

Latest Small Desktop [5 Axis CNC](#) 6040 Router Engraver Milling Machine from ChinaCNCzone. We also call it [HY-6040 Version 2](#).

According to users' request, we updated the configuration as below:

1. Support USB (the old with parallel port)
2. With 5 independent driver for each axis. (the old is 5 in 1, not high accuracy and independent)



3. Use integrated control mainboard, very steady.



4. With stainless steel water tank. (the old is acrylic water tank)
5. Specially design the fastener for the 5th axis, and the vibration was reduced efficiently and bring high accuracy.
6. Provide the test G-code and technical support freely.
7. Users need to pay customized G-code design.

Easy operating because:

- Integrated high-speed micro computer intelligent control chip.
- With external digital LCD monitor and handwheel controller.
- The working process can be tracked, recorded in the digital LCD monitor automatically.
- Mach 3 software
- Built in frequency converter and without controller box.

Higher precision because:

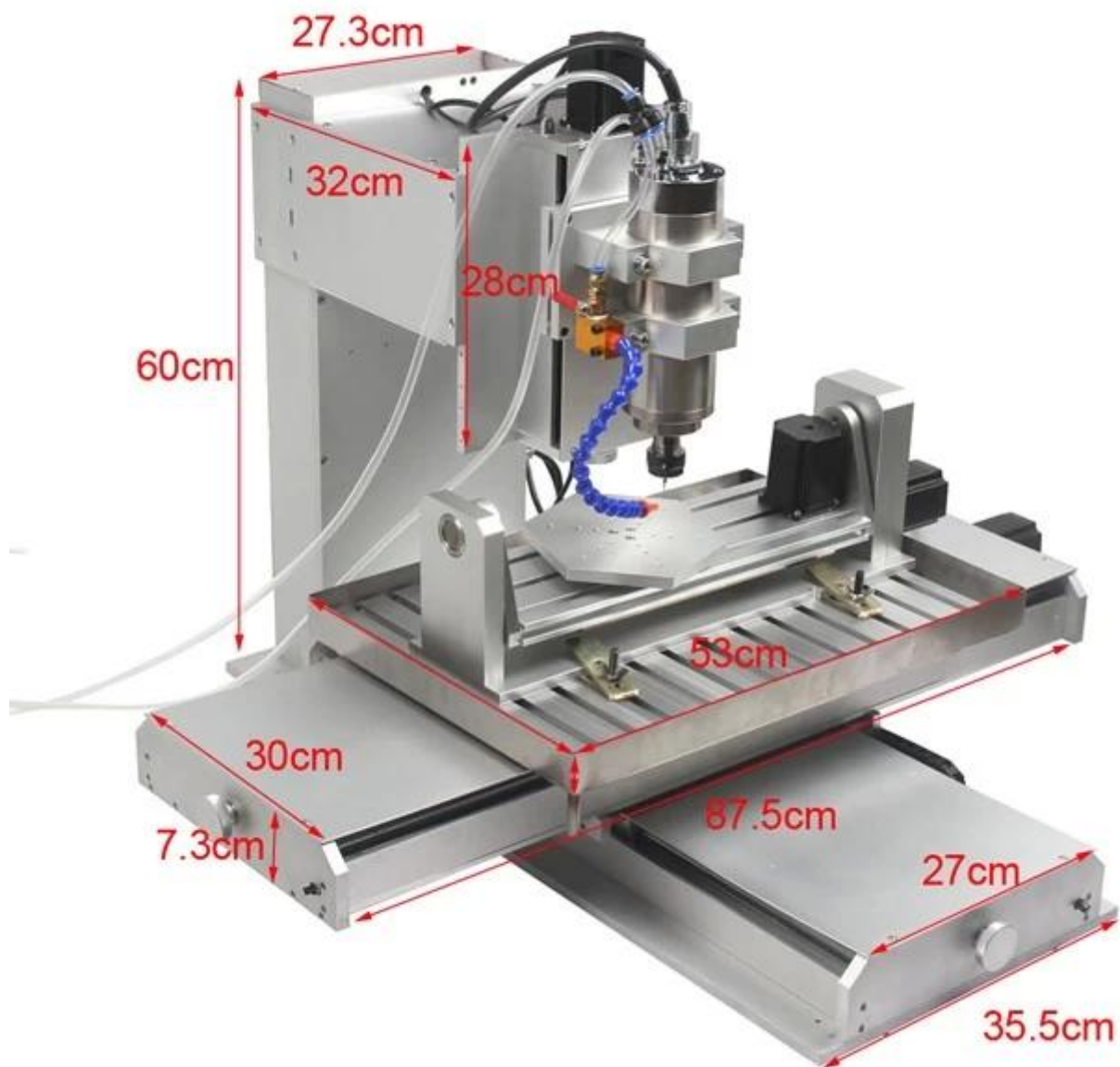
- Cross slippery platform design rather than gantry design.
- Aluminum base sheet is heavy which can make sure no vibration when work.
- With auto-checking function.
- 1500w/2200W frequency water-cooled spindle for your selection.
- Ball screw.

