

China Mini Desktop 5 Axis CNC Machine HY 3040 For Milling Engraving With Competitive Price.

This is the new version of mini 5 axis CNC machine, and with many key updates compared with the old version.

What are the new?

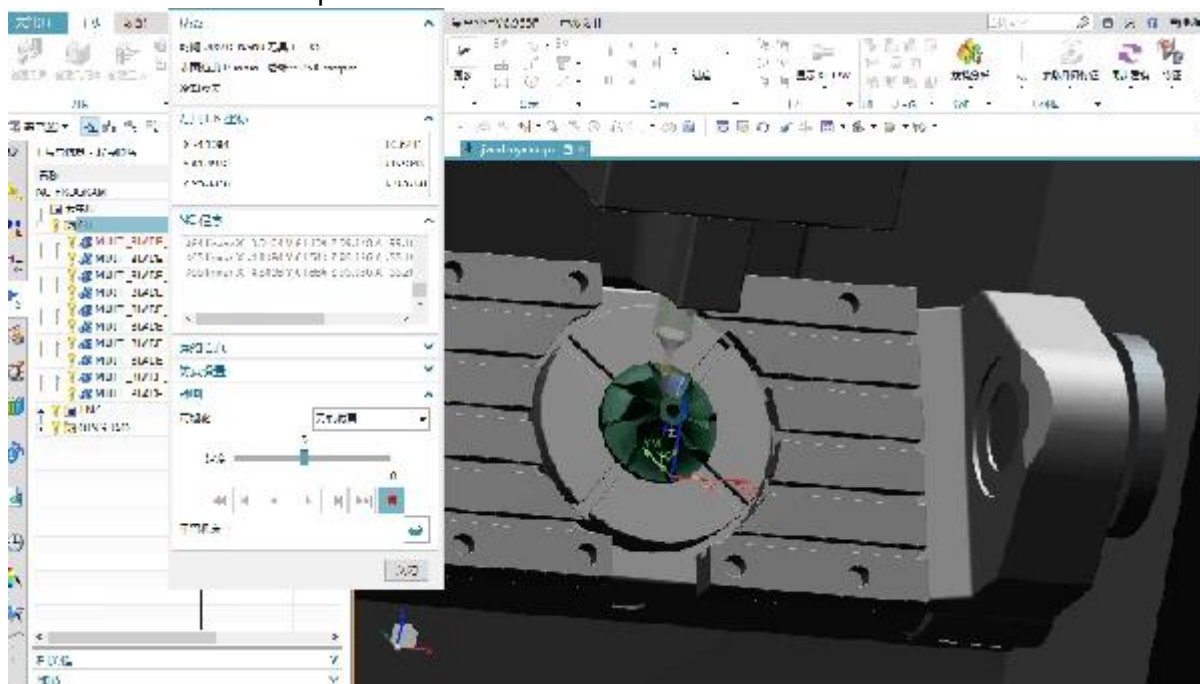
1. Each axis is with independent driver, totally 5 independent drivers for 5 axis, bring high accuracy, speedy heat dissipation, longer using life, stable and efficient signal transmission.



2. Support USB connection, easy to operate.



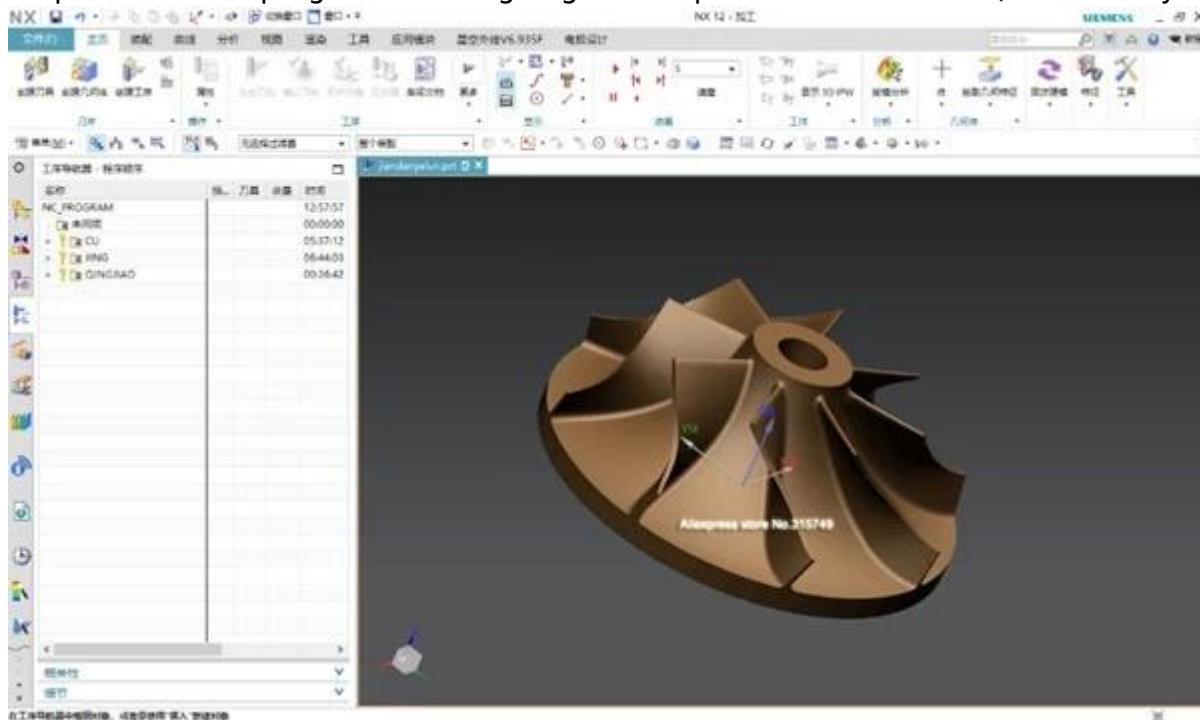
3.Free test G-code is provided.



