

LC1610N

CO2 LASER CUTTING MACHINE

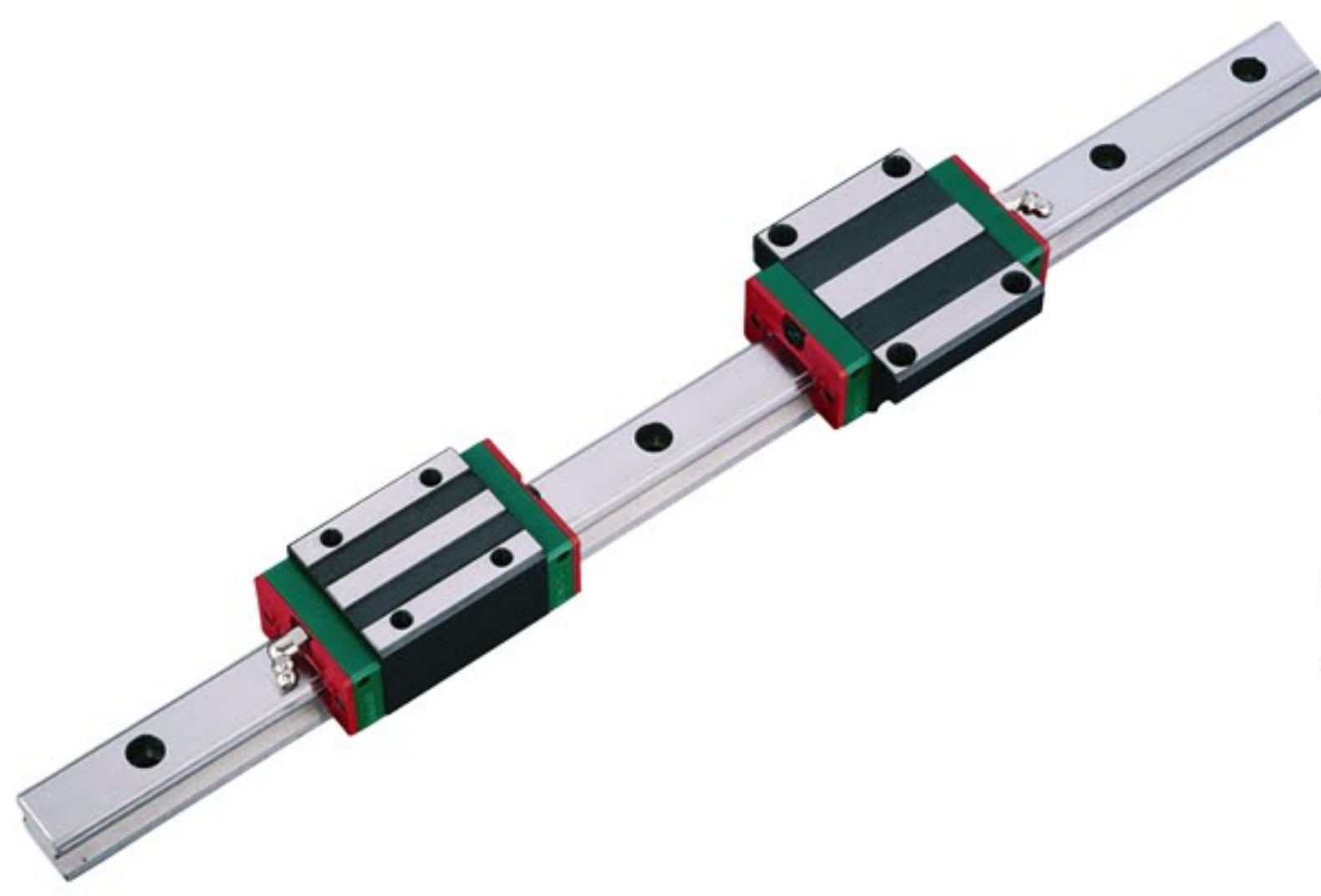


Electronic lifting

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.



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.

