

# Desktop CO2 Laser cutting & engraving machine

Good-Laser

**HH002** 

A wonder box to fulfill every of your fantastic idea Made for makers and Steam education



#### High precision & Fast

**60** W CO2 laser power

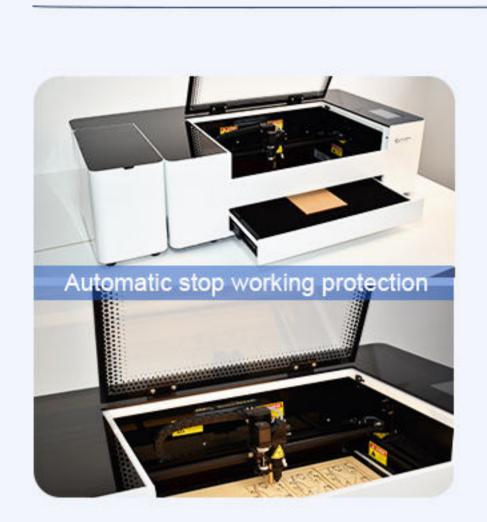
≤**0.025**mm Laser beam precision

950 mm Laser tube length

The working speed up to 600mm/s, and the cutting thickness up to 20mm(acrylic). fast and precise cutting and engraving for every exquisite piece.



# Multiple security protection

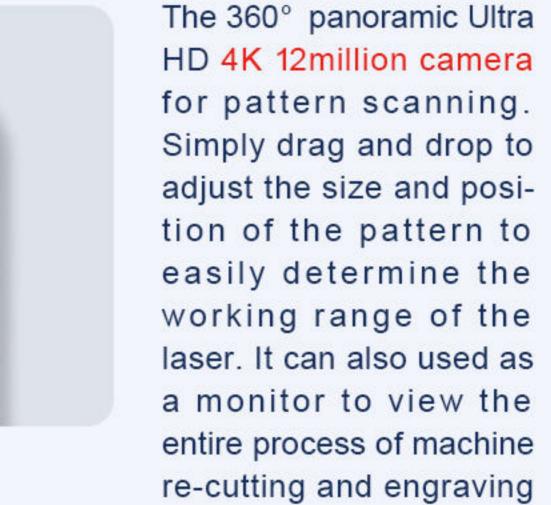


The sturdy fully enclosed machines body, the safety protection design of the drawer and cover that stop when opened, and the cutting-edge design of various other electronic components are all certified by FCC, CE and FDA.

# Powerful performance & Highly stable

The auto-focus laser head is equipped with a laser lifting stroke of 25mm to realize highly fine cutting and engraving without manual adjustment. And more than 9000 hours of laser service life.





in real-time.

#### Easy operation

The 5inch LCD touch screen and easy-to-use official creation software that compatible with Ps. Ai、CoreIDRAW、Auto-CAD, Solidworks. Upload high quality designs in JPG, DXF, Al. DST, PNG, BMP, TIF or SVG.



supported software:

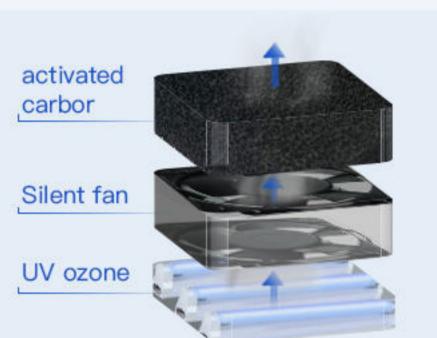


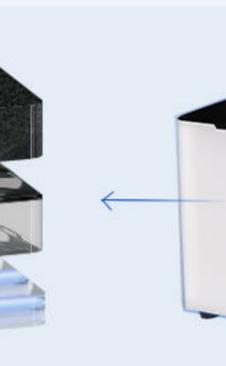


#### Integrated triple exhaust gas filter

4K 12 million pixel CCD camera

Filter, activated carbon and UV ozone multiple smoke filter system work more efficiently, cleaner and environmentally friendly.







### Support a wide range of processing application materials

Non-metallic materials such as:

wood board cardboard

corrugated cardboard

acrylic board

cloth

leather

backing board

two-color board

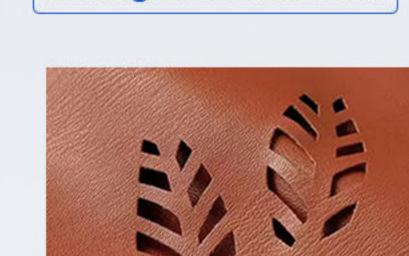
PET

rubber

veneer

glass fiber plastic









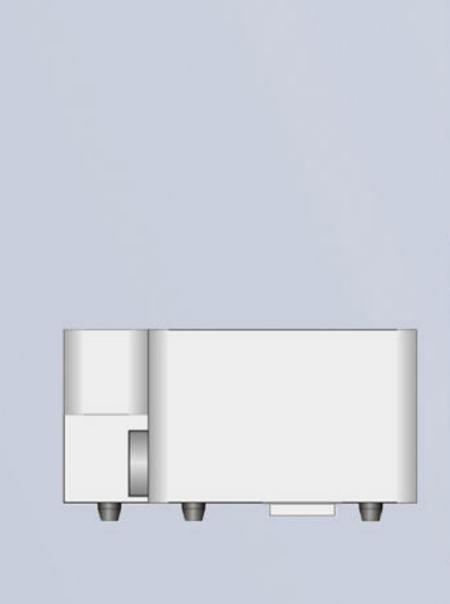


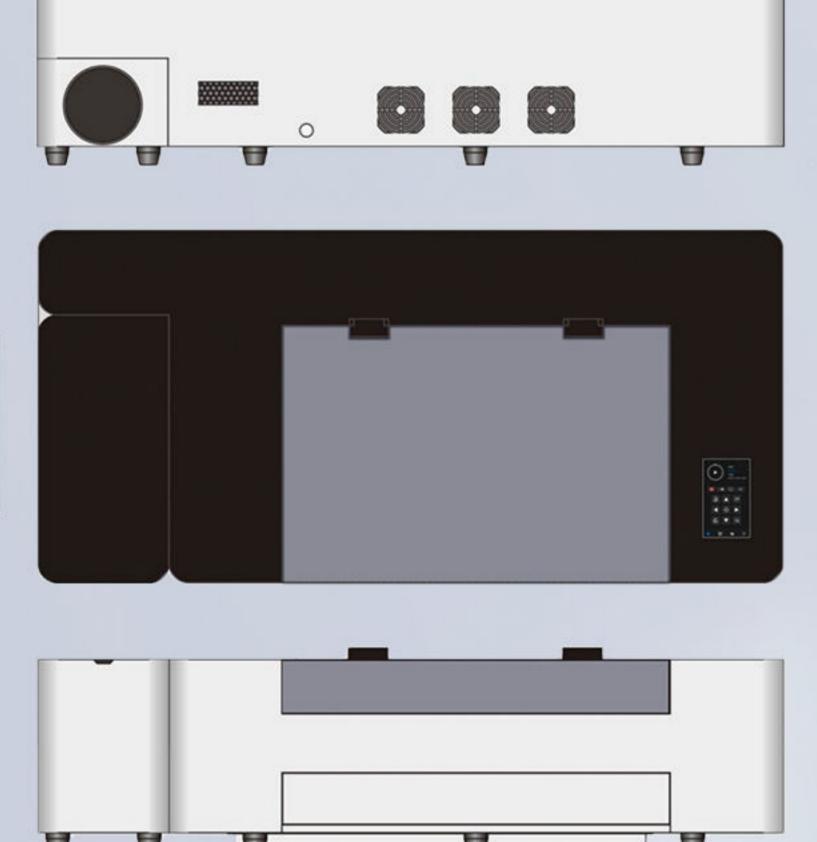


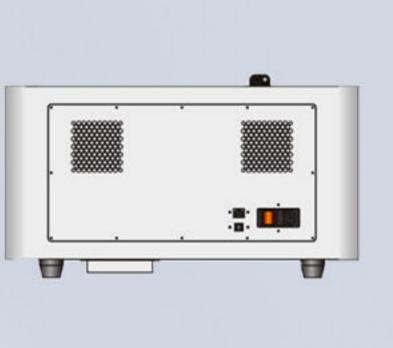


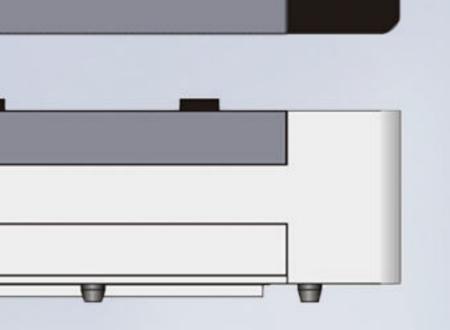


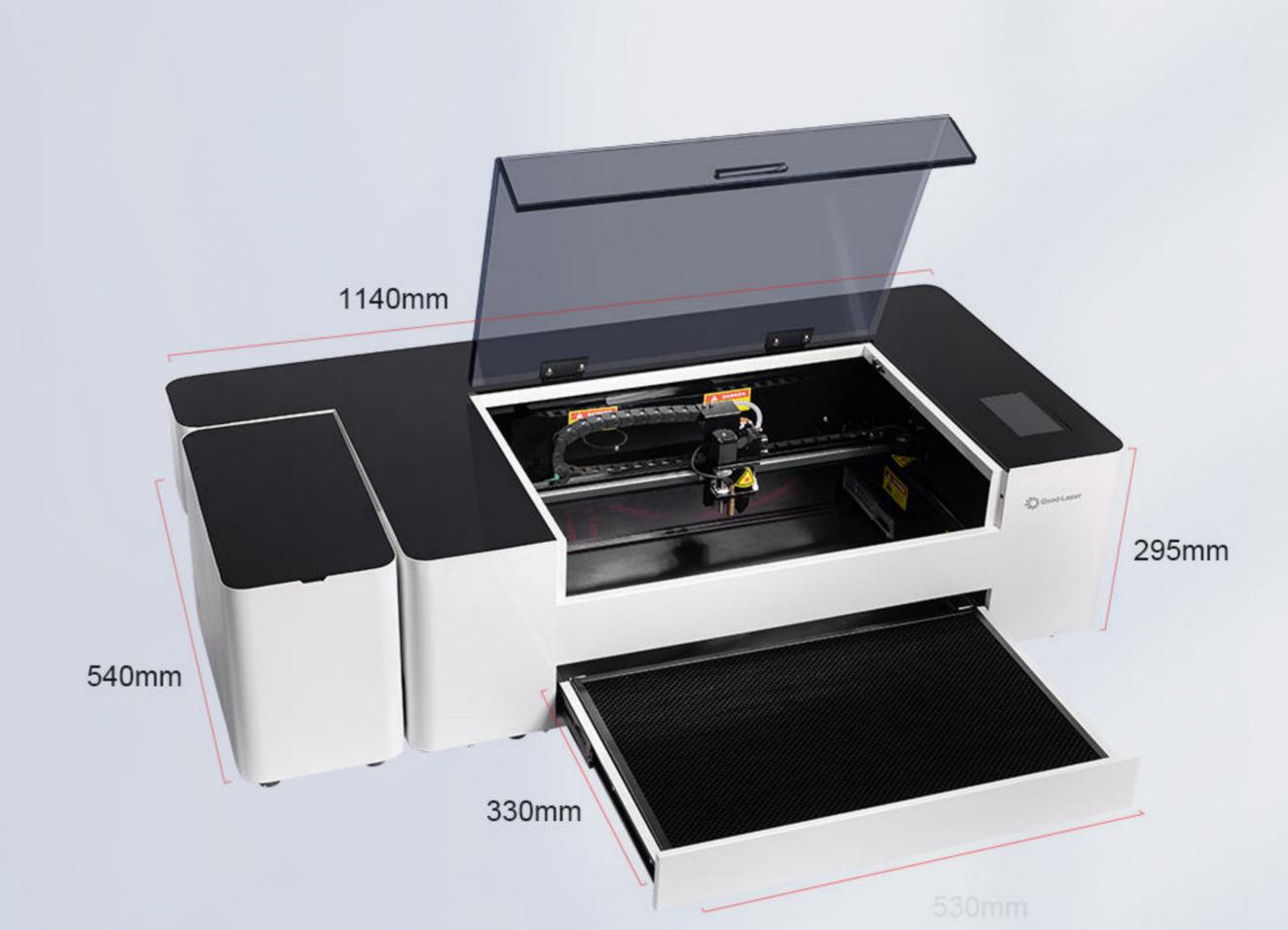
# Specification











## **Basic Specification**

Laser type	950mm CO2 laser tube
Power supply system	220V/110V AC 50HZ/60HZ Total power≤400w(optional)
Laser power	≥60W flying optical path Wavelength:10640nm
Work speed	1600mm/s
Positioning accuracy	≤0.025mm
Laser service life	≥9000-10000hours
Work area	530×330mm
Lifting stroke of laser head	≥25mm
Cutting thickness	20mm (acrylic)
Max placeable thickness material	≤22mm
Connection method	USB, network cable, WIFI
Support system	Windows, mac OS
Support software	Ps, Ai, CorelDRAW, AutoCAD, Solidworks.etc
Supported file formats	JPG, DXF, AI, DST, PNG, BMP, TIF, SVG. etc
CNC software system	RDWorksV8
Transmission form	Stepper motor X-direction linear guide + 3M timing belt; Y-direction linear guide + 3M synchronous belt
Cooling method	Built-in water cooling system, or external chiller (optional)
Machine working noise	≤60dB
Laser cutting machine size	≤1140*540*295mm

## Water Cooling System Specification (built-in)

Working voltage	DC 24V air cooling + aluminum coil,
Water tank capacity	5L, water pump 24V20W
Maximum pressure	5M
Water flow	1000L/H or external dedicated CW3000 laser chiller (optional)

## Air Pump Specification (built-in)

Voltage	AC 220V/110V 16W
Displacement	50L/min
Noise	≤48dB
Air pressure	≥0.05Mpa

### **Suction System Specification** (external conjoined) side down ventilation

Rated voltage	DC 24V/62W
Air volume	280 m²/H,5.5 m/Min
Noise	≤50dB
Voltage	AC 220V/110V120W

Filter+ Activated Carbon+UV Ozone

Machine weight

60kg