

## **CNC 6090 4 Axis Mini CNC Engraver Machine with Gantry Design 2200W Spindle**

Developed and designed together by our technicians and overseas engineers of King Saud University from Saudi Arabia.

The acceptable material thickness can high to 150mm, much bigger than general [mini CNC machine](#) with max 100mm.





A series of horizontal lines for writing, consisting of 18 evenly spaced lines.

## Easy operating because:

- Can connect with computer by Parallel Port and Notebook by USB interface.
- Work independently.
- SD card slot interface  
With SD card slot interface.
- **2.2KG water-cooled spindle, powerfu!**
- Fast working speed.
- Live video support on Youtube.

## What are the main features for this new CNC 6090 Mini CNC Engraver Machine 4 Axis?

- English manual available.
- **Original mach 3 software available(for selection)**
- Can engrave material such acrylic, brass, wood, aluminum, PCB and so on.
- Balls crew made it a higher precision.
- **The cnc 4th axis easy to plug and use.**
- Auto-Checking function, easy to set origin of Z axis
- With built-in frequency converter in control box
- It has a broaded base and a thicker screw for larger material working.
- Limited switches added.
- From reliable & trustable profesional [China CNC Router factory.](#)

## 02 Parameters

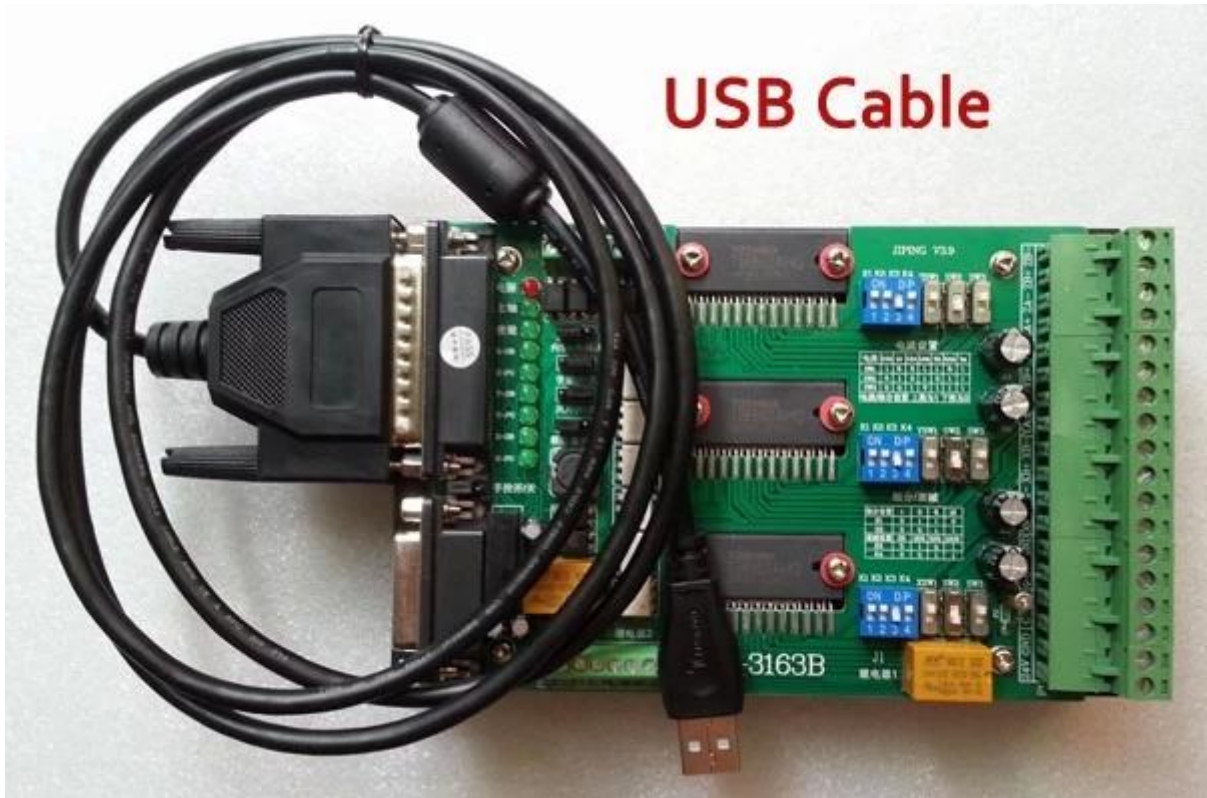
<b>CNC 6090 4 Axis Mini CNC Engraver Machine parameters</b>	
Shape dimension	X890mm*Y1250mm*Z670mm
Max.workpiece dimension	X600mm*Y900mm*Z150mm
Frame materials	aluminum alloy 6063 and 6061 the unique and dedicated mold extrusion profiles. let counterfeiter dwarfs
Acceptable material thickness	≤150mm
Driving units	X: 1605 ball screw
	Y: 2005 ball screw
	Z: 1605 ball screw
Sliding units	X: Dia.30mm chrome plate shafts
	Y: Dia.30mm chrome plate shafts
	Z: Dia.16mm chrome plate shafts
Stepping motor type	57-76 two-phase 3A 150N.cm
Spindle motor	brand new 2.2kw water cooling spindle, 24000RPM
Spindle collet	ER16-A, 3-10 mm shank diameter tool