4.Larger step motor for A and B axis,which can hold the A,B axis steady without vibration when machining aluminum and other harder materials.

5.Post processing is provided free

6.Special G-code programme designing can be provided at 200USD (take 5-7days to make it)



Easy operating because:

- It can work with 3 axis / 4 axis / 5 axis, just as you like !
- 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 water-cooled spindle for your selection.
- Ball screw.

You can buy this HY-3040 mini desktop 5 axis CNC machine from us without any worry

- CE approved.
- Video support.
- English manual available.
- Mach 3 software send with the machine as a CD.
- **Can engrave material which hardness below 45.**
- From reliable & trustable profesional **China CNC Router** manufacturer.

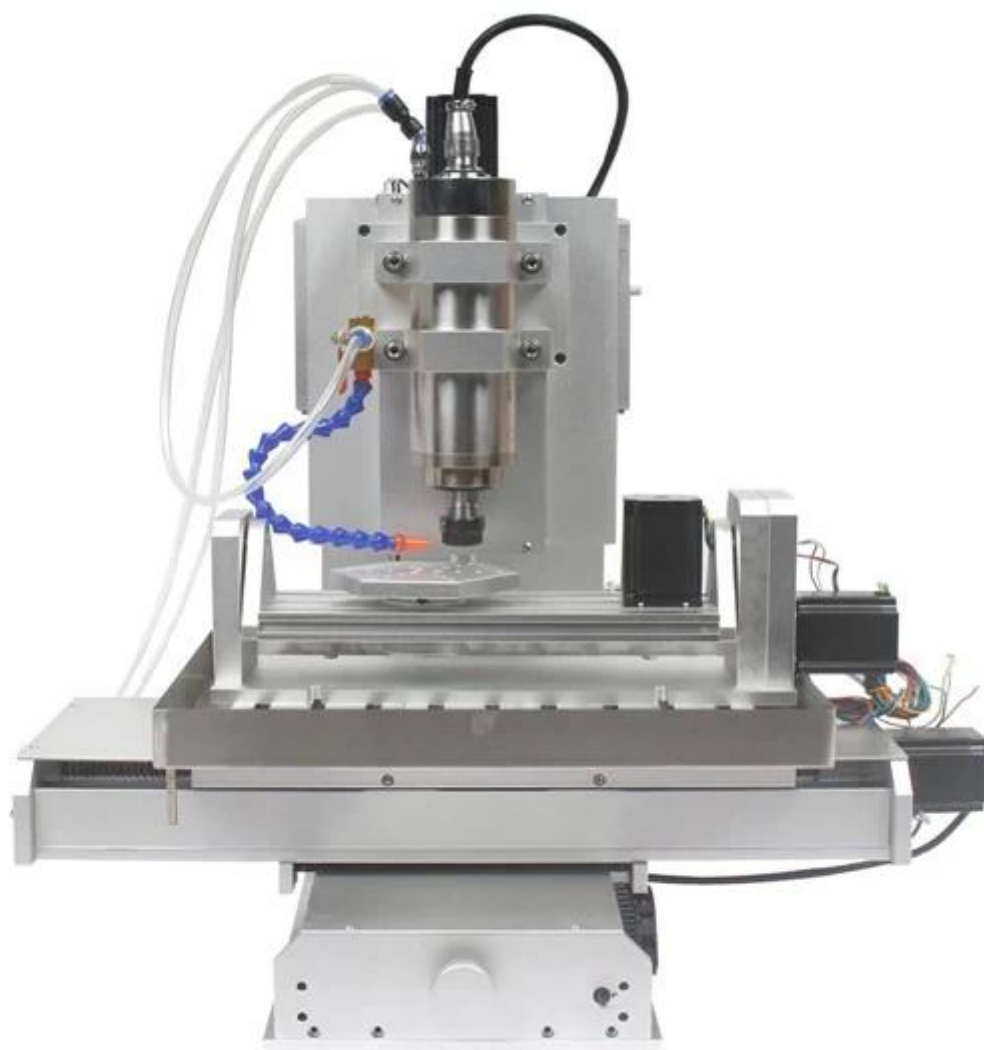
- Original Mach 3 software can be provided.
- New USB interface can be added (compatible with Mach 3 software)

02 Parameters

Mini Desktop 5 Axis CNC Machine 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	1:6
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/ 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











04 Applications

China  zone

This Desktop **Mini 5 Axis CNC** Machine HY 3040 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 routers](#) for users together.



QA Inspection Area



Mechanical Assembly Area



Machine Commissioning Area



Finish Products Area



Packaging Area





07 Company culture ChinaCNCzone



