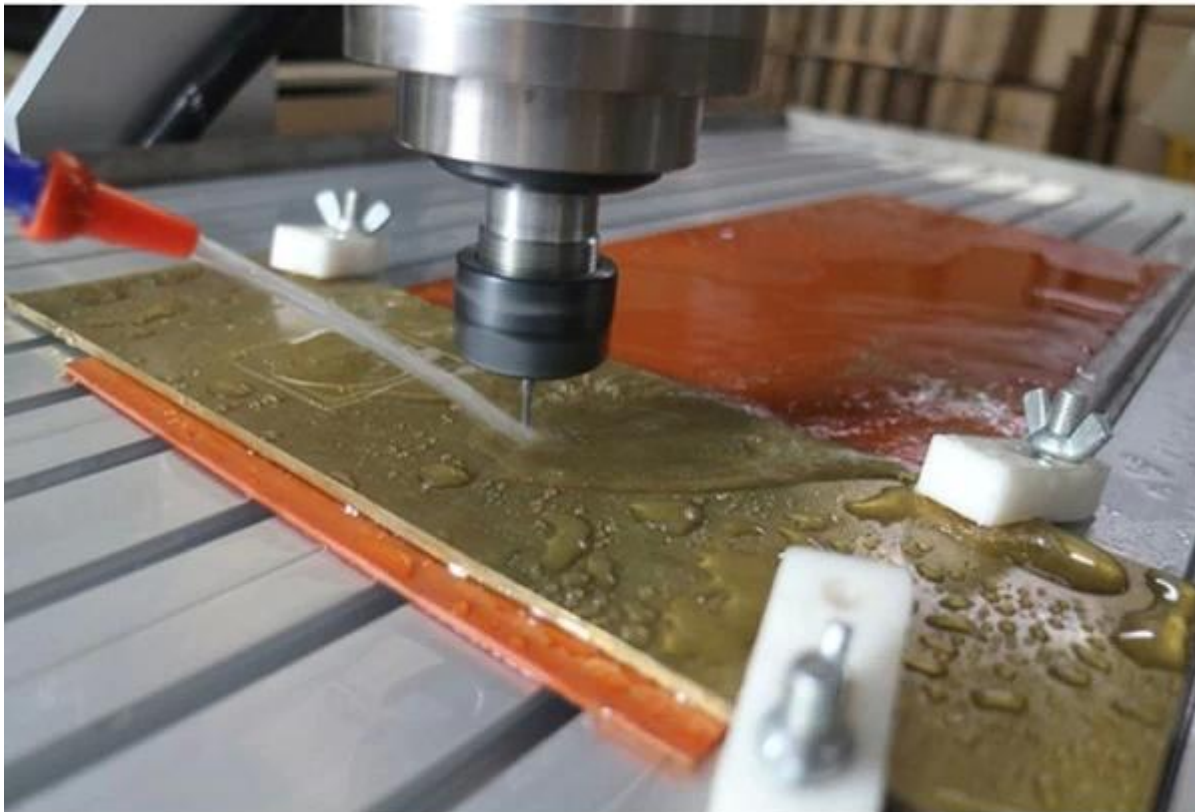
## Why add the Sink cooling system ?

It can cool the spindle and protect the machine.

