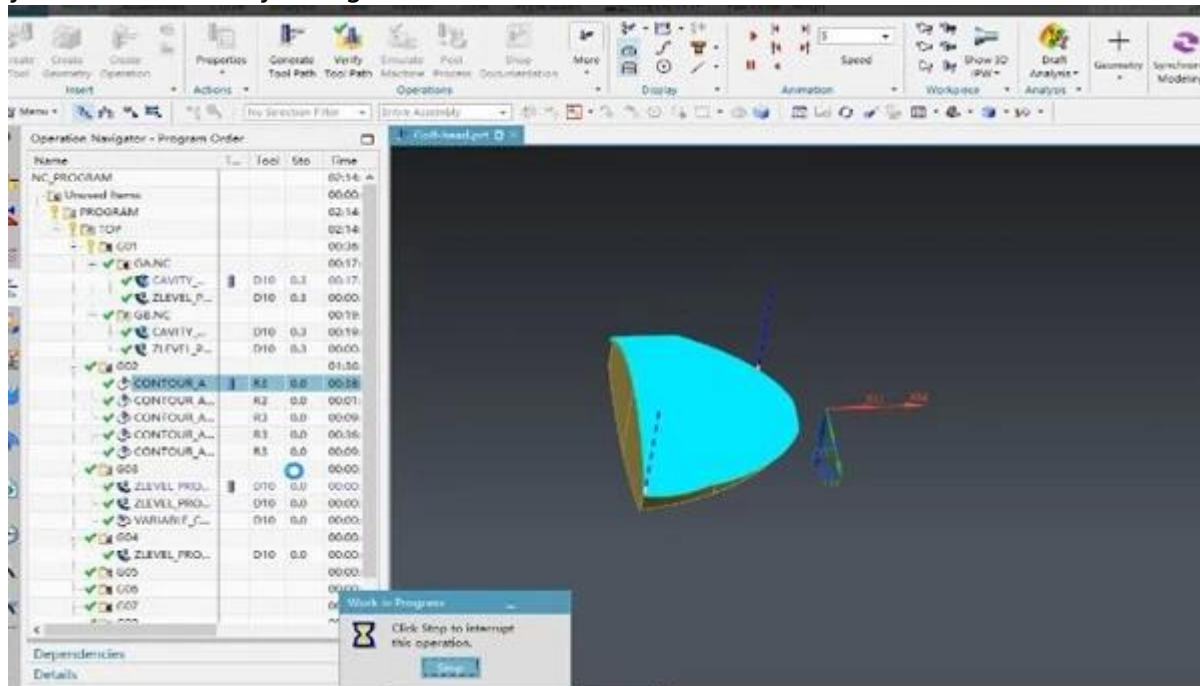


This is the new version of Small Desktop [5 Axis CNC](#) Mill Machine HY 3040 released by ChinaCNCzone.

What are the new compared with the old version ?

1. [Powermill](#) and [UG post processor](#) free provided with this [desktop 5 axis CNC mill](#) HY 3040. This is very important, Because it can save at least 3-5 days for your experienced engineer, and also means it will save your money around 300USD-700USD at least! Because ChinaCNCzone already have the best desktop 5 axis CNC mill machine engineer done for your fast and easy using!

