# 01 Product Highlight

ChinaCNCzone

**ChinaCNCzone Latest CNC 6040Z 3 Axis Mini CNC Milling Machine for Sale**

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
acceptable material thickness ≤150mm

**Outstanding features as below**

1. 1500w / 2200w Water Cooled Spindle for selection
2. Can be updated into 4 axis CNC Router 6040 easily.
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. Can ship from our overseas warehouse.
13. From professional china mini CNC router manufacturer.

P.S: Original Mach3 soft available

Note: You may also intrested 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

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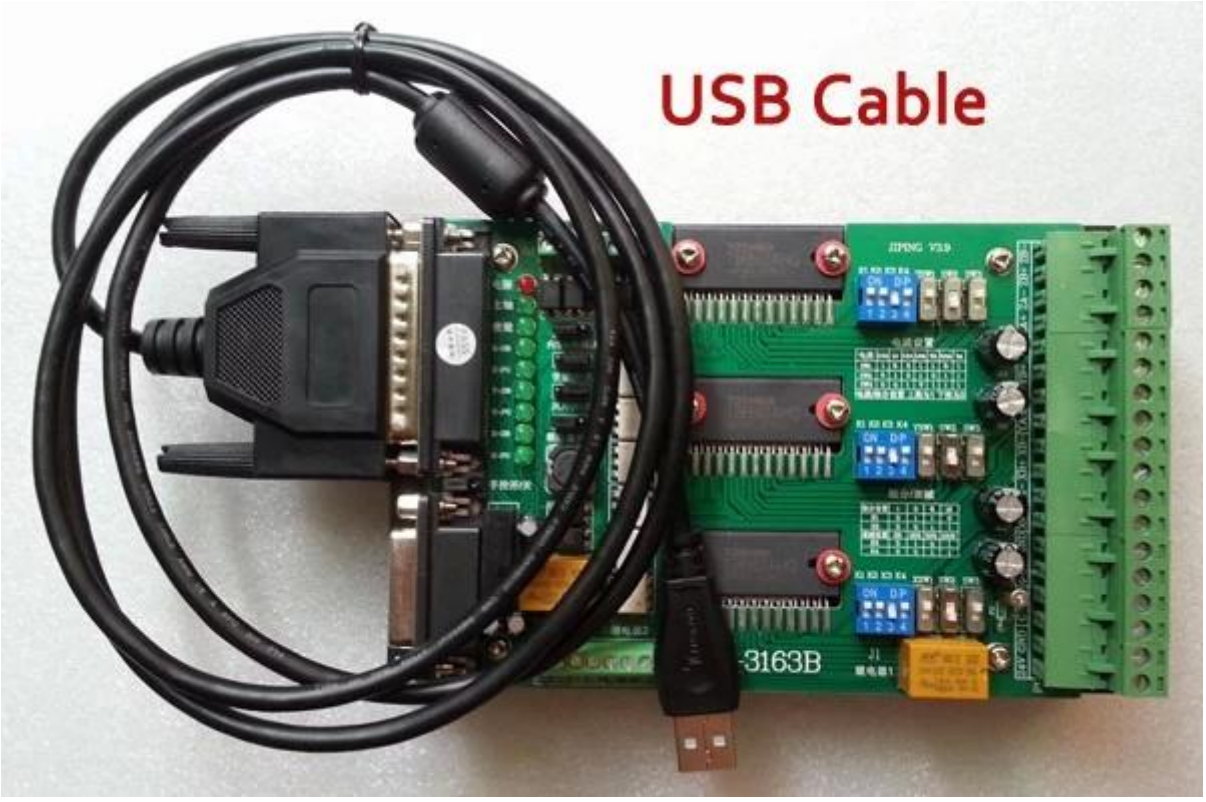
| CNC 6040Z mini CNC router parameters (Latest releasef Version) | | |
|---|---|---|
| Effective working travel | | 580(X)mm*400(Y)mm*105(Z)mm |
| Shape dimension | | 880*670*640mm |
| Max.workpiece dimension | | 750mm*450mm<150mm |
| Work table dimension | | 750mm*480mm |
| Frame materials | | aluminum alloy 6063 and 6061 the unique and dedicated mold extrusion profiles. let counterfeiters dwarfs |
| acceptable material thickness | | ≤150mm |
| 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 | | G code/TAB files/nc file/NCC files/DXF file/GERBER file |
| Communication interface | | through parallel and USB connection with computer |
| Software environment | | Windows xp/Win7/Win8/Win10 |
| 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 57kg 4 axis 60KG |
| package dimension | top□62*49*52cm Bot:80*22*63cm |

