

01 Product Highlight

ChinaCNCzone

ChinaCNCzone DSP Controller SL-6090 100W DIY CO2 Laser Cutter Engraver Machine

Outstanding features

Working area: 600x900mm

Guide: it is linear guide for both X axis and the dual Y axis

New DSP controller box

57 Step motor

Industrial level laser head

Light system: Light system

Colour: blue and white, Black and red,

Adjustable Speed and Power

USB Interface

Air Assist, Remove heat and combustible gases from the cutting surface.

Embedded Exhaust Fan, Easier install, Safer transport.

Rotary Axis, Engrave any cylindrical object.

Cellular platform

Intuitive Control Panel, Set Speed, power and more controls directly from the laser.

Water Cooling and Protection System with a chiller.

Laser positing

Emergency Stop Button.

Larger Size, 400*1000mm working area.

Lifting platform is electric control, 0-25cm.

Laser focal length: 5CM

A limit switch let it can only work when the cover is closed.

From professional China [CO2 Laser Engraving machine supplier](#).

02 Parameters

ChinaCNCzone

Total power	<500W
Laser power	100W for selection
Laser type	CO2 laser engraving machine
Power supply	AC 220V/110V
Working area	600*900 mm

Engraving depth	0-10 mm (different material differ)
Cutting depth	0-10 mm
Engraving speed	0-1000mm/s
Cutting speed	0-200mm/s
Lifting platform	0-250 mm Honeycomb Worktable
Locating precision	<0.01 mm
Min shaping character	Character: 2*2mm, Letter: 1*1mm
Working temperature	5°C-45°C
Working humidity	5%-95%
Resolution ratio	≤1000dpi
Data transfer interface	USB 2.0 (offline)
System environment	Windows XP / Win 7 / Win 8
Cooling	Water Cooling and protection system with chiller
Cycle water	0-46°C
Light system	LED light with high-brightness
Colour	bule and white, Black and red,
Graphic Format Supported	The Files which CorelDraw & WinsealXP can identify
	(BMP,JPEG,PLT,CDR,AI,) TIFF,PCX,DIB,TIF
Compatible software	CorelDraw,
Color separation	NO
Sloping engraving	NO
Protection	Emergency stop buttom and Stop working when water broken

Machine Dimensions	134*94*64 cm
Packing	Wooden box with foam inside
Package Dimension	151*110*80 cm
Package Weight	150 kg □with packing□ (Counted by volumetric weight)
DSP offline picture format	UD5



DSP Controller SL-6090 100W DIY CO2 Laser Cutter Engraver Machine pictures







04 Applications

China **CAC** zone

SL-6090 100W CO2 Laser Engraving Machine for Sale can be widely used

- Advertising&Design staff
- Craft Maker
- Woodwork fans
- Model fans
- Leather Tailor's
- NOT Ready for Nowise(beginner)

Material	Engrave	Cut
Wood	Yes	Yes
Jade	Yes	
Acrylic	Yes	Yes
Glass	Yes	
Ceramic	Yes	
Delrin	Yes	Yes
Cloth	Yes	Yes
Leather	Yes	Yes
Marble	Yes	
Matte Board	Yes	Yes
Melamine	Yes	Yes
Paper	Yes	Yes
Mylar	Yes	Yes
Press Board	Yes	Yes
Rubber	Yes	Yes
Wood Veneer	Yes	Yes
Fiberglass	Yes	Yes
Painted Metals	Yes	
Tile	Yes	
Plastic	Yes	Yes
Cork	Yes	Yes
Corian	Yes	Yes
Anodized Aluminum	Yes	
Ceramics	Yes	
Stainless Steel	*	
Brass	*	



***means you have to use a spray called "thermark" to spray the surface of the material and then you can mark on it.







Factory



Workshop





SHENZHEN SCOTLE TECHNOLOGY GROUP LIMITED

ChinaCNCzone, engrave your colorful life!

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

