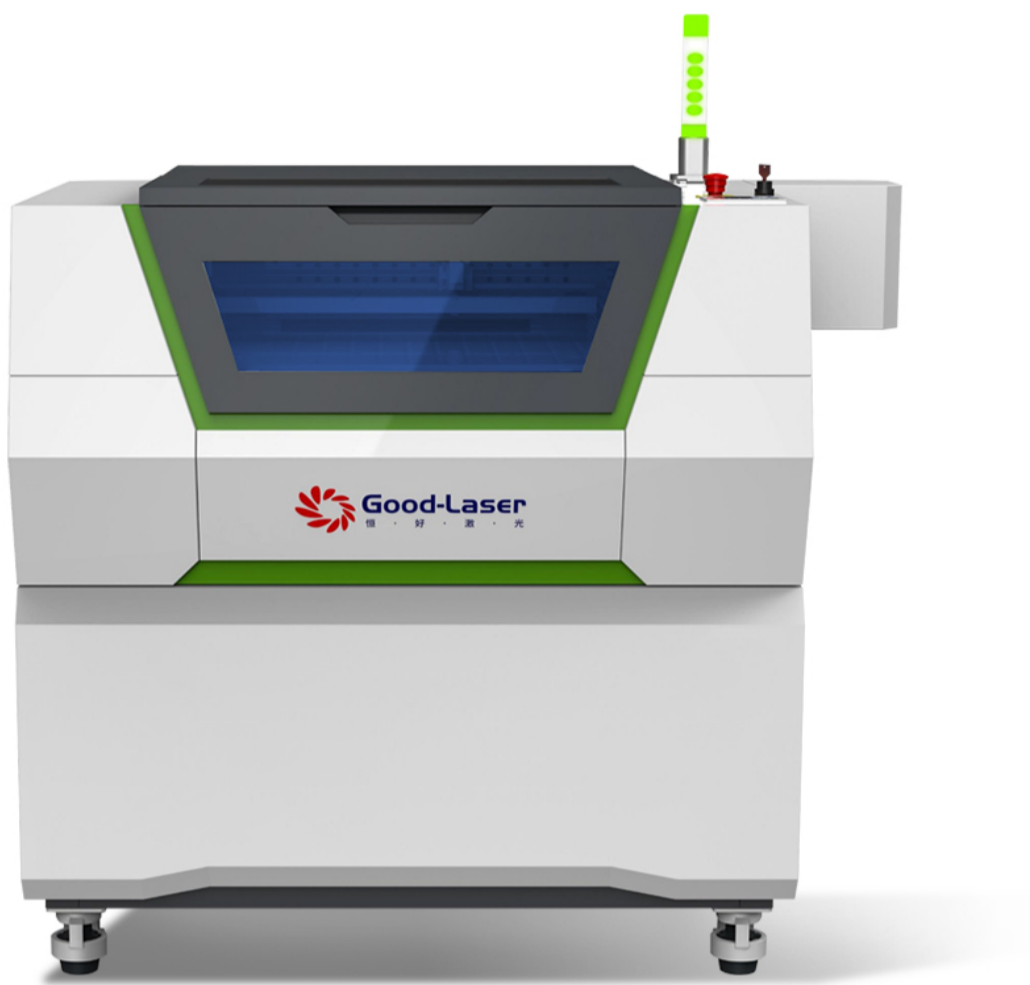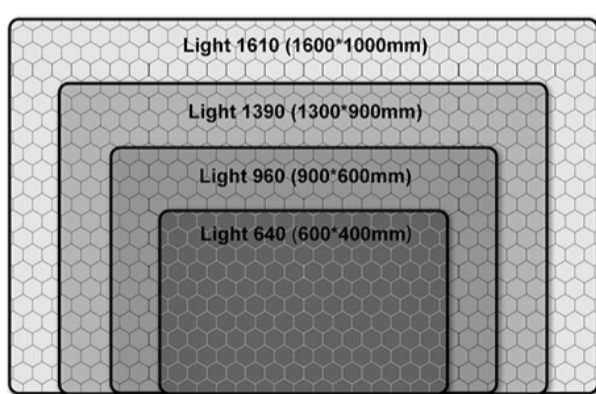# Good-Laser Light 640 series