## 03 Product Images

zone
crouter.com
CNC 6040Z
POWER



## 04 Applications

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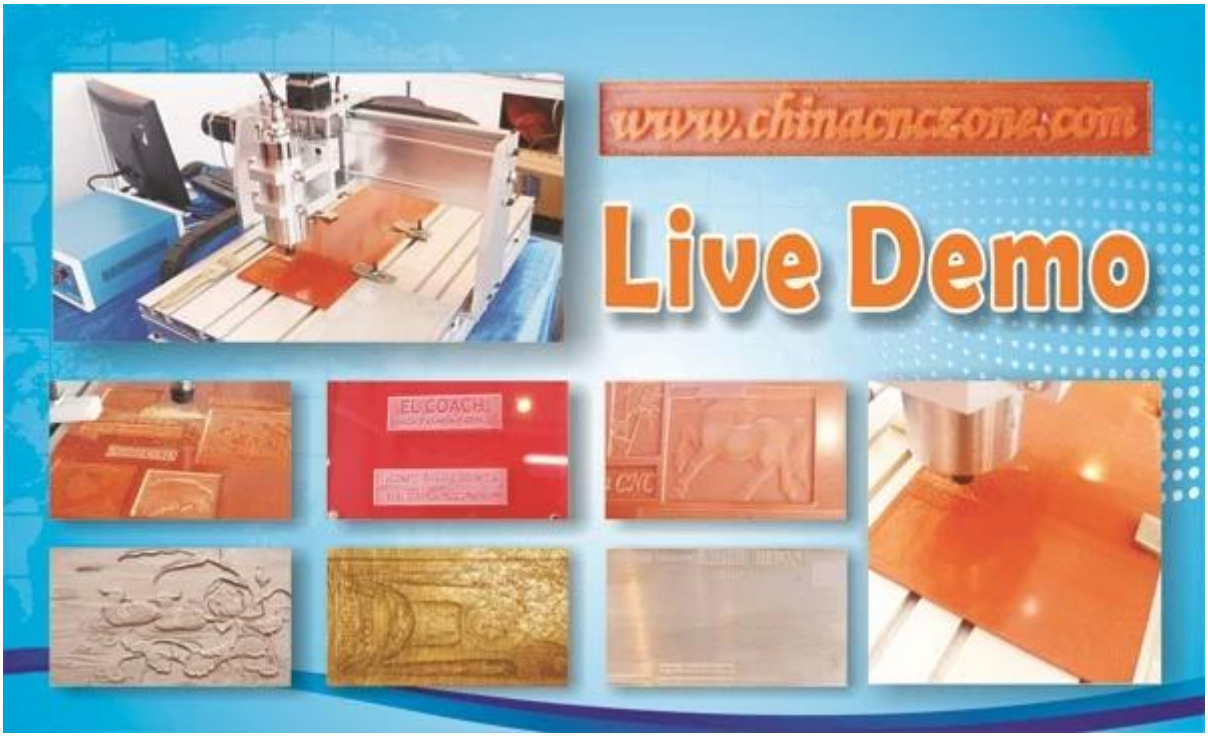
This CNC 6040Z 3 Axis CNC router can be widely used as below:

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



QA Inspection Area

Mechanical Assembly Area

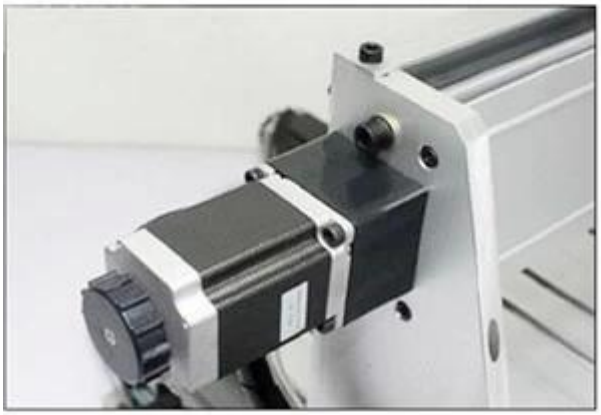
机器调试区
Machine Commissoning Area

成品测试区
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.



## 07 Company culture

ChinaCCzone

**SHENZHEN SCOTLE TECHNOLOGY GROUP LIMITED**

ChinaCNCzone,engrave your colorful life!

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