

# ChinaCNCzone

## 6090 3axis&4Axis 2200W DSP CNC router machine Specification



## Shenzhen Scotle Technology Ltd

Address: 1st Floor, A Building, First Industrial Park, Bantian, Longgang District, Shenzhen, 518027, China

Website: [www.chinacnczone.com](http://www.chinacnczone.com)

Contact Person: Bella Gan

Tel.: 86 0755 89378482 Fax: 86 0755 83692580

E-mail: [sales@scotle.com](mailto:sales@scotle.com)

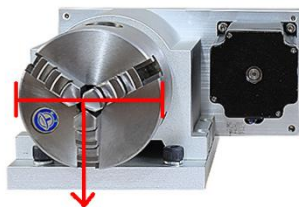
## Highlights for this CNC 6090

1. **2200w** Water Cooling Spindle
2. Ball screw high precision
3. Independent power supply for mainboard, prolonged using life.
4. DSP control , no need connect to computer, easier to operate
5. Limited switch added
6. Auto-Checking function
7. 50%Higher engrave speed than Computer control CNC router machine

Effective working travel		600(X)mm*900(Y)mm*150(Z)mm
Shape dimension		890*1250*670mm
Frame materials		Aluminum alloy 6063 and 6061 the unique and dedicated mold extrusion profiles. let counterfeiters dwarfs
acceptable material thickness		≤150mm
Driving units	X/Y/Z axis	X,Z SFUR1605-DFC7-P0 ball screw, Y SFUR2005-DFC7-P0 ball screw
Sliding units	X axis	Dia.30mm chrome plate shafts
	Y axis	Dia.30mm chrome plate shafts
	Z axis	Dia.16mm chrome plate shafts
Stepping motor type		57 two-phase 3A 180N.cm
Spindle motor		Changlong GDZ80-2.2, 24000RPM, 2200W
Principal axis collet		ER20 1-13mm
Repeat accuracy		0.05mm
Spindle precision		radial beat acuities 0.03 mm
Maximum speed		4000mm/min
Control unit		E100S2R2B + JMC542 independent drive board for each Axis+ DSP Controller
Computer connection		No need to connect to computer
Command code		G code, or any MACH3 support format file
Protection		Emergency stop button
Operating Voltage		AC220V/110V
Accessories		Pump, Auto-checking tool , cutter, banner and so on.
Warranty		one Year
Package size		One wooden box package , 121*86*72cm
Gross weight		150kg (3axis)
		158kg(3axis with water tank )
		158kg (4axis)
		165kg(4axis with water tank)

4th Axis for **optional** ,4axis can engrave cylindrical objects  
specification below :

The 4th axis parameter	
Size	220(L)*116 (W) *105 (H) mm
Center-height	65mm
Clamping diameter	80mm
Reduction ratio	1:3



80mm



Water tank for **optional**,

With water tank machine can engrave aluminum, copper metal, jade....