Repeat accuracy	<=0.05mm
Spindle precision	Radial beat acuities 0.03 mm
Carving Instructions	G code/ TAB files/ nc file/ NCC files
Maximum speed	4000mm/min
Carving speed	0-2500mm/min (different materials differ)
Command code	G code
Software	Mach 3 or USB software
Protection	Emergency stop button
Operating Voltage	AC110V/AC220V

## 03 Product Images







**CNC 6090 4 Axis Mini CNC Engraver Machine**

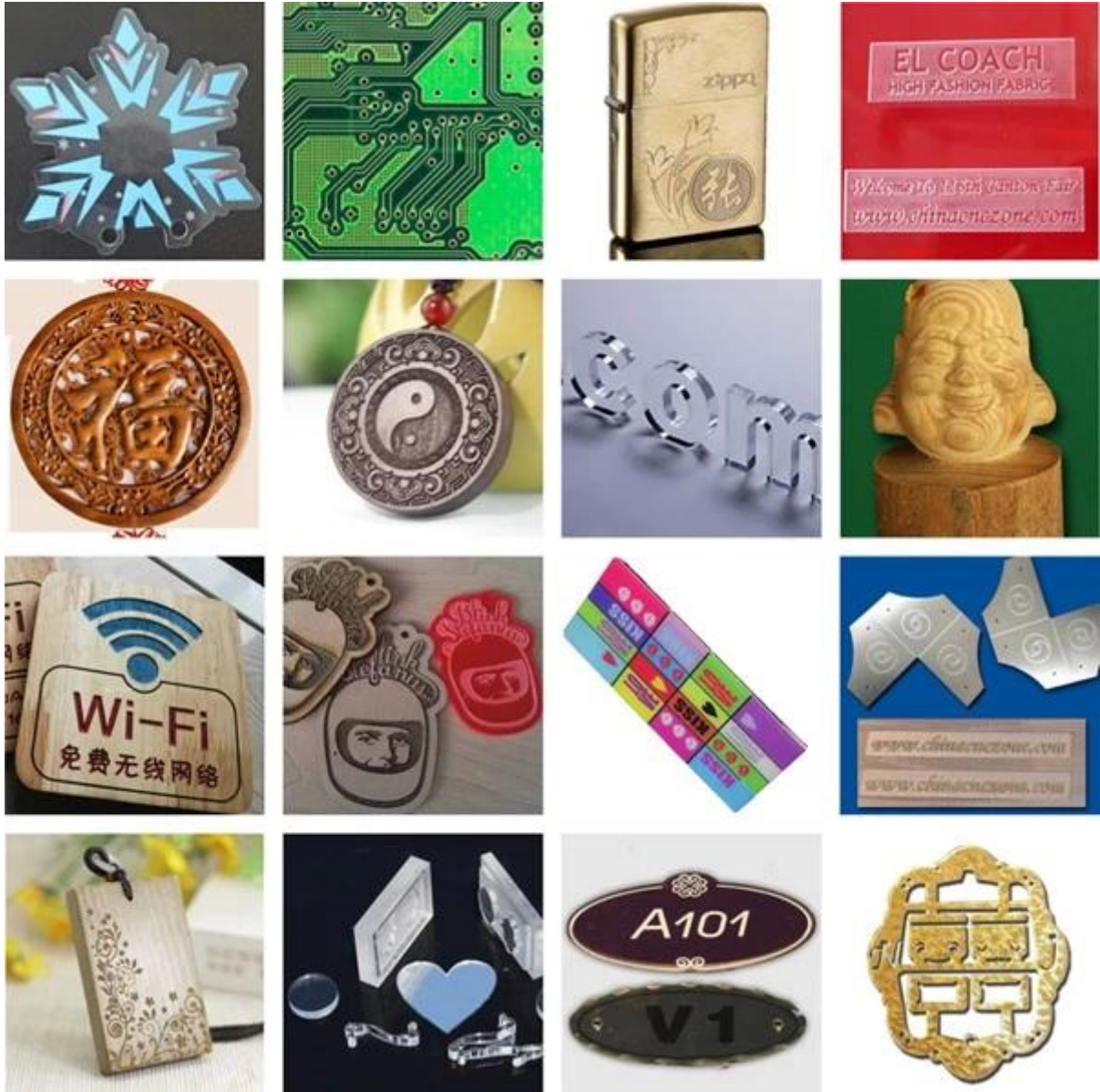




## 04 Applications

ChinaCCzone

This new CNC 6090 4 Axis Mini CNC Engraver Machine can be widely used to engrave wood, acrylic, brass, alumimun,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**

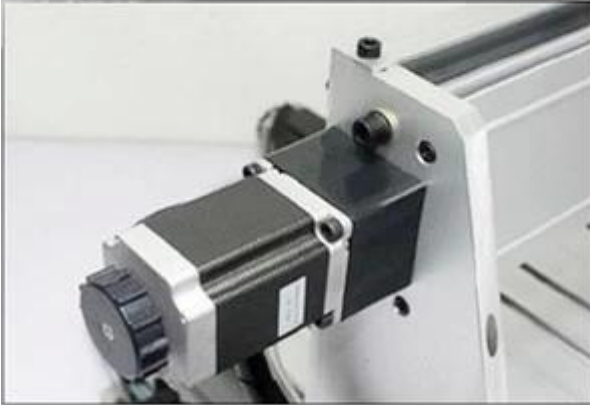


**Packaging Area**



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.







# SHENZHEN SCOTLE TECHNOLOGY GROUP LIMITED

ChinaCNCzone, engrave your colorful life!

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