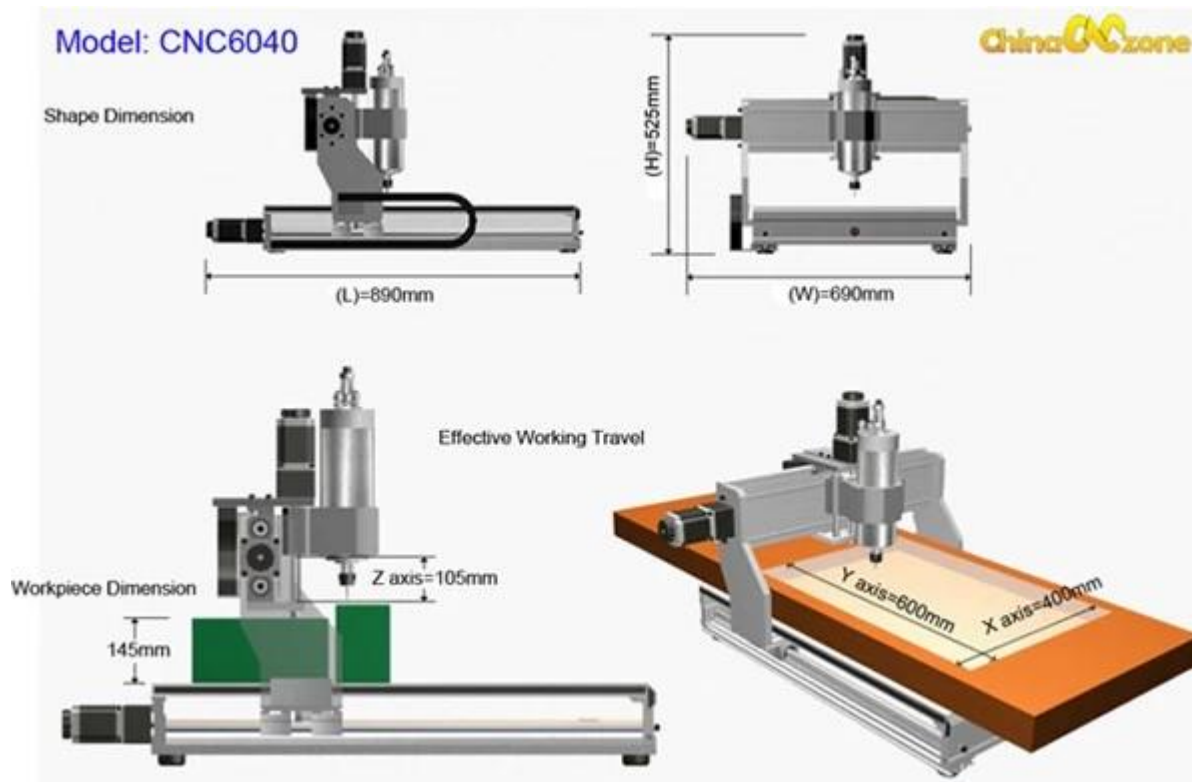
Avoid the spindle burn out when you

Can engrave the high hardness or metal

It can improve the efficiency and accuracy of the machine.



What is the dimension for this CNC Router 6040 3 Axis?



What is the new for the Z axis for this 6040 CNC router 3 Axis?

## *New Model*

## *Old Model*



*Z-axis maximum acceptable 65mm*

*Z-axis maximum acceptable 105mm*

Note: You may also be interested in below, just click below link::