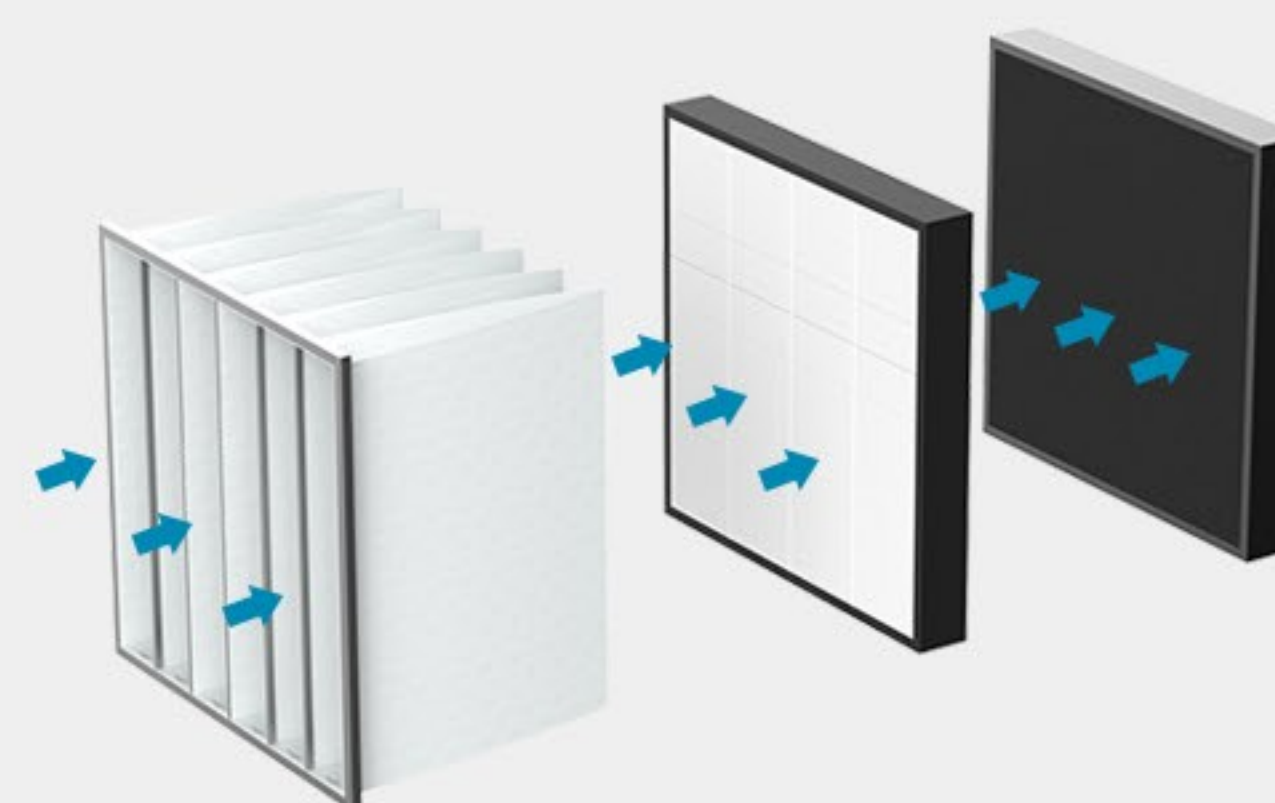
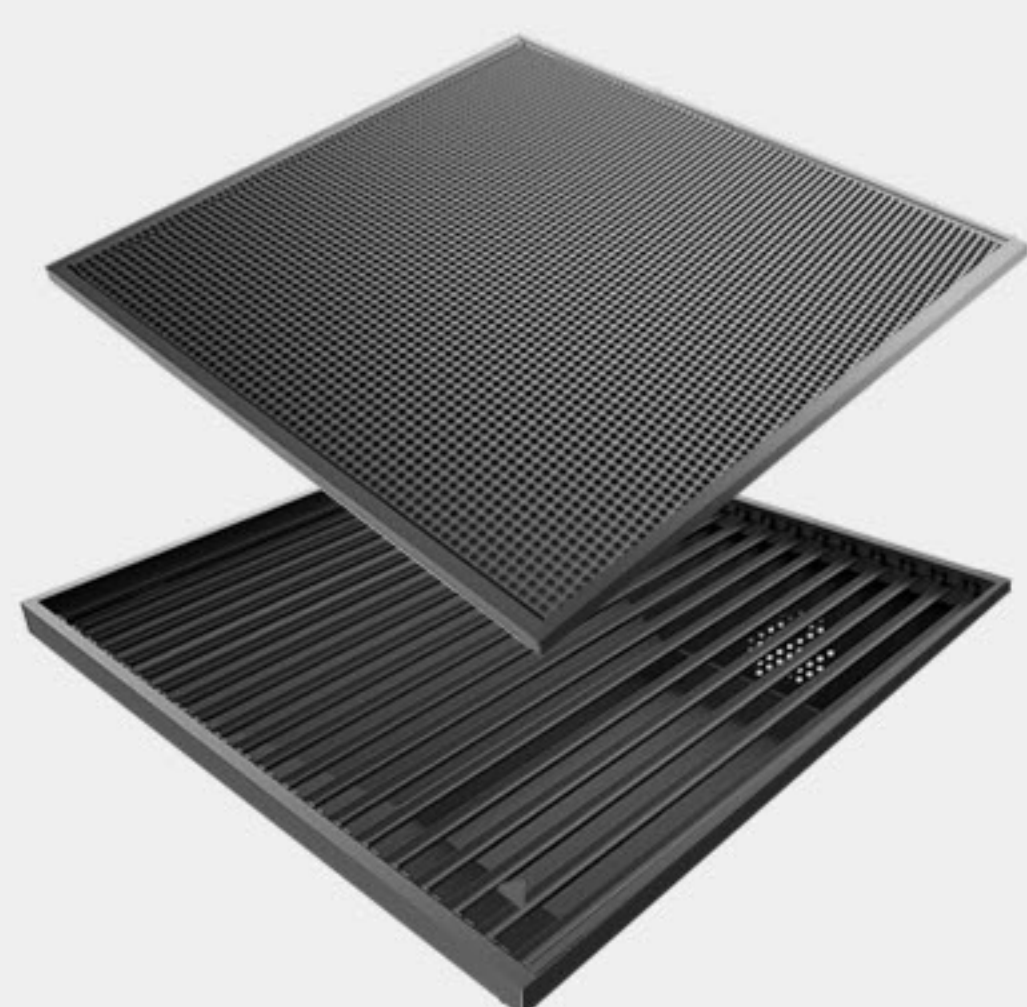


One Button Starting Fan

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	130W
Working Area	1600mm×1000mm
Cutting Speed	0-36000mm/m
Work Platform	Crawler type work platform
Working Speed	Adjustable
Position Accuracy	±0.1mm
Control System	DSP DSP control system in USB mode
Cooling Mode	Constant temperature water-cooling
Working Voltage	AC220V±5% / 50HZ
Graphic Format Supported	AI BMP PLT DXF DST
Operating Temperature	0°C-40°C
Operating Humidity	Free of condensed water
Gross Power	≤2000W

Industry Applications

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



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