You can buy this Latest Small Desktop 5 Axis [CNC 6040 Router](#) Engraver Milling Machine from us without any worry

- CE approved.
- Video support.
- English manual available.
- Mach 3 software send with the machine as a CD.
- **Can rock material well 45 degree.**
- From reliable & trustable profesional [China CNC Router](#) manufacturer.

02 Parameters

China  zone



Latest Small Desktop 5 Axis CNC 6040 Router Engraver Milling Machine V2	
product dimension	715(H)*700(L)*610(W) mm
effective work area	600*400*150mm
precision ballscrew	1605
XYZ rail material	hard chrome shaft
XY rail diameter	20mm
Z rail diameter	16mm
XYZ axis torque	57*78 250 OZ/IN (2.2N/CM)
4th and 5th	57*56
4th and 5th transmission ratio	1:6
repeat positioning accuracy	0.01mm
working precision	0.02mm
processing speed	0-4000 mm/min

A-axis B-axis rotation speed	0-180 rpm/min
XY table maximum load	50kg
XY+A+B axis table maximum load	15kg
tailgate material	stainless steel
switching power supply	integrated 24V 350W
spindle power	1500W/ 2200W water-cooled frequency spindle
input power	220V/ 110V power supply
output current	drive 4.5A (peak 5A)
collet size	3/3.175/6mm if need others change into ER11 first
high efficiency water pump	55W, 46.6L /Min
drive motor	57*78 stepper motors (two-phase 4 wire)
engraving material	Metal, Brass, Acrylic, Wood, Aluminum, Stainless Steel
	(hardness less than 45 degree)
support computer system	windowXP
how to connect with computer	USB connection
software	MACH3 3.04
net weight	103kg
packing	wooden box
outside packing	88*96*92 (cm)
weight	149kg





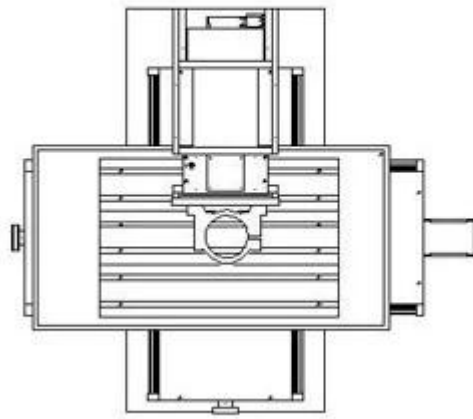
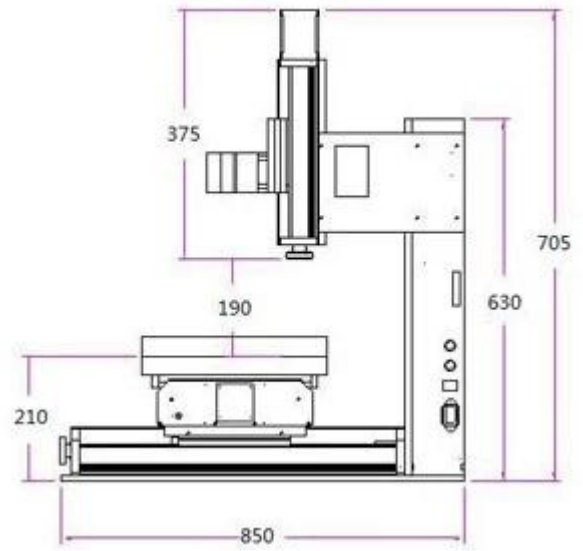
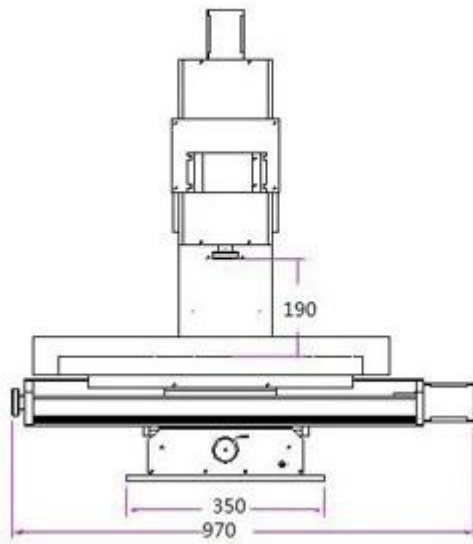
















04 Applications

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This Small Desktop 5 Axis CNC 6040 Router Engraver Milling Machine can be widely used to engrave wood, acrylic, brass, aluminum, PVC, PCB and so on.







05 Factory Tour

ChinaCNCzone

ChinaCNCzone team always welcome customers from all over the world to visit our factory, and let us provide the best different models [mini CNC machine](#) for users together.



QA Inspection Area



Mechanical Assembly Area



Machine Commissioning Area



Finish Products Area



Packaging Area





07 Company culture ChinaCNCzone