A. [The Outstanding Features for ChinaCNCzone MACH 3 USB CNC 6040 3 Axis 1500W 2200W](#)

B. [The comparisons of CNC 6040 made by ChinaCNCzone and Other suppliers.](#)

C. [What are the differences between ChinaCNCzone NEW CNC 6040 and Old Version?](#)



02 Parameters

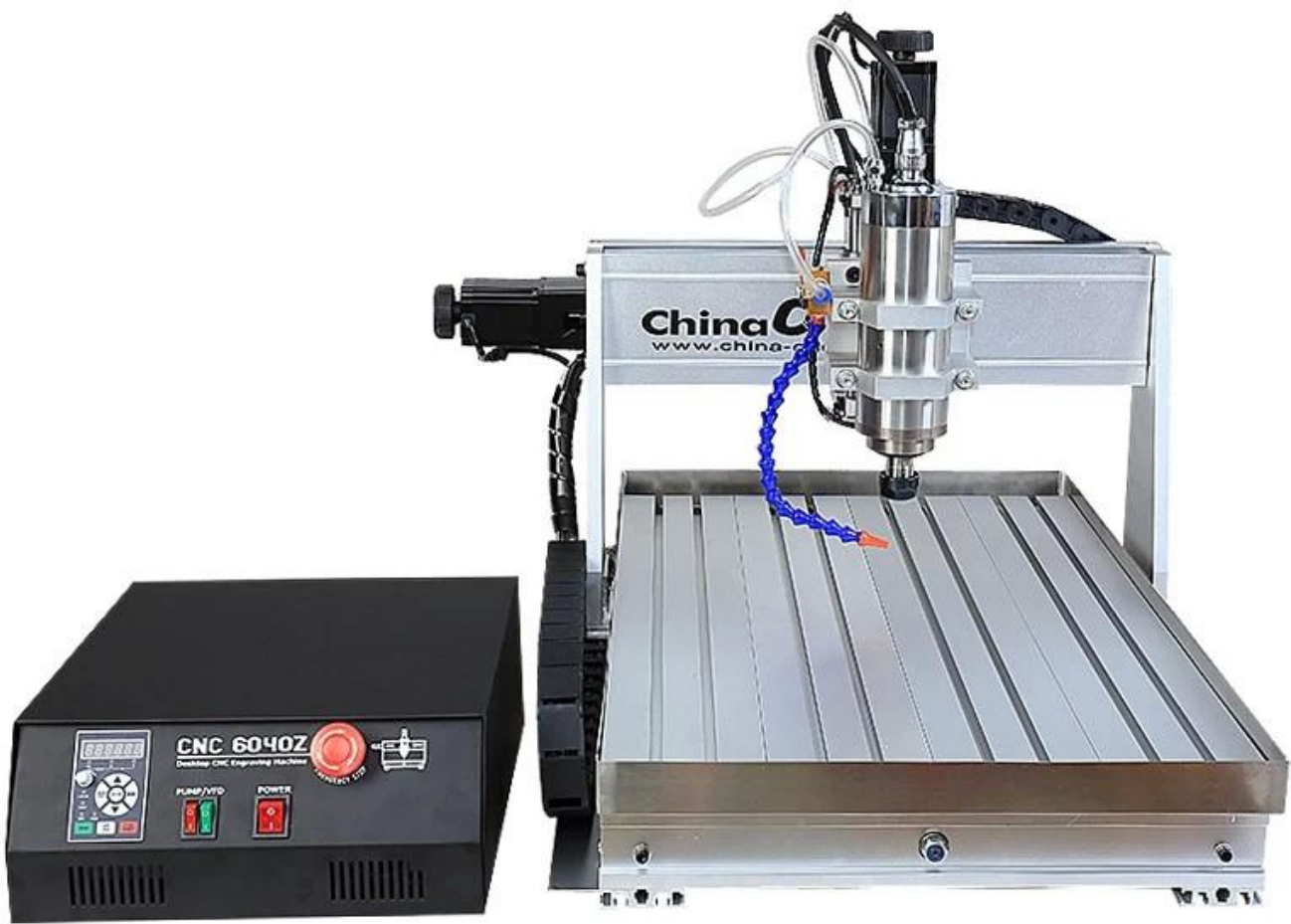
ChinaCNCzone



This DSP Mach3 USB <a href="#">CNC 6040</a> 3 Axis s Mini CNC Router parameters		
Effective working travel		580(X)mm*400(Y)mm*105(Z)mm
Shape dimension		880*670*640mm
Max.workpiece dimension		750mm*450mm<150mm
Work table dimension		750mm*480mm
Frame materials		aluminum alloy 6063 and 6061 the unique and dedicated mold extrusion profiles. let counterfeiter's dwarfs
acceptable material thickness		≤145
Driving units	X axis	1605 ballscrew
	Y axis	1605 ballscrew
	Z axis	1605 ballscrew
Sliding units	X axis	Dia.16mm chrome plate shafts
	Y axis	Dia.20mm chrome plate shafts
	Z axis	Dia.13mm chrome plate shafts
Stepping motor type		57 two-phase 3A 150N.cm
Spindle motor		brand new 1.5KW water cooling spindle, 24000RPM
Principal axis collet		ER11/3.175 mm/6mm
Repeat accuracy		0.05mm
Spindle precision		radial beat acuities 0.03 mm
Carving Instructions		<a href="#">G code</a> / <a href="#">TAB files</a> / <a href="#">nc file</a> / <a href="#">NCC files</a> / <a href="#">DXF file</a> / <a href="#">GERBER file</a>
Communication interface		<a href="#">through parallel and USB connection with computer</a>
Software environment		<a href="#">Windows xp</a> / <a href="#">Win7</a> / <a href="#">Win8</a> / <a href="#">Win10</a>
Maximum speed		0-4000mm/min
Carving speed		0-2500mm/min (different materials differ)
Control unit		Toroidal transformer + PWM power supply module + TB6560 3axis drive board
Computer connection		parallel port/USB port
Command code		G code
Acceptable software		Mach3,USBCNC
Protection		Emergency stop button

