

LC6090

LASER CUTTING MACHINE

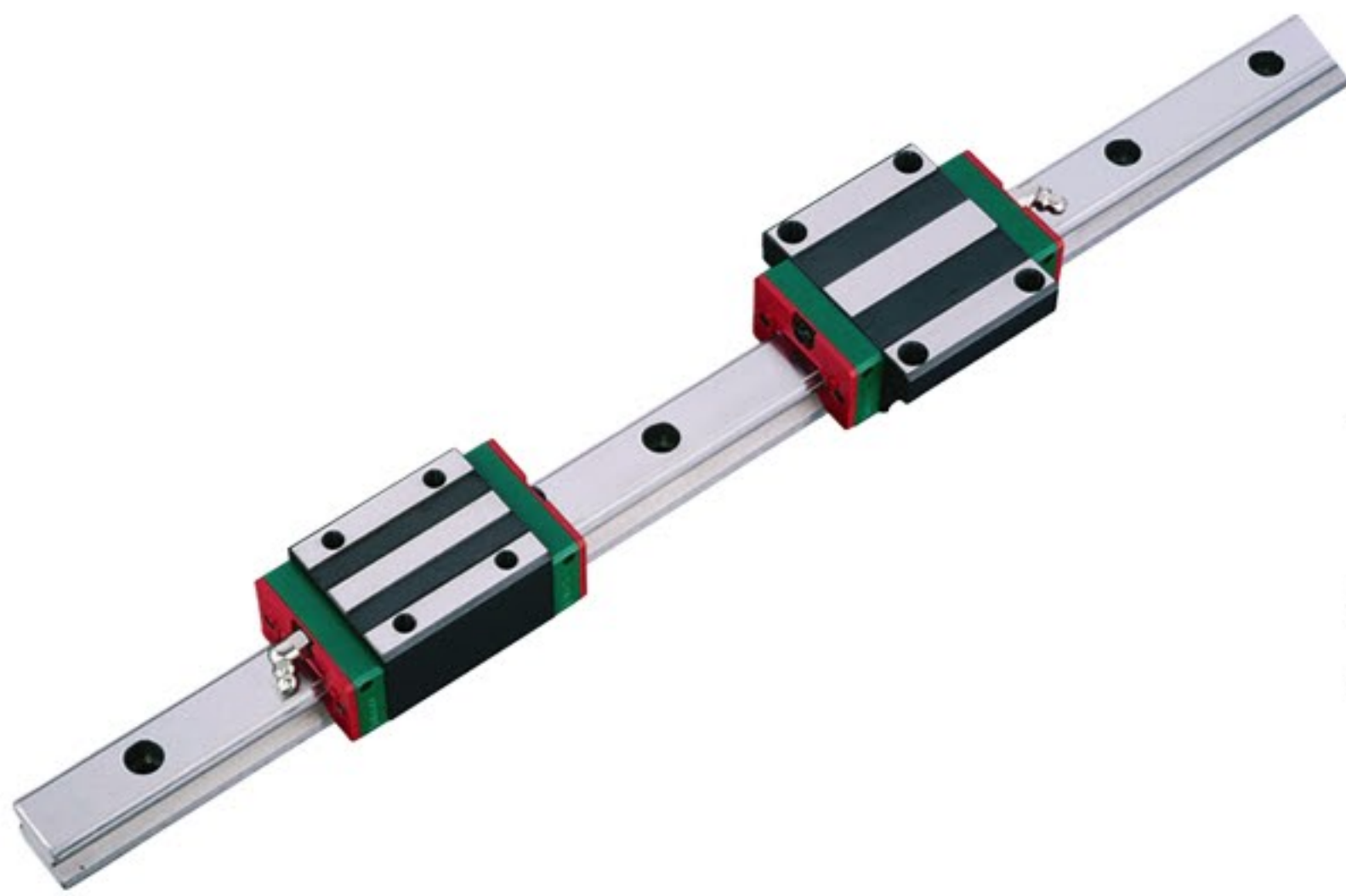


Electronic lifting

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.