CO2 laser machine series

Multiple laser power configurations of 4 size in full series laser machine
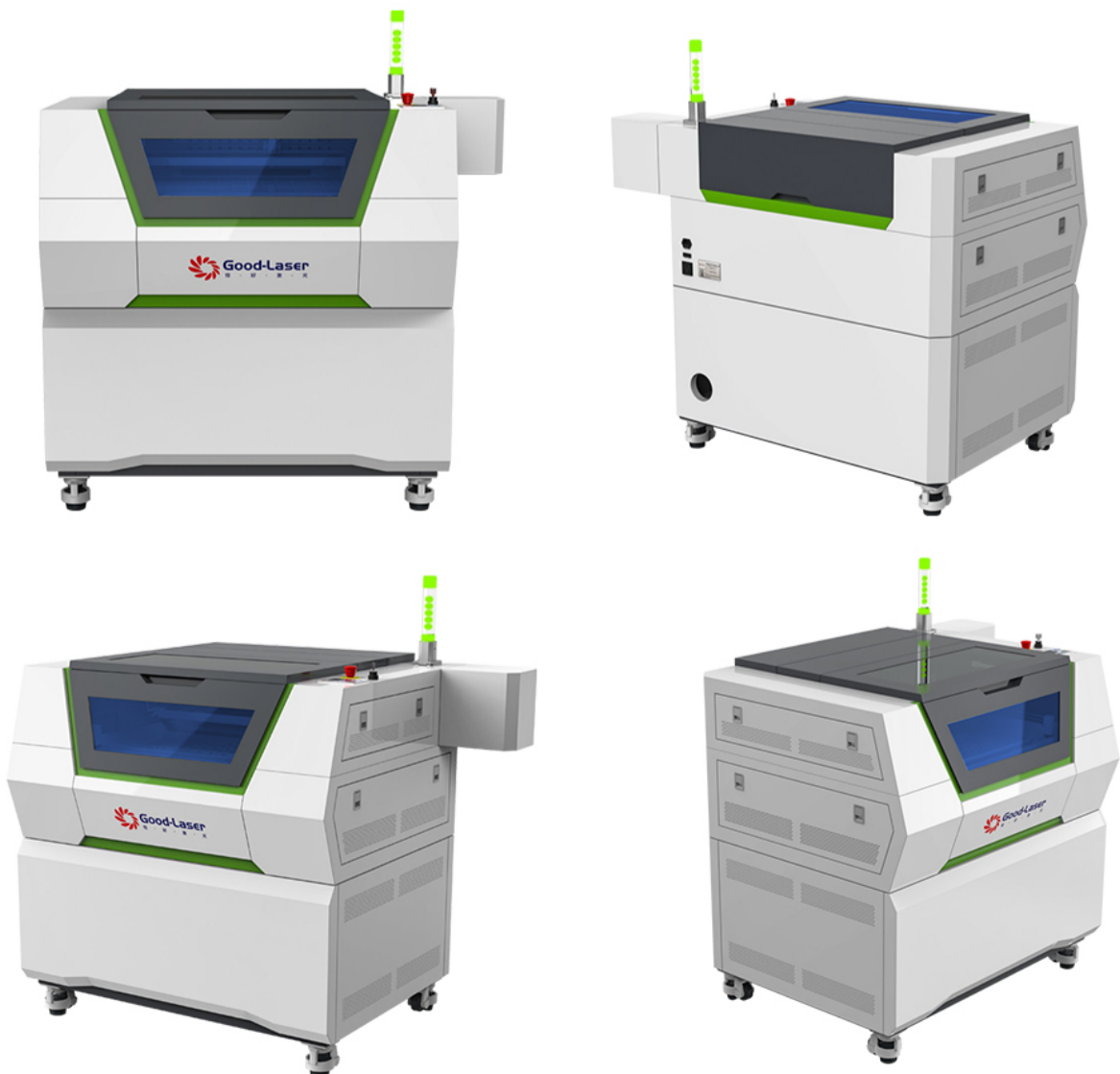
Different models with a variety of laser power
to meet different application requirements

Light 1610 (1600*1000mm)
Light 1390 (1300*900mm)
Light 960 (900*600mm)
Light 640 (600*400mm)

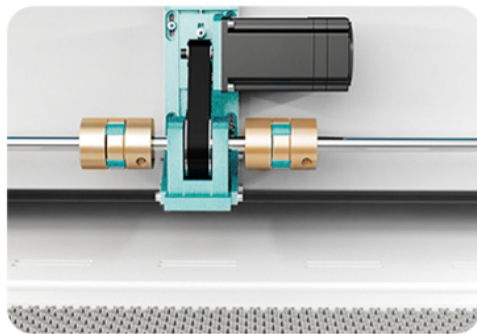**Laser type:** DC CO_2

Laser Power: 60W-130W

Working area: Light 640 （600*400mm）
Light 960 （900*600mm）
Light 1390 （1300*900mm）
Light 1610 （1600*1000mm）

For the excellent cutting and evraving works

Faster and Quieter

Shock-proof and high safety thanks to the advanced high-performance hybrid servo motor. It not only supports a working speed up to 1000mm/s but also runs more stably and with lower noise.