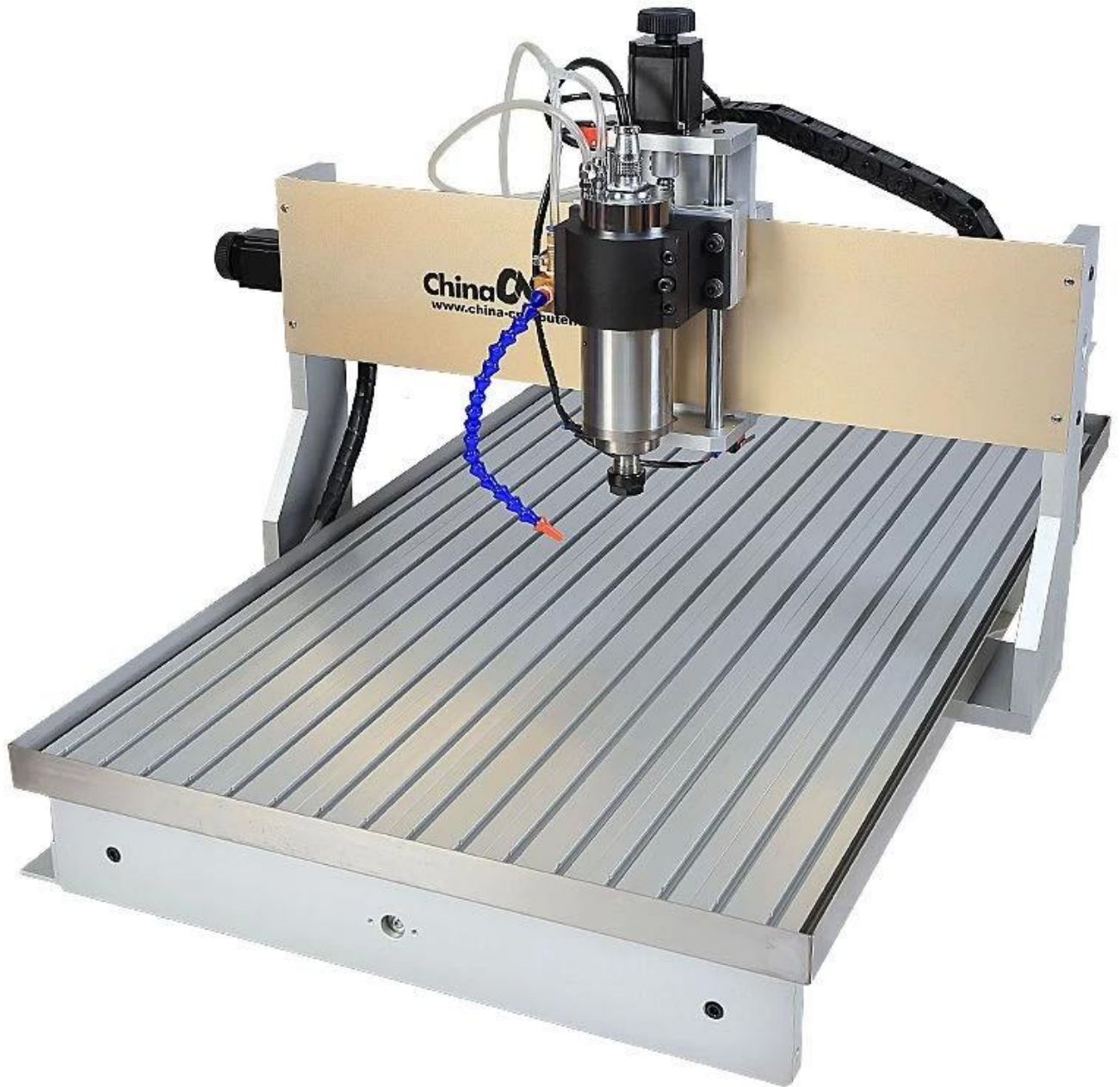
Operating Voltage	AC110V/AC220V
Machine weight (Package weight)	3 axis 82KG, 4 axis 85kg
package dimension	top 122*86*83