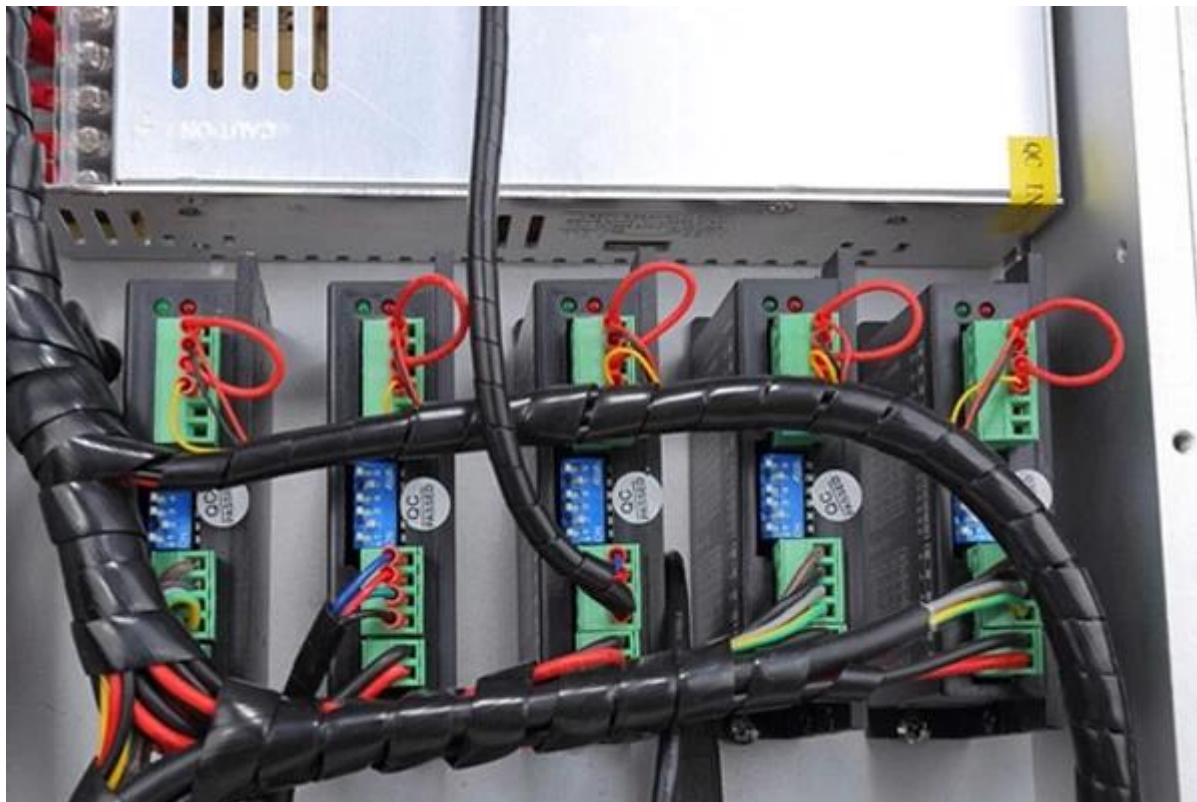


2. [It supports USB connection!](#) Plug and use, user friendly much more than parallel port!





3. Each axis is equipped with independent driver, higher accuracy and efficiency.



4.Larger stepper motor, larger holding torque for A,B axis, it ensures the larger fixed strength, accuracy and efficiency for A,B axis when do 5 axis cnc machining.

5.Specially design the fasteners for the 5th axis, and the vibration was reduced efficiently.

6.Provide the test G-code and technical support freely.

7.With stainless steel water tank.(the old is acrylic water tank)

PK

New version




Old version




- 1/ 5pcs Independent Driver
- 2/ Higher Engraving Accuracy
- 3/ USB Connection
- 4/ Work for aluminum, copper, etc.
- 5/ G code program service
- 6/ Less than 3000USD

for a aluminum mold making solution worth 30,000USD

- 1/ Integrated drive board
- 2/ Lower Engraving Accuracy
- 3/ LPT Connection(Only WinXP)
- 4/ Work for aluminum, copper, etc.
- 5/ Don't have G-code program service





Independent driver for each axis,  
Speedy heat dissipation,  
Longer service life,  
Stable and efficient signal transmission,  
Higher accuracy



250mm

180mm

Larger frame in width,  
heavier and more stable,  
higher accuracy



USB port

LPT port

USB connection, Win7 supported,  
way better than LPT connection



Stainless steel water tank,  
Better quality,  
Good-looking,  
Longer service life