High-quality laser tube

We have strict standards, testing, and inspection procedures for the laser tubes. The thickness of tubes is thicker than ordinary laser tubes, which is more secure and durable, and provides higher-quality carbon dioxide energy for delicate laser cutting and engraving work.
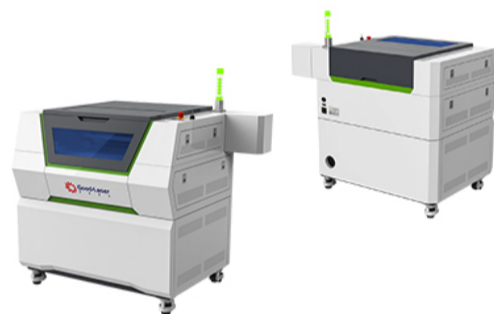
Efficient autofocus + red dot positioning

The autofocus function can quickly and accurately focus and locate before cutting and engraving. Coupled with the beam positioned by the red dot to view the working position in real-time, it saves a lot of time and brings better cutting and engraving results.

Considerate and advanced safety

1. Emergency stops
2. Alarm lamps
3. Water protection switches
4. Earth wiring
5. The built-in heat detector alarm automatically switches on in the event of abnormal machine activity
6. 5x open flap protection
7. The tempered glass material is durable protection window

Specification

Laser System		Light 640	Light 960	Light 1390	Light 1610
Laser Tube Wattage		40-60Watt	80-100Watt	100-130Watt	80-100Watt
Work Area		600x400mm (23.6" x 15.7")	900x600mm (35.4" x 23.6")	1300x900mm (51.2"x35.4")	1600x1000mm (63.0"x39.4")
Max Part Size (WxLxH)	Front door closed	700x530x170mm (after taking out t he honeycomb bed) (27.6" x 20.9" x6.7")	1000x730x230mm (39.4" x 28.7" x9.0")	1400x1030x230m (55.1" x 40.6" x9.0")	1700x1130x230mm (66.9" x 44.5" x9.0")
	Pass-through door	700x∞x20mm (27.6" x ∞" x 0.8")	1000x∞x20mm (39.4" x ∞" x0.8")	1400x∞x20mm (55.1" x ∞" x0.8")	1700x∞x20mm (66.9" x ∞" x0.8")
Table Size		700x530mm (27.6" x 20.9")	1000x730mm (39.4" x 28.7")	1400x1030mm (55.1" x40.6")	1700x1130mm (66.9" x 44.5")
Z Axis Height		150mm(5.9")	230mm(9.1")	230mm(9.1")	230mm(9.1")
Dimensions(WxDxH)		1070x810x610mm (42.1" x 31.9" x24")	1500x1105x1040mm (59.1" x 43.5" x40.9")	1900x1405x1040mm (74.8" x 55.3" x40.9")	2200x1505x1040mm (86.6" x 59.3" x40.9")
Net Weight		130kgs(287lbs)	310kgs(683lbs)	430kgs(948lbs)	470kgs(1036lbs)
Laser Type		Sealed Co2 Glass Laser Tube			
Cooling		Water Cooled			
Motion Control System		High-Speed Hybrid servo motors			
Maximum Speed		1000mm/S(39.4 IPS)			
Speed and Power Control (engraving depth)		Computer or manually controlled speed and power from 0-100%. Vector color mapping sets speed and power settings using RGB color mapping.			
Operating Modes		Optimized raster, vector, and combined mode			
Resolution(DPI)		User-controlled from 100 to 500DPI(standard laser head), up to 1000 DPI(HR head)			
Computer Interface		Ethernet and USB Connection			
Compatible Operating Systems		Windows XP/2000/Vista/7/8/10,macOS			
Buffer Memory		128MB Standard			
Display Panel		3.5" LCD panel showing current file, total working time, laser power, speed, etc.			
Electrical Requirements		110 to 240 volts, 50 or 60 Hz, single phase			
Ventilation System		Integral exhaust fan. There is 1 output port, 24/35:150mm, 51/63:200mm in diameter in the rear of the case.			

Compatible materials

Wood | Acrylic | Delrin | Cloth | Leather | Mat Board | Melamine | Pressboard | Paper | Mylar | Twill | Cork

Glass | Coated Metals | Ceramics | Marble | Rubber | Wood Veneer | Pressboard | Fiberglass | Plastic | CorCoriank

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