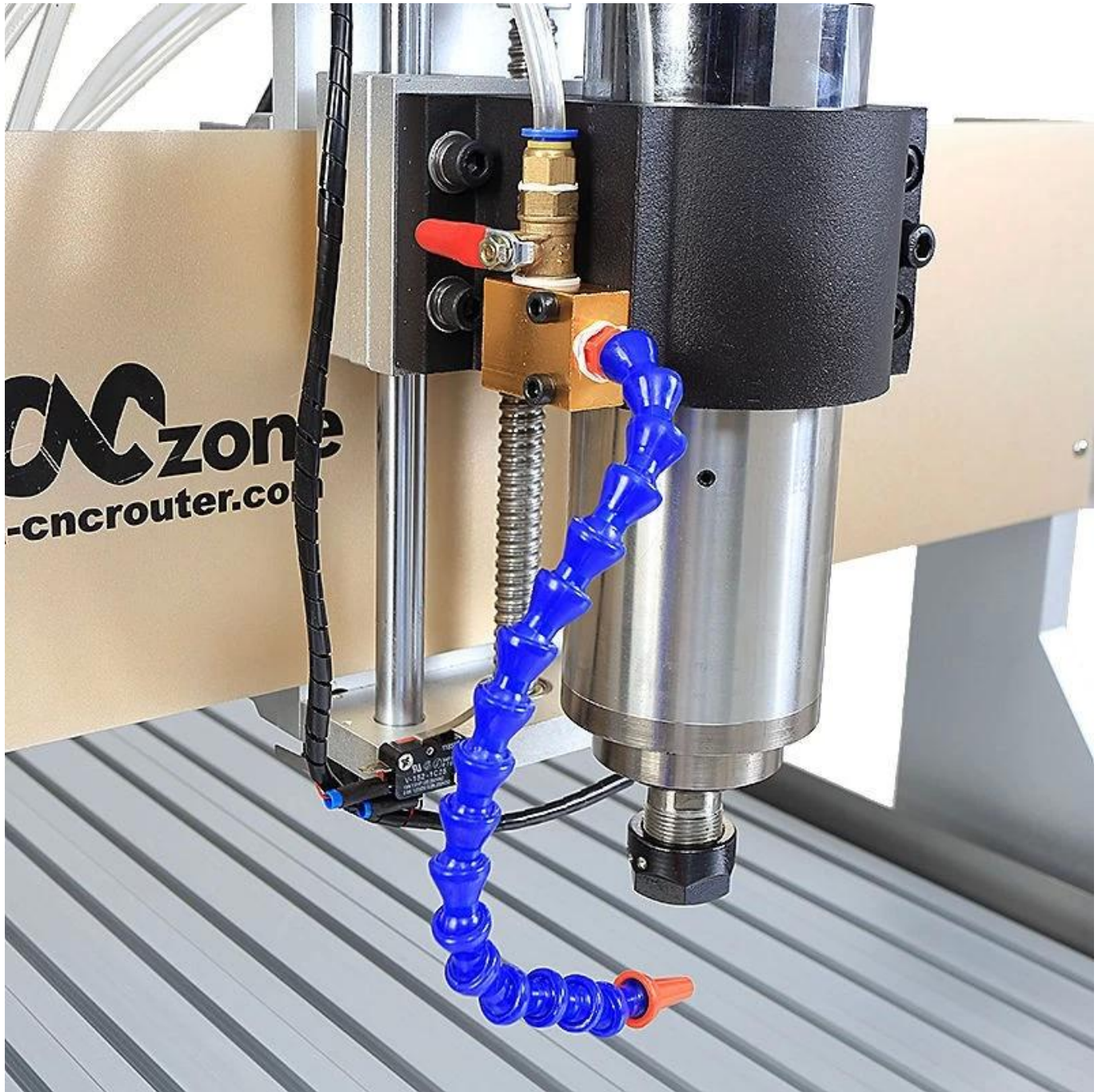
# 03 Product Images ChinaCzone

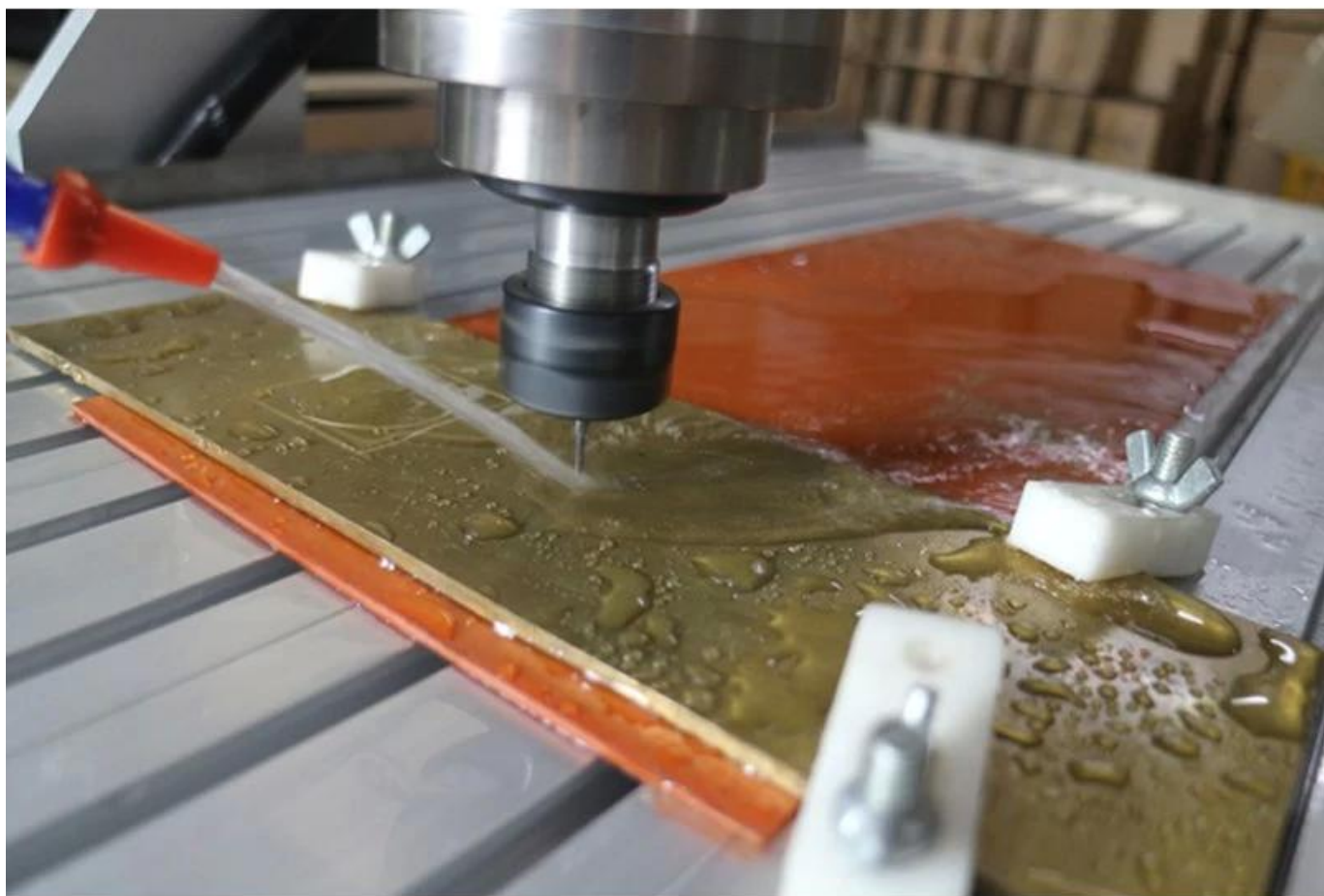














*Ball screw high precision*



## 04 Applications

ChinaCCzone

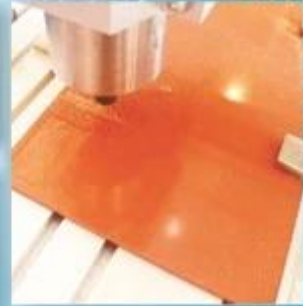
This DSP Mach3 USB CNC 6040 3 Axis [Mini CNC machine](#) can be widely used as below:

- A. Widely used not only for Aluminum but also acrylic, brass, wood, PVC, PCB and so on.
- B. Ideal for milling, engraving, drilling & routing.
