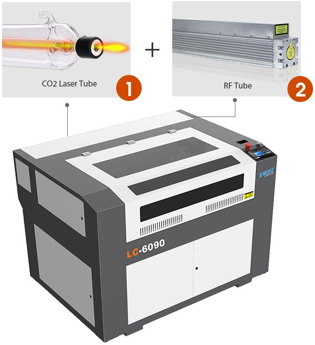
LC–6090

LC6090 RF AND CO2 LASER CUTTING & ENGRAVING MACHINE

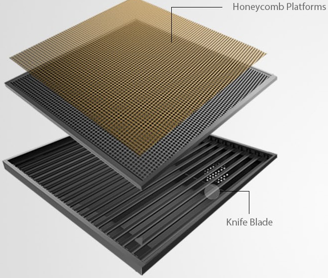
LC-6090
G·WEIKE



Equipped With RF Tube And CO2 Laser Tube, More Cost-Effective

- **30W RF Laser Tube For Engraving, Higher precision**
  Smaller laser spot size, it can engrave ultra-fine details .Longer life ,it can be used for about 10-12 years.The engraving effect is non-scorched and non-black.

- **Higher power CO2 Laser Tube for cutting, More cost-effective**
  Optional 40-100W CO2 laser tube, capable of cutting thicker materials, cheaper than the RF tube.Using Yongli laser tube, its photoelectric conversion efficiency is high, the laser output power density is high, the beam is concentrated, and the spot is uniform. The engraving/cutting speed is fast and the engraving line is deep and narrow with high resolution and clear characters. The work life of laser tube is long and the fault rate is low.

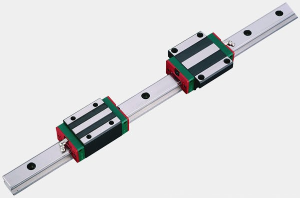


Double Work Platform

Can install double work platform, both blade work table and honeycomb work table, can use to do both cutting and engraving

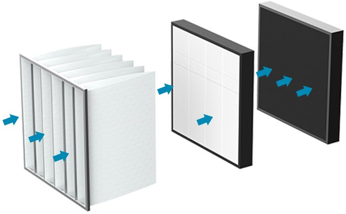
Auto Focus

Without manually adjust focal length; Improve the efficiency and precision of laser cutting machine.



Hiwin Precise Linear Guide

Equipped with Taiwan Hiwin rail guide, with features of high positioning accuracy, strong load bearing and good dynamic performance.



High Efficiency Particle Air Filter

Environmental protection without pollution

Three-stage filtration

The first is bag filtration of large particles.
The second IS HEPA filtration of particles larger than that of 0.03um.
The third is activated carbon adsorbs of smoke and dust odour.

Automatic Up And Down Platform

This machine is designed specially for thick material with its automatic up and down platform, customers can engrave on different thickness of materials.

Advantage

Japan OMRON

Electronic Component

WIFI Control

High efficiency-q PC can control several different machines.
Convenient-The engineers can remotely control the computer and the machine

High efficiency
WI-FI

U.S II-VIOptical Lenses

Use high strength gold-plated lenses and aspherical focusing lenses from U.S II-VI with features of high focus, high transmittance.

U.S II-VIOptical Lenses

Industry Applications

Wood, organic glass, plastic, garments, paper, leather, rubber, and other nonmetal materials.

Technical Parameters

Laser - Type	Sealed CO2 laser tube
Laser power	60W 80W(optional)
Cutting Area	900mm x 600mm
Whole Machine Size	1360* 1010* 1070mm
Cutting Speed	±0.05mm
Resetting Positioning Accuracy	AC 110 -220V±10%, 50-60Hz
Working Voltage	<1000W

Gross Power	5-95%
Operating Temperature	0-45℃
Operating Humidity	Free of condensed water

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