

LG6040N

LASER ENGRAVING MACHINE

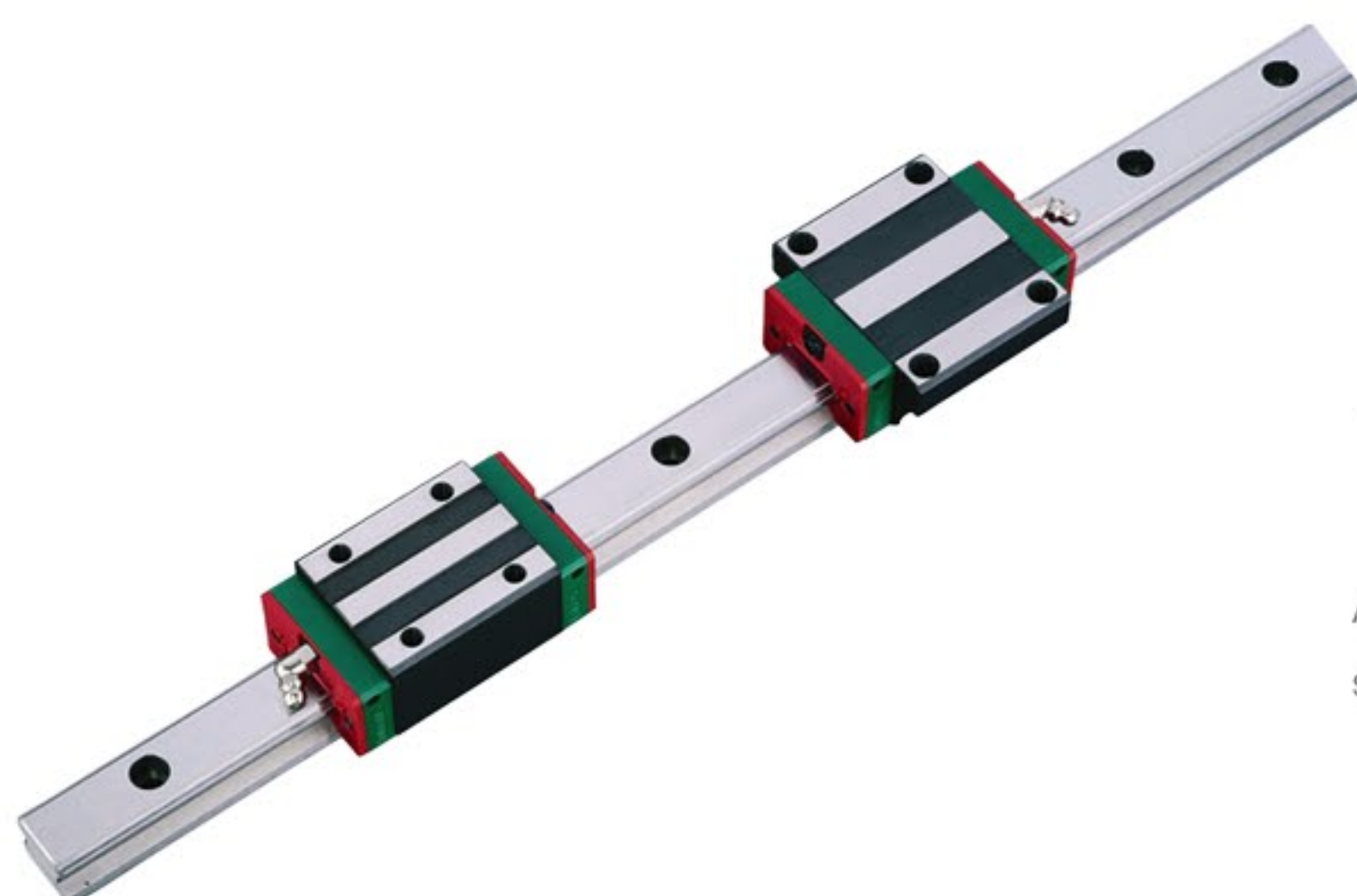


Electronic lifting

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.