- C. For Industry, Technology Research, Advertising Design, Arts Creation, Teaching, Student Project and Hobby Purposes, Building Model Making, Advertising Signs, Artwork, Crafts, Aircraft Models, RC Model parts



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

# Live Demo



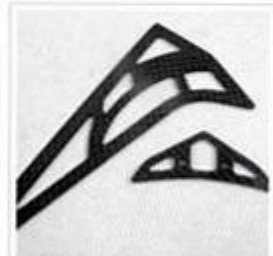
PVC



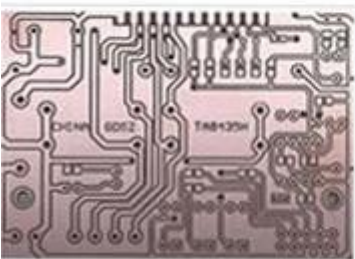
DOUBLE COLOR BOARDS



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**

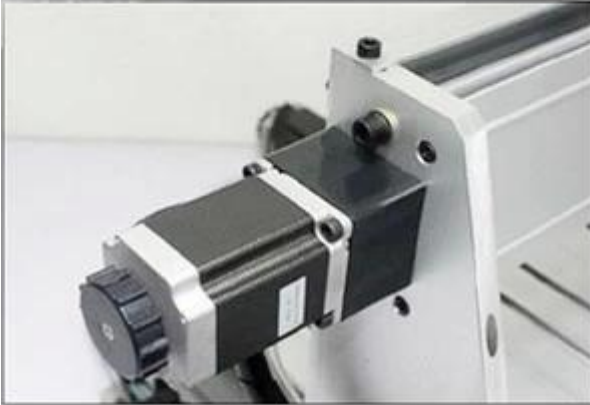


**Packaging Area**



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.



### Certificate of Conformity

Notifying in Compliance (Directive 2006/95/EC)  
 Certificate No. 2014071000250000

**Product:** Shenzhen Scythe Technology Ltd  
 Room 70, Puzhou Building, Futian District, Fuzhou, Shenzhen, China  
**Manufacturer:** Shenzhen Scythe Technology Ltd  
 Room 70, Puzhou Building, Futian District, Fuzhou, Shenzhen, China  
**Product No.:** SC-102040

**Product:** Data Acquisition Card (DAC)

**Model No.:** SC1012-2040, SC1012-4040, SC1012-8040, SC1012-16040, SC1012-32040, SC1012-64040, SC1012-128040, SC1012-256040, SC1012-512040, SC1012-1024040