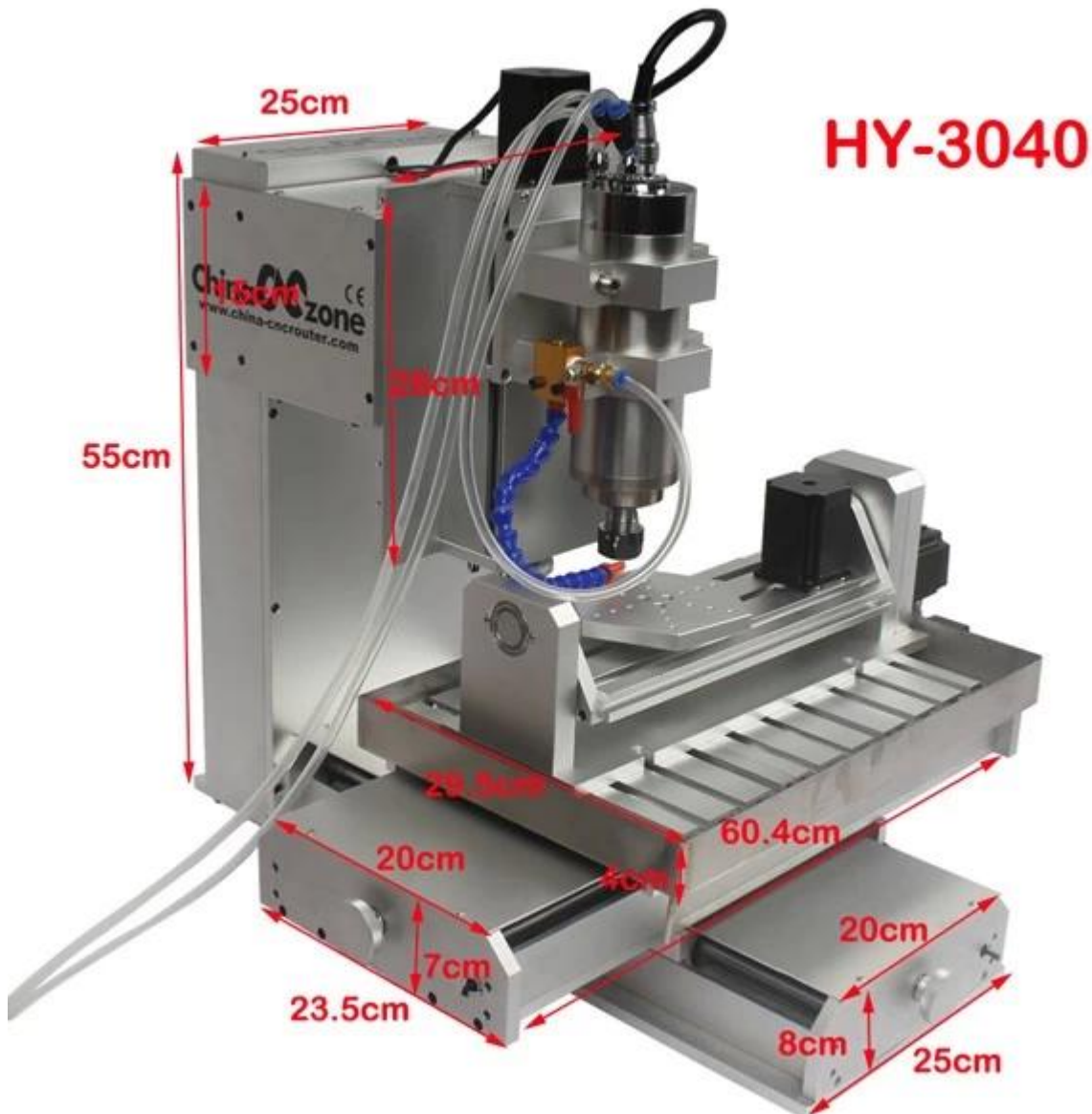


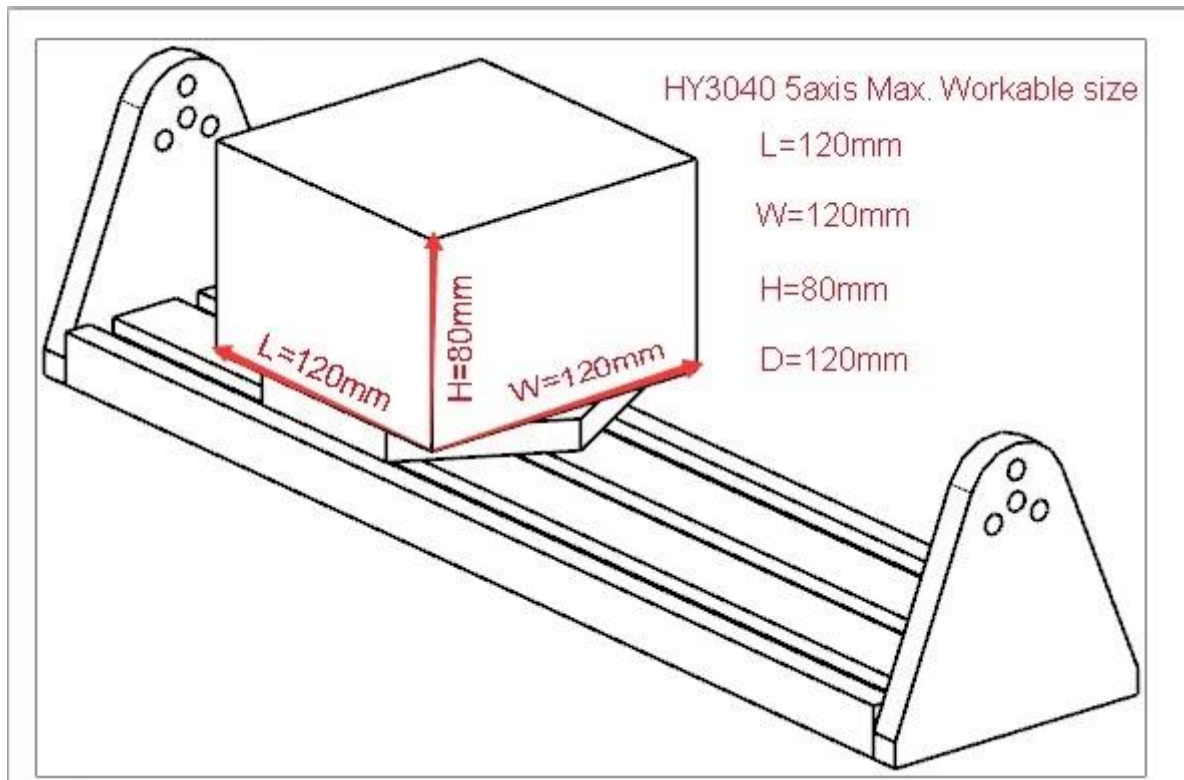
What are the main features for this Small USB Desktop 5 Axis CNC Mill Machine HY 3040?

1. Integrated high-speed micro computer intelligent control chip.
2. With external digital LCD monitor
3. The working process can be tracked, recorded in the digital LCD monitor automatically.
4. Mach 3 software
5. Built in frequency converter and without controller box.
6. Aluminum base sheet is heavy which can make sure no vibration when work.
7. With auto-checking function.
8. 1500w/2200W frequency water-cooled spindle for your selection.
9. Ball screw.
10. CE approved.
11. Video support.

- 12. English manual available.
- 13. Mach 3 software send with the machine as a CD.
- 14. Can engraving aluminum and so on other hard material.
- 15. From reliable & trustable profesional [China CNC Router](#) manufacturer.

What are the parameters for this new Small Desktop 5 Axis CNC Mill Machine HY 3040