LIMIT SWITCH FOR PROTECTION





YONGLI 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 aser 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 controlseveral machines.



U.SI-VI Optical Lenses

U.S.opticsfrom American Photonics.Proven 14%beam transmission improvement vs.other optics. High strength gold-plated lenses and aspheric focusing lenses made byII-VI Company, USA
•Highfocus, hightransmittance. 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 nose, low vibration, running more smoothly, higher torque,higher acceleration, higher precision, better acceleration performance.

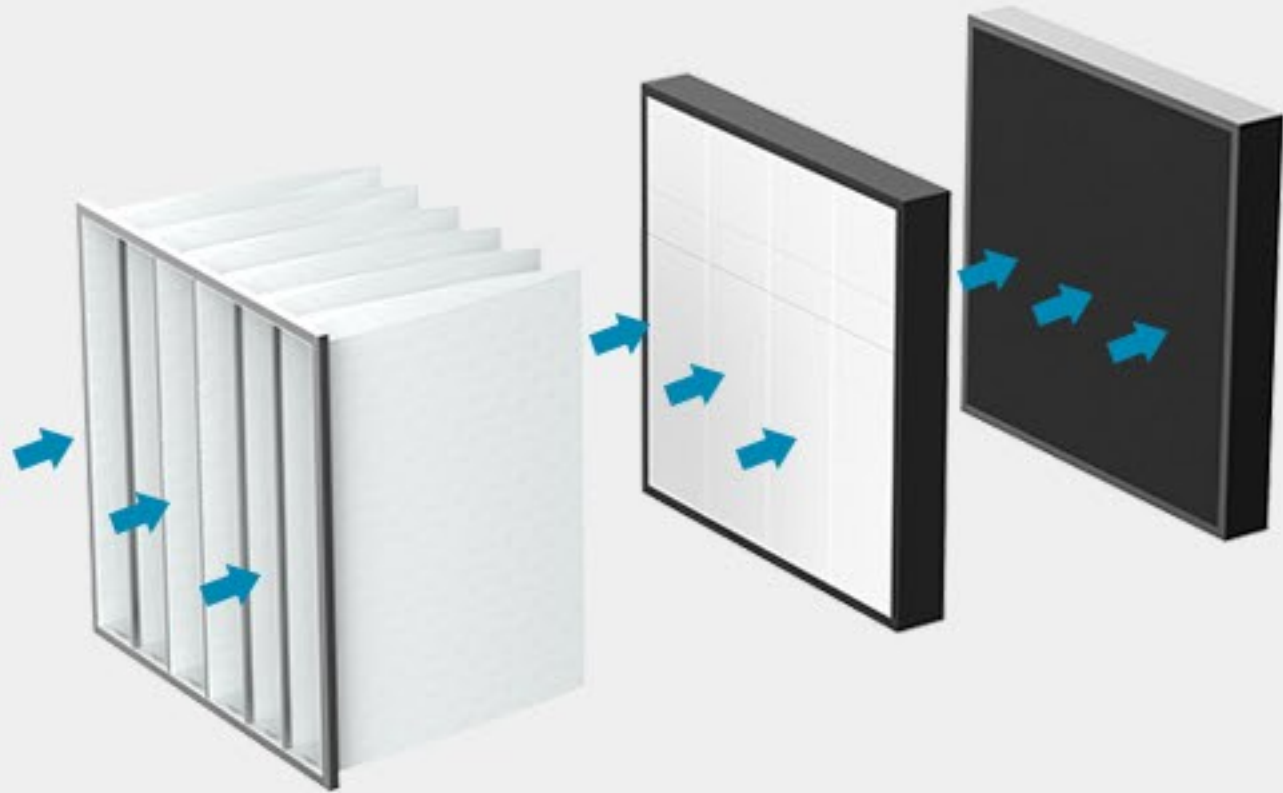
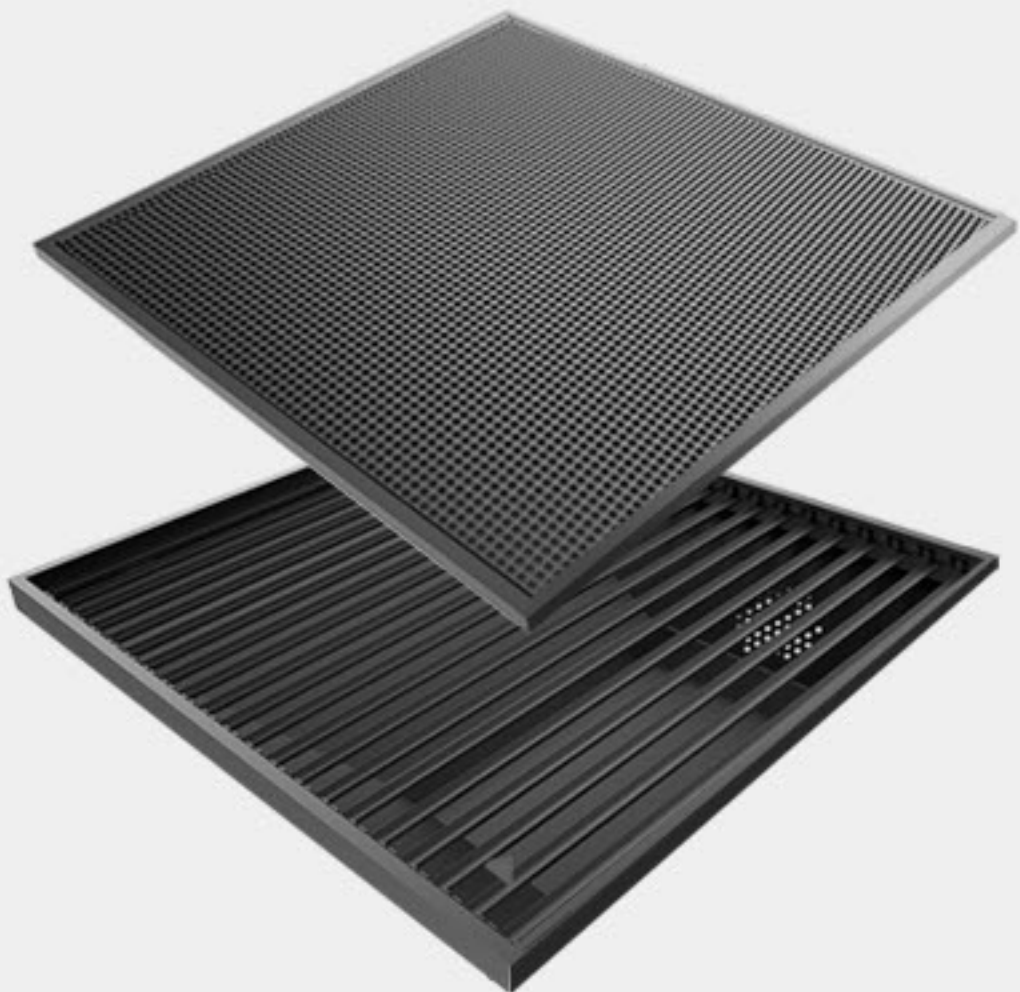


One Button Starting Fan

The fan can be started by one button. You can contro 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
· Filterlarge particles in bags
HEPA filtration arger than 0.03UM particle
Activated carbon adsorption system.

Technical Parameters

Laser-Type	Sealed CO2 laser tube
Laser Power	80W-130W
Cutting Area	900mmx600mm
Whole Machine Size	1360*1010*1070mm
Cutting Speed	0-60000mm/min
Resetting Posttioning Accuracy	±0.05mm
Working Voltage	AC110-220V±10%,50-60Hz
Gross Power	<1000W
Operating Temperature	0-45
Operating Humidity	5-95%
Minimum Shaping Character	English 1x1mm
Graphic Format Supported	BMP,PLT,DST,DXP,and AI
Driving System	stepper
Cooling Mode	water-cooling and protection system
Auxliary 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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