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 laser tube adopts the special technology production, the laser beam is sharp after focusing,the mark line is narrow,the scale s deep, the resolution s 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.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 byll-VI Company, USA.
- High focus, high transmittance. Thelight beamin the transmisson process to minimize the loss, light spot fine, uniform ight, 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 acceeration performance.

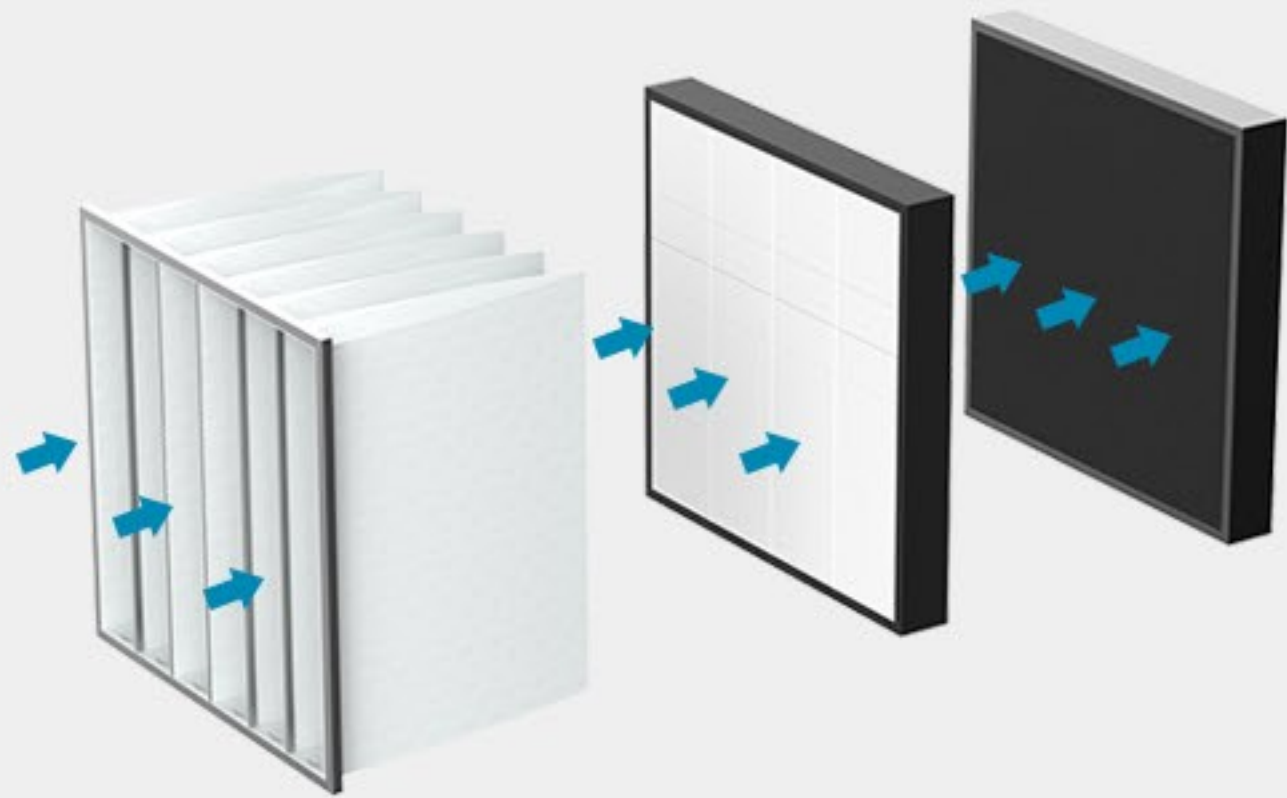
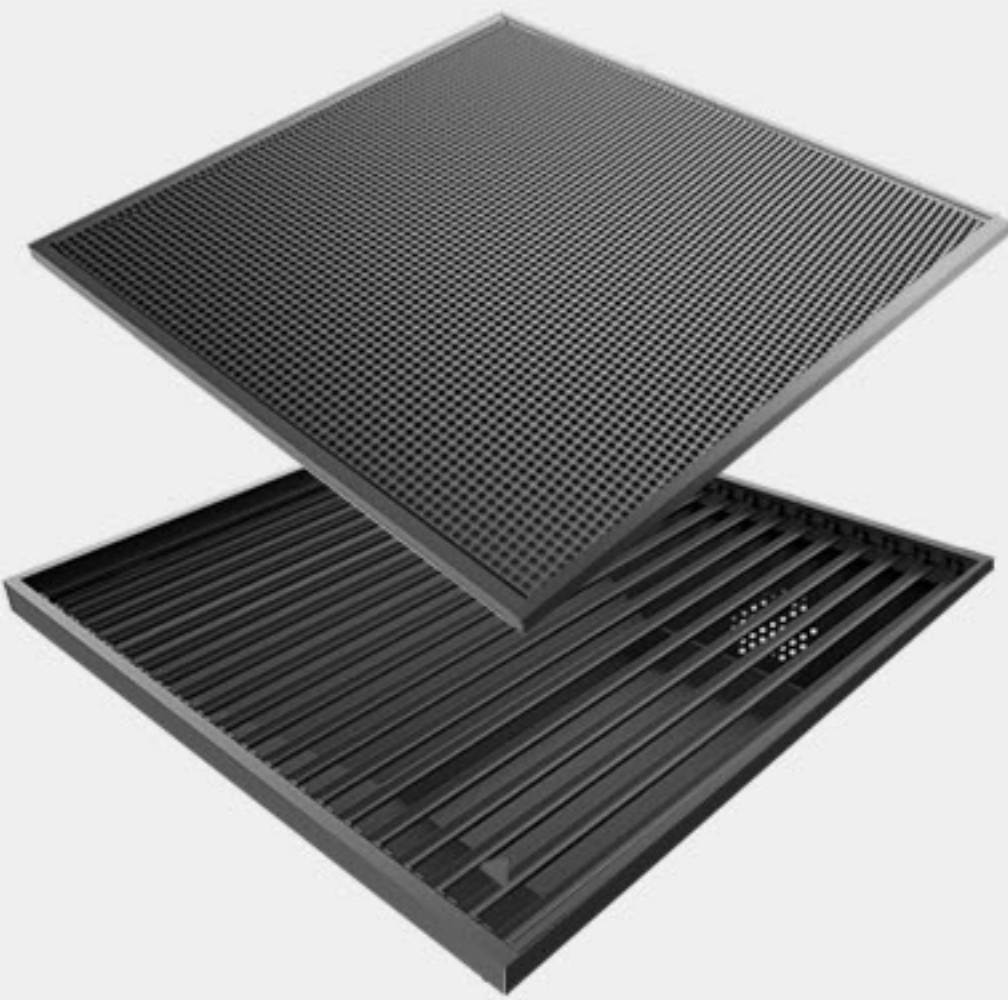


One Button Starting Fan

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 filtraton**
- Filter large particles in bags.
- HEPA filtration arger than 0.03UM particle.
- Activated carbonadsorption system.

Technical Parameters

Laser-Type	Sealed CO2 laser tube
Laser Power	40W 60W 80W
Engraving Area	600mmx400mm
Worktable	Motorized up down table
Whole Machine Size	1360*850*950mm
Engraving Speed	0-36,000mm/min
Resetting Postioning Accuracy	±0.05mm
Working Voltage	AC 110-220V±10%,50-60Hz
Gross Power	<1000W
Operating Temperature	0-45
Operating Humdity	5-95%
Minimum Shaping Character	English 1×1mm
GraphicFormat Supported	BMP,PLT,DST,DXP,and AI
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,organicglass,plastic,garments,paper, leather, rubber,and other nonmetal materials.



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