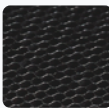# Good-Laser

Good-Laser HGC series CO2 laser cutting & engraving machine

Laser machine model:
HGC-640/960/1280/1390/1480/1680/1810

Flexible & optional configuration

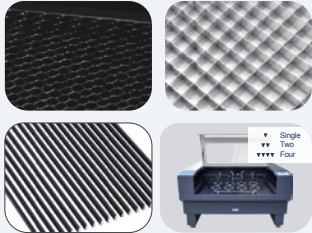| 60W/80W 100W/130W/150W	Honeycomb Mesh Blade	Single Two Four
CO2 Laser power	**Working platform**	**Laser head**

Highly stable

The Good-Laser HGC laser cutting series models adopt DSP digital control technology, and the laser power source developed by Good-Laser's patented technology, combined with the frame structure of integrated precision sheet metal design, to provides high stability. especially solving the yellowing, blackening and jagged issues.

Flexible configuration

The tailor-made professional accessories and personalized processing solutions for customers' needs, as well as negative pressure adsorption devices for soft materials and ultra-low temperature cooling devices for hard materials, etc., are more suitable for customers' actual applications demands.

Efficient processing

Good-Laser is the first in the industry to adopt a USB/LAN data interface, that supports hot plugging, data transmission completed in an instant, and does not occupy computer resources during engraving, greatly improving user work efficiency during processing.

Excellent cutting effect

Solve the problems of yellow, black and jagged in laser cutting and engraving processing. And the advanced cutting path management to support multiple pen numbers that freely define the engraving cutting order.
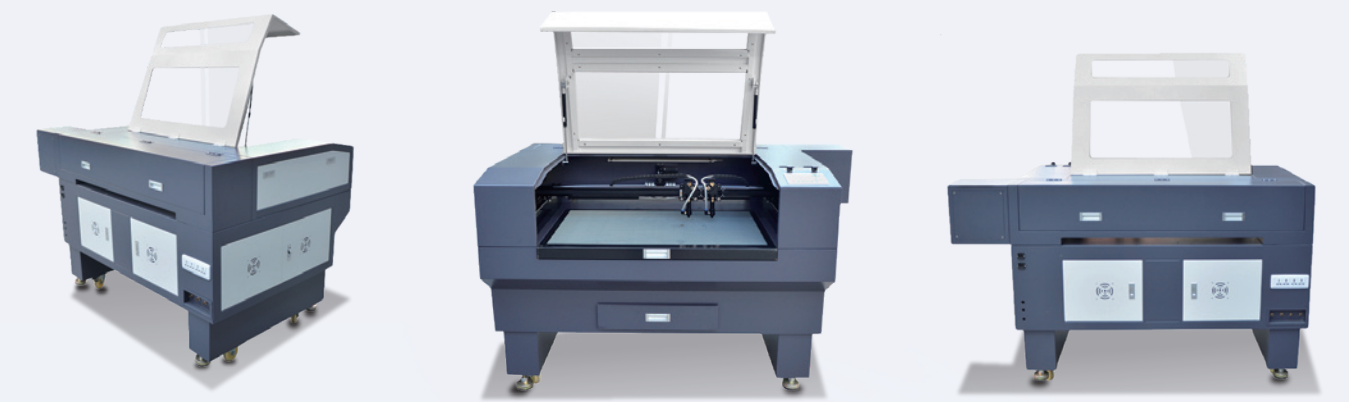
Compatible material

Wood	bamboo	Cork	Cloth	Twill	Acrylic	ABS	rubber	plastic	foam	Delrin	Plexiglass	Fiberglass	Glass

Ceramic	Tile	Marble	Leather	Wool	Fabric	Mat Board	Wool	Paper	Pressboard	Mylar	Anodized aluminum

Stainless steel	Coated Metals

Specification

Basic Specification

Product name	HGC series CO2 Laser cutting & engraving machine
Product model	HGC-640/960/1280/1390/1480/1680/1810
Laser type	CO2 laser

Optional device

Laser power	60W/80W/100W/130W/150W
Laser head	Single, two,four laser head optional
Working platform	Honeycomb/Mesh/Blad
Working area	600x400mm 1200x800mm 900x600mm 1300x900mm 1000x800mm 1400x1800mm
Lifting system	Automatic, manual optional
Focusing mode	Automatic, manual optional
Rotation device	Optional

Motor system	Off-line step control system
Engraving speed	0-800mm/s
Cutting speed	0-400mm/s
Repeated precision	±0.01mm
Maximum scanning precision	25000PI
Minimum linewidth	0.1mm
Machine operation panel	LCD screen
Exhaust system	Exhaust fan, exhaust hose, air pump
Cooling modelt	Forced water cooling and protection system
Machine power	≤2.5KW
Working voltage	AC220V±50Hz(60Hz)
Operating temperature	0℃-45℃
Operating humidity	5%-95%
Machine weight	170KG-290KG
Machine size	1510x1105x1100mm 1820x1320x1100mm 1920x1420x1100mm 2020x1320x1100mm 2200x1520x1100mm