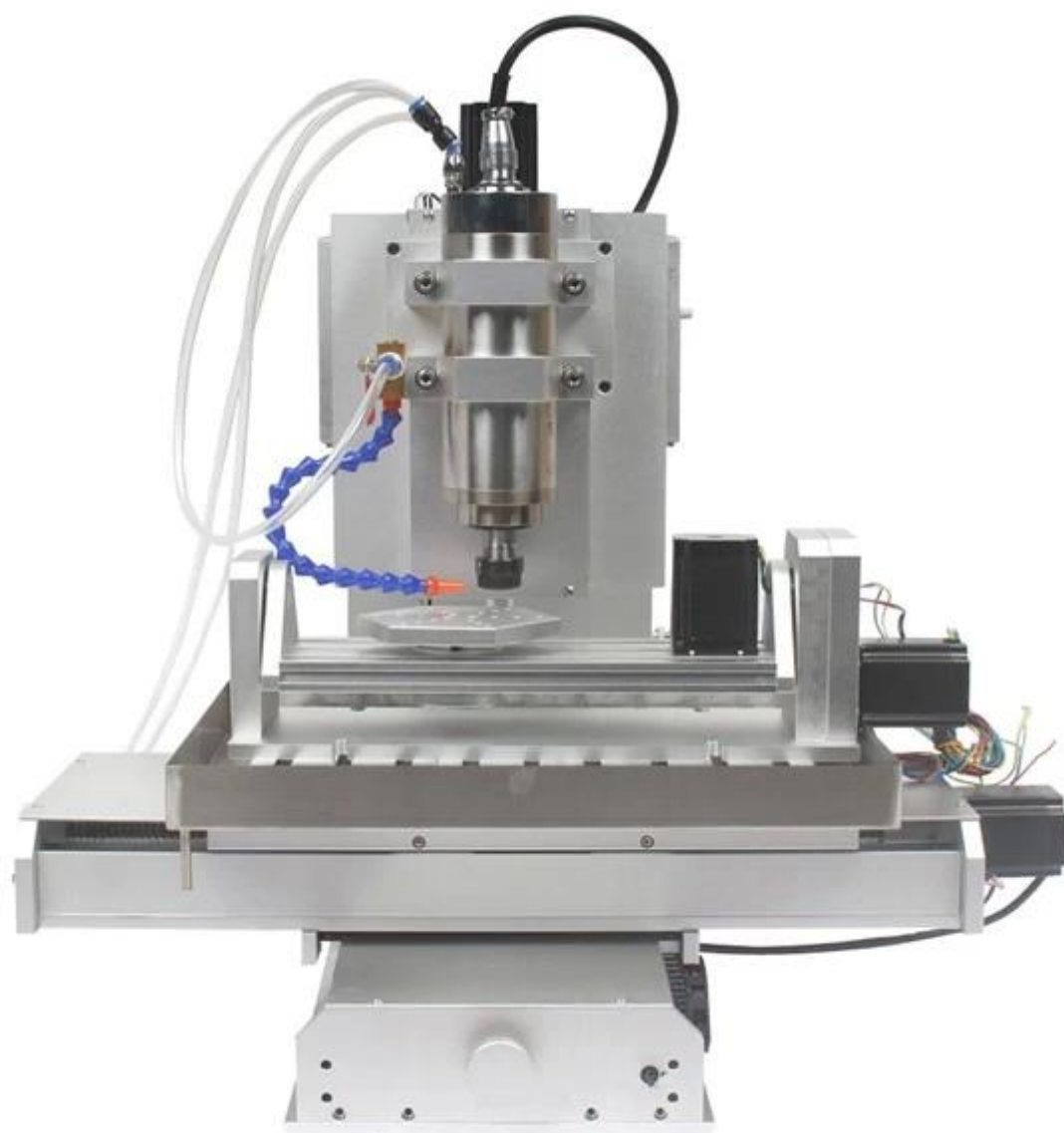


#### Desktop 5 axis CNC Mill HY 3040 parameters

product dimension	715(H)*700(L)*610(W) mm
effective work area	300*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	1:06
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

