

## 01 Product Highlight

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USB 3040 [CNC 4 Axis Router](#), it is one of our hottest sale [mini CNC routers](#).

### **Outstanding features as below**

1. BALL Screw,high precision
2. [4th axis can be Plug-and play, no need to replace controller box.](#)
3. 230W /[500W](#) DC spindle.
4. Limited switch added.
5. Auto-Checking function, easy to set origin of Z axis
6. Technical support always available, video supported.
7. Software: compatible with Mach3 or USB CNC software.
8. CE approved
9. [Can be connected with computer and notebook by USB interface](#)
10. English manual available.
11. Original mach 3 software and common mach3 software for selection.
12. Can engrave material such acrylic, brass, wood, aluminum, PCB and so on.
13. From reliable & trustable profesional [China CNC Router](#) manufacturer.
14. [Original Mach3 software can be provided.](#)

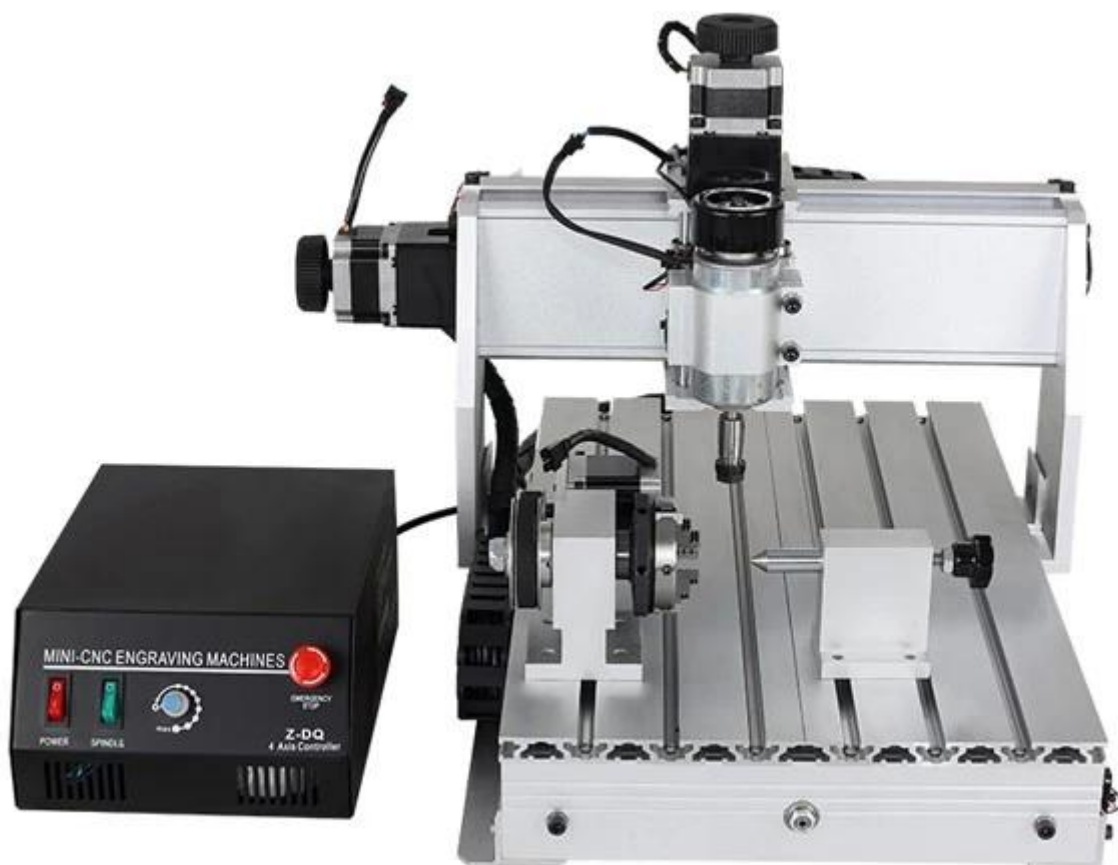
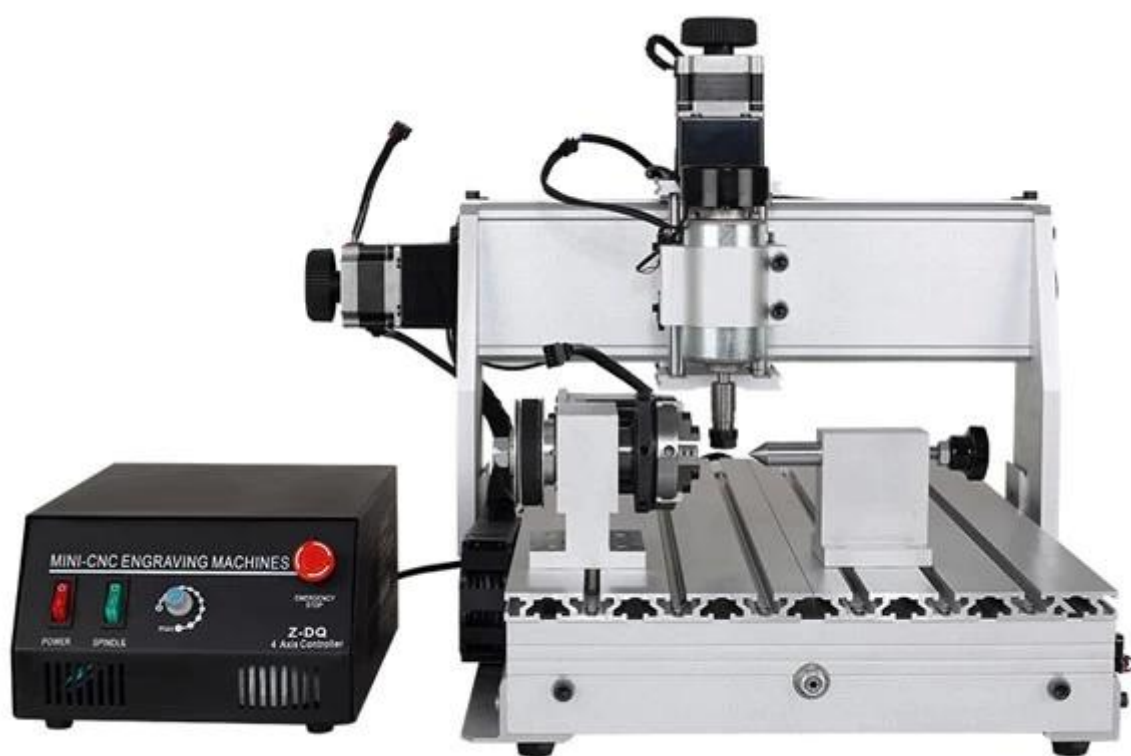


