

Desktop CO2 Laser cutting & engraving machine



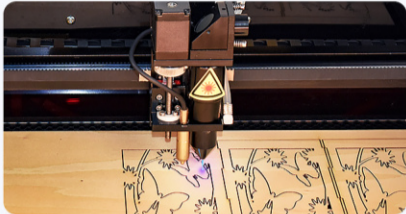
Good-Laser Light 530

► Light up your free mind of creation
Made for education and makers

High precision & Fast

60 W CO2 laser power **≤0.025mm** 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.

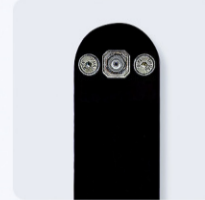


Powerful performance & Highly stable

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.



4K 13MP pixel CCD camera



The 360° panoramic Ultra HD **4K 13MP camera** for pattern scanning. Simply drag and drop to adjust the size and position of the pattern to easily determine the working range of the laser. It can also be used as a monitor to view the entire process of machine re-cutting and engraving in real-time.

Easy operation

Both the **5-inch LCD** operate screen and easy-to-use official mobile APP allow to directly operate the machine, making it more convenient to enjoy the fun of creation.



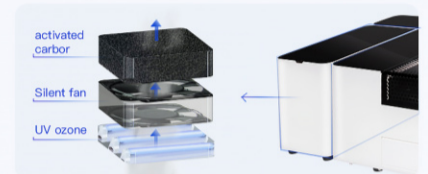
Supported software :



Supported file formats: JPG, DXF, AI, DST, PHG, BMP, TIF, SVG.

Integrated triple exhaust gas filter

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



Multiple security protection



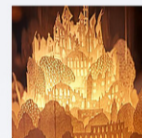
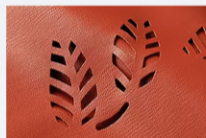
The sturdy fully enclosed machines body, the safety protection design of the drawer and cover that stop when opened, and the cutting-edge design of various other electronic components are all certified by FCC, CE and FDA.



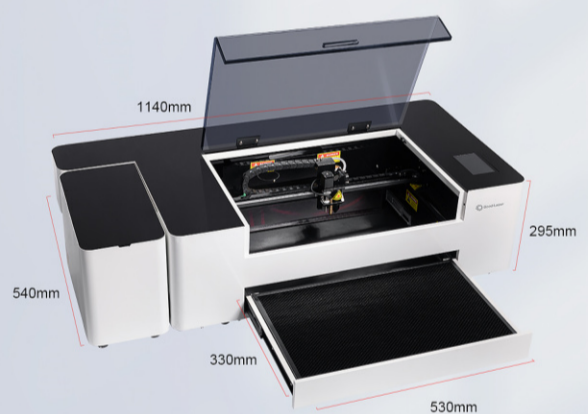
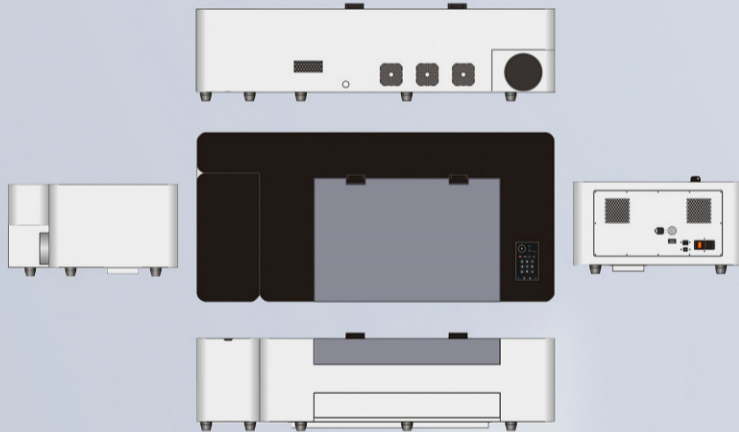
Support a wide range of processing application materials

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	1-600mm/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
Machine weight	60kg

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 m³/H, 5.5 m³/Min
Noise	≤50dB
Voltage	AC 220V/110V/120V
Filtration	Filter+ Activated Carbon+UV Ozone