LC1390N

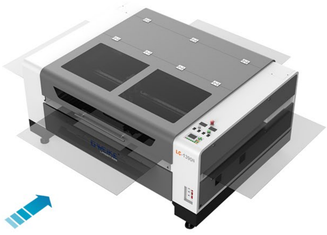
LASER CUTTING MACHINE

Electronic lifting

The machine can automatic adjust the working table to satisfy the demands of cutting different thicknesses materials.The lifting height can reach 20cm.

Automatic Focusing

Auto focusing makes the laser head focus easily and quickly. Do not need to adjust the focal length by hand, saving much time and has higher accuracy.

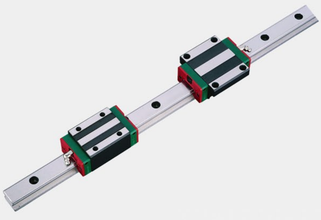


Four Sides Feeding Doors

Four sides feeding material system, you can cut and engrave the material at the largest scale.

Taiwan Hiwin Linear Guide Rail

Adopted Taiwan Hiwin linear guide rail, high positioning accuracy, scroll guide, less wear to maintain accuracy for a longer time.



Japan OMRON

Electronic Component

RECI Laser Tube

Higher laser output power density, the light beam is concentrated, the spot is uniform, the work efficiency is high, the speed is fast. The laser tube adopts the special technology production, the laser beam is sharp after focusing, the mark line is narrow, the scale is deep, the resolution is high, the picture character is clear.

WIFI Control

- Convenient- Engineers can remotely control computers and machines, adjust parameters and solve problems.
- Efficiency- One PC can control several machines.

U.S II-VI Optical Lenses

- U.S. optics from American Photonics. Proven 14% beam transmission improvement vs. other optics. High strength gold-plated lenses and aspheric focusing lenses made by II-VI Company, USA.
- High focus, high transmittance. The light beam in the transmission process to minimize the loss, light spot fine, uniform light, while ensuring the quality of the product, but also make the optical

Leadshine Stepper Motor

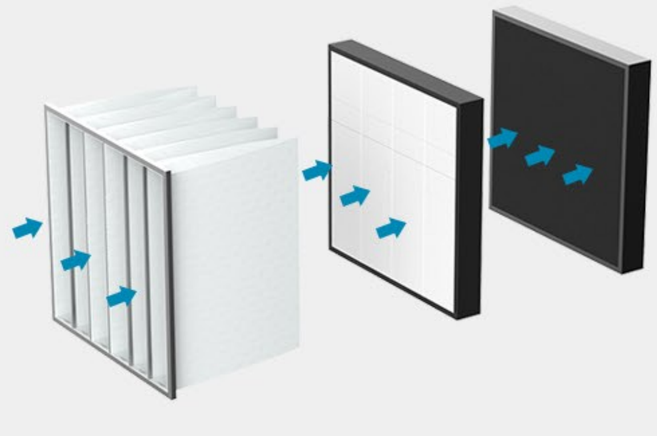
Lower noise, low vibration, running more smoothly, higher torque, higher acceleration, higher precision, better acceleration performance.

One Button Starting Fan

The fan can be started by one button. You can control the fan independently.

Double Platforms

Both knife blade and honeycomb platforms for cutting and engraving.



High Efficiency Air Filters

Environmentally friendly and pollution-free laser can be directly used indoors.

Tertiary filtration

- Filter large particles in bags.
- HEPA filtration larger than 0.03UM particle.
- Activated carbon adsorption system.

Technical Parameters

Laser - Type	Sealed CO2 laser tube
Laser Power	80W 100W 130W 2150W 200W (optional)
Cutting Area	1300mm x 900mm
Whole Machine Size	1820* 1310* 1070mm
Cutting Speed	0 - 24,000mm/min
Resetting Positioning Accuracy	±0.05mm
Working Voltage	AC 110 -220V±10%, 50-60Hz
Gross Power	<1,500W
Operating Temperature	0-45℃
Operating Humidity	5-95%
Minimum Shaping Character	English 1x1mm
Work Table	18cm lift platform
Driving System	stepper
Cooling Mode	water-cooling and protection system
Auxiliary Equipments	Exhaust-fans, air-exhaust pipe
Controlling Software	DSP control system
Compatible Software	CorelDraw AutoCAD Photoshop

Industry Applications

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

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