## 02 Parameters

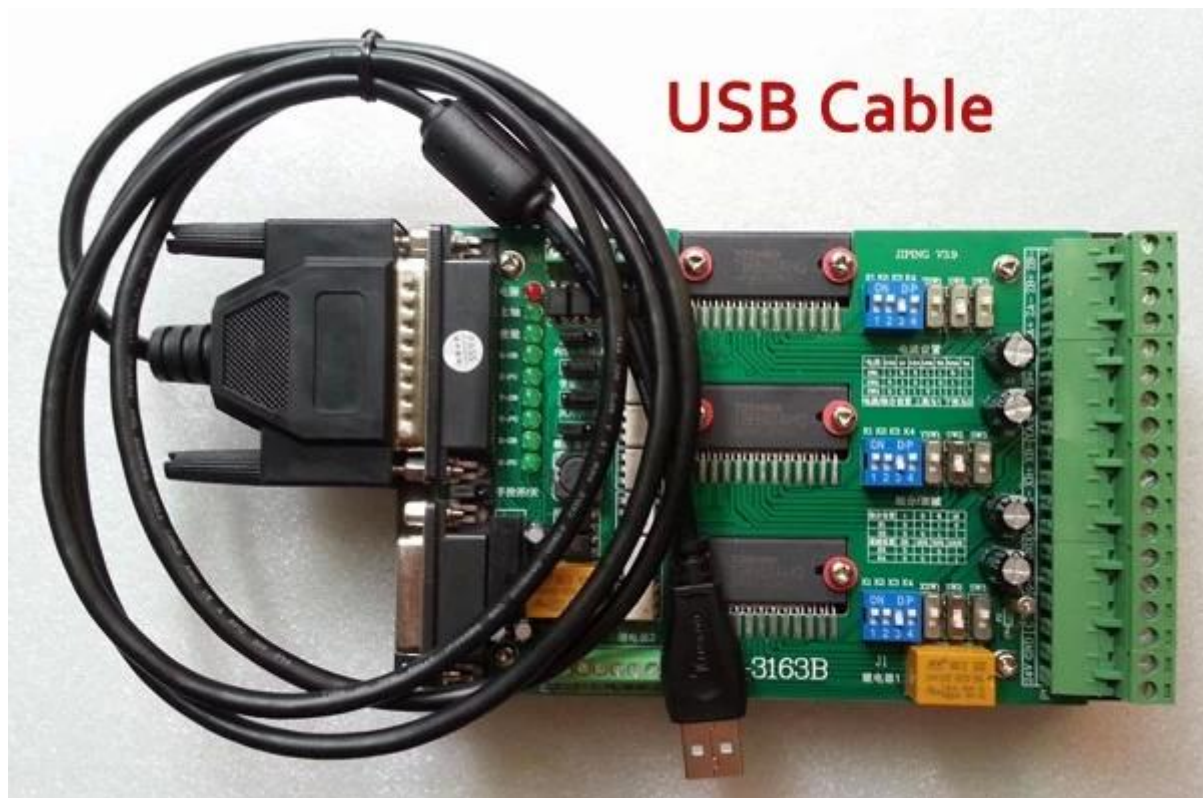
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| USB 3040 CNC 4 Axis Router Parameters |                           |
|---------------------------------------|---------------------------|
| Effective working travel              | 370(X)mm*280(Y)mm*55(Z)mm |
| Shape dimension                       | 625*510*410mm             |

