

# Good-Laser Light 530

Desktop CO2 Laser  
cutting & engraving machine



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### High-quality laser

Thickened high-quality 900mm CO2 laser tube with 10640nm wavelength, provides a 60W high-quality CO2 laser that is capable of cutting wood materials up to 15mm thick. And the working speeds up to 600mm/s, with repeat positioning accuracy of 0.025mm configuration to fast and accurate cutting and engraving of sophisticated creative work.



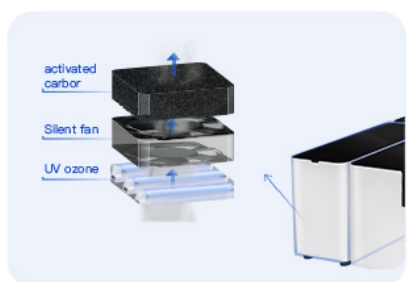
### 4K 12MP pixel CCD camera

The 12MP pixel 4K ultra HD 360°CCD camera can automatically extract the outline by taking pictures of the hand drawing to realize cutting and engraving (scanning). For printing and embroidery and other finer objects take pictures to extract cutting contour for positioning cutting. It can also be used as a monitor to view the entire process of machine re-cutting and engraving (scanning) in real-time.



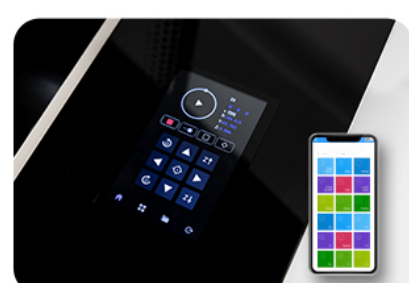
### Integrated triple exhaust gas filter

With filters, activated carbon, and UV ozone the triple filter system integrated design, it is not only cleaner and more environmentally friendly, but also more convenient and compact to place the product, which no need to purchase a separate filter box and take up more space.



### Multiple operation control modes

Users can not only perform various operations and designs on the software, but also use the 5-inch LCD operation screen on the machine to perform positioning, cutting settings, auto-focus, and other operations, and can also use the mobile APP to operate the machine.




### Various safety protection

In the safety design, the use of a fully sealed design, open cover auto stop working and drawer pop open auto stop working protection device, multiple safety designs to protect the user's safe operation.

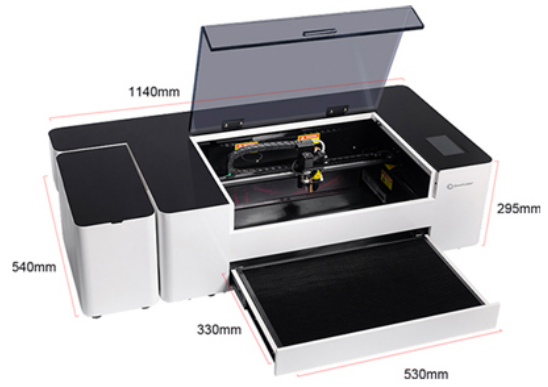


### Various design software and formats compatible

With the powerful and easy-to-use creative operation software RDworksV8, compatible with other software such as PS, Ai, CorelDRAW, AutoCAD, Solidworks, etc to Upload high-quality JPG, DXF, AI, DST, PNG, BMP, TIF, SVG and other files. 



# Specification



Basic Specification	
Laser type	220V/110V AC 50HZ/60HZ Total power: ≤400w (optional)
Power supply system	950mm CO2 laser tube
Laser power	≥60W flying optical path Wavelength: 10640nm
Work speed	1–600mm/s
Positioning accuracy	≤0.025mm
Laser service life	≥9000-10000hours
Work area	530x330mm
Lifting stroke of laser head	≥25 mm
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
Control method	touch screen buttons, mobile phone APP and software
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	1000L/H or external dedicated CW3000 laser chiller (optional)

Suction System Specification (external conjoined) side down ventilation	
Rated voltage	DC 24V/62W
Air volume	280 m³/H, 5.5 m/Min
Voltage	AC 220V/110V/120W
Noise	≤50db

## Compatible materials

cardboard

corrugated cardboard

acrylic board

cloth

leather

backing board

plastic

wood board

two-color board

PET

rubber

veneer

glass fiber