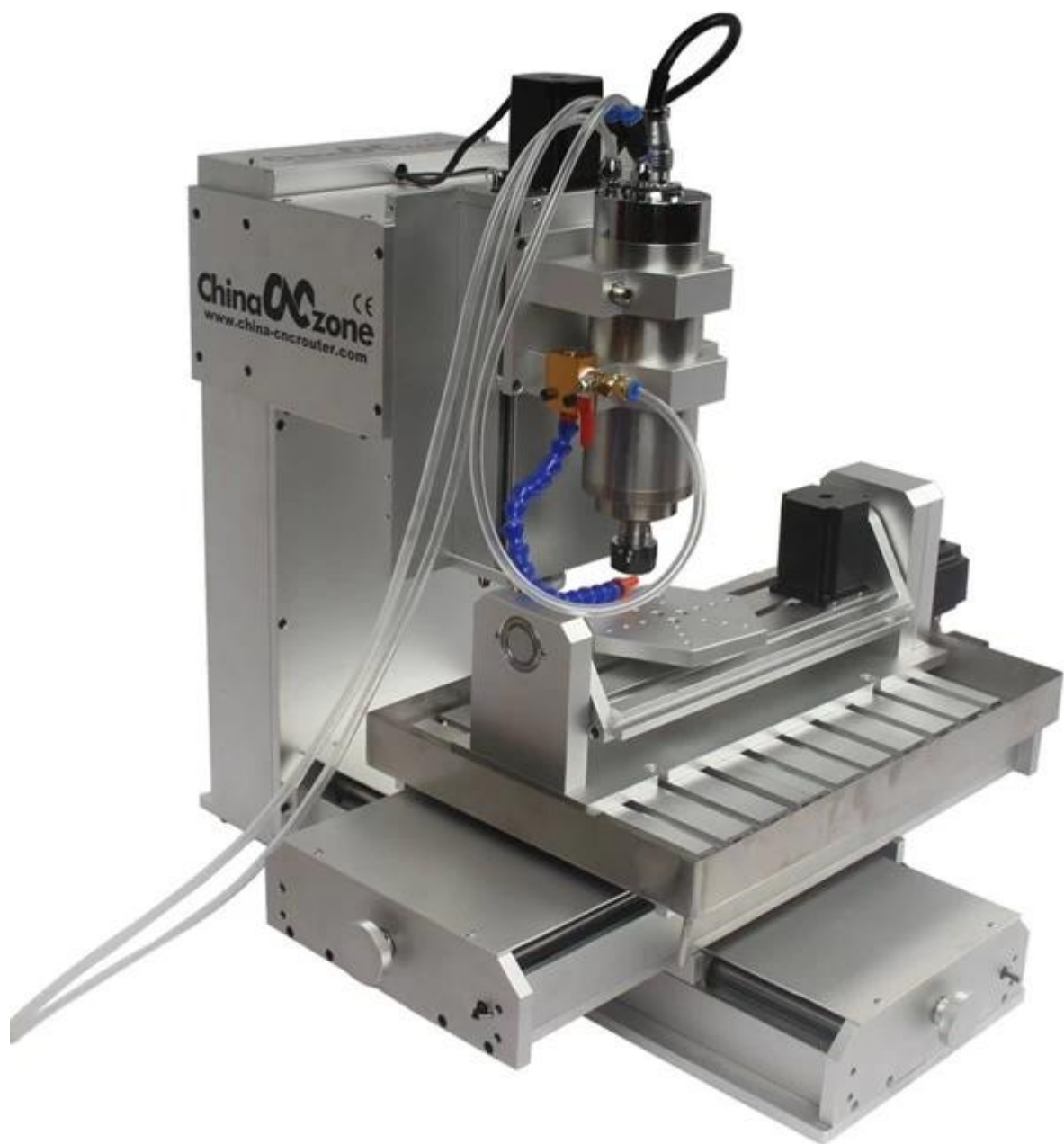
output current	drive 4.5A (peak 5A)
collet size	3/3.175/6mm if need others change into ER11 first
high efficiency water pump	55W, 46.6L /Min
drive motor	57*78 stepper motors (two-phase 4 wire)
engraving material	Metal,Brass, Acrylic, Wood, Aluminum and so on (hardness less then 45 degree)
support computer system	windowXP/ window 7
how to connect with computer	USB connection
software	MACH3 3.04
net weight	50kg
packing	wooden box
outside packing	78*66*82 (cm)
weight	96kg

[More pictures for this new Small Desktop 5 Axis CNC Mill Machine HY 3040](#)