|   |   |
|---|---|
| Table size  | 520*320                                     |
| Frame materials   | aluminum alloy 6063 and 6061                |
| Driving units X/Y/Z axis  | 1204 Ball Screw                             |
| Sliding units X axis  | Dia.16mm chrome plate shafts                |
| Sliding units Y axis  | Dia.20mm chrome plate shafts                |
| Sliding units Z axis  | Dia.13mm chrome plate shafts                |
| Stepping motor type   | 57 two-phase 2.5A                           |
| Spindle motor   | Brand new 230w dc motor 1000~8000PRM/Min    |
| Principal axis collet   | ER11/3.175 mm                               |
| Repeat accuracy   | 0.05mm                                      |
| Spindle precision   | radial beat accyracy is 0.03 mm             |
| Carving Instructions  | G code, or any MACH3 support format file    |
| Software environment  | Windows xp/ Windows 7                       |
| Maximum speed   | 0-3500mm/min                                |
| Carving speed   | 300-2500mm/min (different materials differ) |
| Computer connection   | On board parallel port and USB port         |
| Acceptable software   | Mach3, USB CNC, EMC2                        |
| Protection  | Emergency stop button                       |
| Operating Voltage   | AC220V/ 110V                                |
| Packing Dimensions  | 63*51*42                                    |
| Weight  | 30KG  |
| <b>The 4th axis parameter for <a href="#">3040 CNC Router</a></b> |   |
| Size  | 54*59*73mm                                  |
| Top diameter  | 15mm  |
| Centre-height   | 50mm  |
| Clamping diameter   | 40mm finger tight fitting                   |
| Reduction ratio   | 1:03  |
| Error Range   | 0.1   |









## 04 Applications

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This **USB 3040 CNC 4 Axis Router** can be widely used to engrave wood, acrylic, brass, aluminum, PVC, PCB and so on.

www.chinacnczone.com

# Live Demo

The banner displays a variety of CNC workpieces, including:

- A red acrylic plate with a logo.
- A brass plate with a relief of a lion.
- A wooden plate with a floral engraving.
- A metal plate with a complex geometric pattern.
- A small metal part with a hole.
- A small metal part with a slot.
- A small metal part with a hole and a slot.
- A small metal part with a hole and a slot.











**QA Inspection Area**



**Mechanical Assembly Area**



**Machine Commissioning Area**



**Finish Products Area**



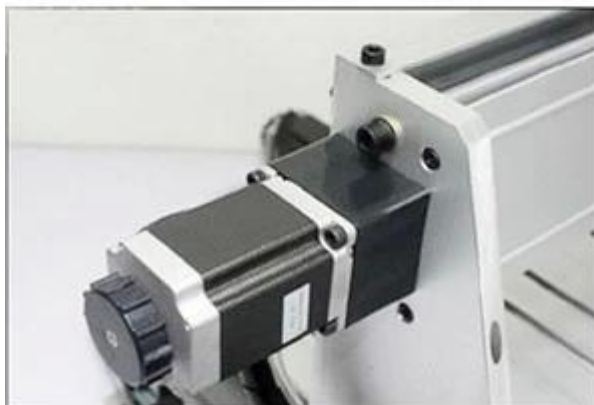
**Packaging Area**





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!

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