**Test Report No.:** 2014071000250000

**Test Reference:**  
 EN 61010-1:2012  
 EN 61010-2:2012  
 EN 61010-3:2012  
 EN 61010-4:2012  
 EN 61010-5:2012



EST Standard Testing & Certification



### 商标注册证



核定使用商品(第9类)  
 电路板、电路板、集成电路、印制电路板、专用集成电路、单片机、报警器、键盘、计算机、计算机系统、计算机用软件、笔记本电脑、移动通信终端、手持式移动电话、便携式电话机、寻呼机、移动电话机、无线收发信机、无线收发设备、无绳电话机、移动电话系统、移动电话设备、无线局域网设备、无线局域网设备、无线局域网设备、无线局域网设备、无线局域网设备、无线局域网设备、无线局域网设备、无线局域网设备

注册人: WUYUZHONGZHUO

注册地址: TIANJIN QINHUANGDAO WUYUZHONGZHUO

注册有效期: 自 2014 年 08 月 01 日至 2024 年 07 月 31 日

局长签字: **许瑞表**




### COMPANIES ENACTMENT

CHAPTER 58  
 S. 88 - 93

### CERTIFICATE OF INCORPORATION

INCORPORATED IN HONG KONG

Company Name: SCYTHE TECHNOLOGY (HONG KONG) LIMITED  
 INCORPORATED IN HONG KONG

Registered Office: 17/F, 77, South Bay Street, Kowloon, HONG KONG

Issued by the Commissioner on: 13 April 2014  
 HONG KONG

The Registrar of Companies  
 HONG KONG



### CERTIFICATE OF INCORPORATION

OF A PRIVATE LIMITED COMPANY

Company Number: 8257595

The Registrar of Companies for England and Wales, hereby certifies that  
**UK SCYTHE TECHNOLOGY LTD**

In this day incorporated under the Companies Act 2006 as a private company, that the company is limited by shares, and the situation of its registered office is in England and Wales.

GIVEN at Companies House, Cardiff, on 17th October 2012.



Companies House  
 -- In Ireland --

### VAT Certificate

UK Registration Number:	251 0944 82
UK registration status:	Registered

**Business details**

Registered name: UK SCYTHE TECHNOLOGY LTD  
 Trading name: Not provided

Principal Place of Business address line 1: UNIT 7 ROBERT WAY  
 Principal Place of Business address line 2: INTERNATIONAL TRADING EST  
 Principal Place of Business address line 3: SOUHLONG  
 Principal Place of Business address line 4: HONGKONG  
 Postcode: 985 507

Bank account number: \*\*\*\*0216  
 Bank sort code: 40 30 33  
 Type of business: Incorporated company  
 Trade description (SIC code): 47198  
 Business activity description: Retail sale via mail order catalogue or via Internet

**Important dates**

Effective date of registration: 01 Jan 2012  
 Date of certificate: 25 Dec 2012  
 VAT return period start date: 31 Jan 2013  
 Preparing of returns: Quarterly in April, July & October

[Help](#) [Contact](#)



### CREDIT CHECKED

by ALIBABA FINANCIAL

This supplier has been Credit Checked by Alibaba Financial.

Matching Zhu Shen Shenzhen Scythe Technology Ltd  
 The credit check validity period: 2014-03-14 to 2015-03-13

This company has passed a financial assessment (including a credit check) conducted by Alibaba Financial. The scope of Alibaba's financial assessment of suppliers includes, but is not limited to: Supplier's bank of China credit archive, business data, Alibaba network behavioral data, corporate and personal balance sheets, credit assessment records.

Please note: Alibaba Financial provides credit checks as a value-added service that shall not be a party to or bear any responsibility in case of any dispute raised.

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Alibaba Financial aims to serve better businesses by providing comprehensive and professional financial services. By utilizing data integration, third-party data and value behavioral data, we are able to provide credit investigation and financial score prediction platform such as Alibaba.com, Alibaba.com and headScore. We also offer insurance and insurance platform financial services. Alibaba Financial always staff to assisting value businesses by providing credit services to their credit records. Alibaba Financial is the best choice for value financial services.

# SHENZHEN SCOTLE TECHNOLOGY GROUP LIMITED

ChinaCNCzone, engrave your colorful life!

## 客户合影及公司文化 Customers and Company Culture