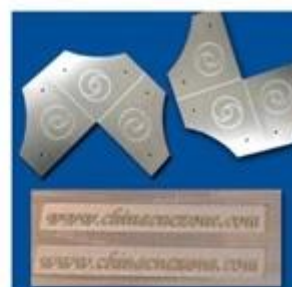


### What this Small Desktop 5 Axis CNC Mill Machine HY 3040 can do?

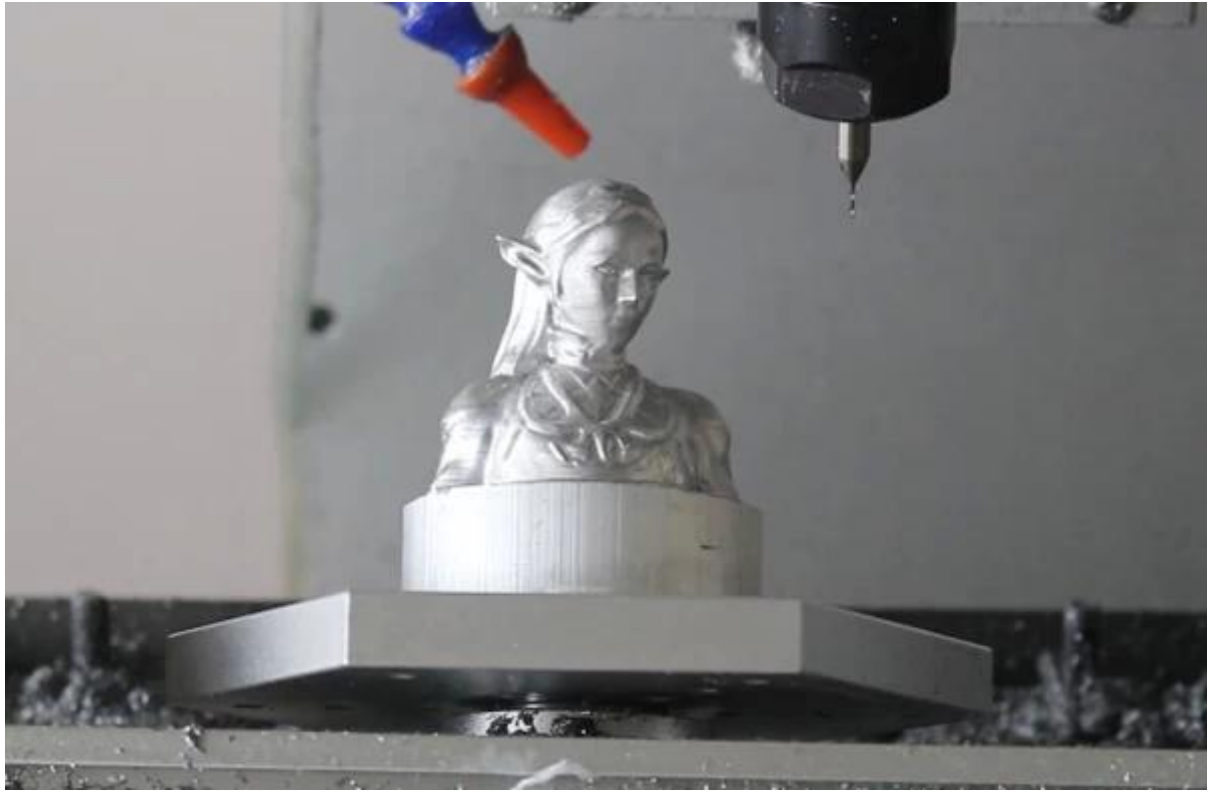
This new Small Desktop 5 Axis CNC Mill Machine HY 3040 can be widely used to engrave wood, acrylic, brass, aluminum, PVC, PCB and so on. Through our test, it can engrave aluminum easily.















## 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 router](#) for users together.





**QA Inspection Area**



**Mechanical Assembly Area**



**Machine Commissioning Area**



**Finish Products Area**



**Packaging Area**







## 07

## Company culture

## ChinaCNCzone





