

UL-COP-XY

- ✓ The system using moving head method
- ✓ Honey comb table
- ✓ Auto focus lens
- ✓ Rotary axis
- ✓ Cooling system
- ✓ Red dot pointer
- ✓ USB Controller
- ✓ CCTV system for monitoring
- ✓ Heavy duty PC with wireless Keyboard and Trackball



The machine is designed specially for cutting and engraving for use in industry and demonstration.

Futures

- The machine, is equipped with CO2 laser tube, industrial chiller, Zing-iron alloy honeycomb working platform
 - Laser power supply
 - Four stepper motors with its controllers, one for each of the axis X and Y and two for the Z axis.
 - PC controlled interface (USB) port
 - Software which accepts most the popular formats.
 - Water chiller and pump for cooling the laser tube through close circuit circulation
 - Fan for ventilation to exhaust the fumes from the chamber (the fan is made in china)
 - Lighting in side the chamber
 - For emergency the system equipped with emergency push bottom to shut the laser down immediately.
 - All the system equipped inside a perfect enclosure system with safety doors and Perspex windows.
 - The system using moving head method
 - All optics are of high grade optics

The specification is:

Laser power	40,60,80 or 100 Watt (P)
Laser medium	CO2
Work table size	900mmX600mm (XY)
Cooling mode	Invariable temp. water cooling system
Cutting speed	0-18,000 mm/min
Engraving speed	0-50,000 mm/min
Reposition accuracy	+/- 0.01mm
Min. letter size	1.0 mm
Cutting table	Zink-iron-alloy honeycomb working table
Voltage and power	220 V 50Hz / 1000 Watt
Controlling software	DSP control system
Combination software	Coral Draw, Auto CAD, Photo Shop
File format	BMP,DXF,PLT,JPEG,GIF,DMG