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## 51" x 24" (1300mm x 620mm) Laser Cutting & Engraving Machine

Item Code: LEM-CM120



FOB Price: **\$7,070/set**

Mini Order: 1 set

Shipping Weight: ★★★★★

Average Rating: 1793.3lb (815.12kg)

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### Overview

**Main Function:** Scan/engrave/cut

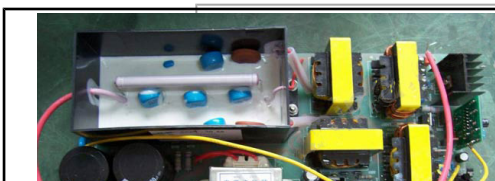
**Application:**

This laser cutting machine is convenient for advertisement decoration, art, cutting of model, toys, paper products and other industries.

**Materials that can be engraved:** Non-metal materials and coated or painting metals, such as bamboo, coconut shell, plexiglass, acrylic, rubber, paper, etc. With the rotating unit, it can work on cylindrical objects such as cups and pencil vases, etc.

**Product Highlights:**

- . This laser cutting and engraving machine is the newest version of the LCM-B series, it includes all functions of LCM-B series, but increases a large-scale of automatic worktable that moves up and down to a maximum height is 210mm (8.27").
- . More elegant appearance, higher quality than the LCM-B series laser cutting machine.
- . With the super fine cutting technology, the cutter can achieve great accuracy and smooth curves with slight tremble.
- . **USB data interface**, you can use MSF to save multiple files at the same time.
- . The machine comes with two sets of software, CSACE and Printing Driver. CSACE can input BMP and PLT file format design, then edit and output them; Print Driver can directly output many file format in Windows system, like Photoshop, CorelDraw, AutoCAD, etc.
- . LCM-CM120 laser cutting and engraving machine is equipped with a knife-shaped aluminum rib working table, to avoid producing defective products caused by the reflection of rib piece, when cutting acrylic and wood, it also makes the finished products recede below the drawer.
- . LCM-CM120 laser cutting & engraving machine adopts a high quality CO2 80W glass laser tube made in China with fine cutting effect and accessible price.
- . With high quality water chiller for you option. The water chiller can prolong the using life of the laser tube and ensure a better engraving effect.
- . Power Source is the core technology: this laser engraver adopts an original adjustable internal resistance mode instead of the traditional PWM pulse width modulation mode. The new power source mode has more powerful internal resistance, higher stability and reliability for a good ballast effect.
- . LCD display on the laser cutting machine makes it easy to operate and ensures the user's safety.



Power Source	Control Panel
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#### Spare Parts:

Glass laser tube 80W (length: 1.6m) (add an extra USD \$525 to the price)

Reflective mirror(Dia.: 20mm): (add an extra USD \$30 to the price)

Focus lens: (add an extra USD \$98 to the price)

#### Optional Device:

- Glass laser tube 100W (length: 1.6m)(add an extra USD \$882 to the price)
- Water chiller: It can extend the using life of laser tube and ensure the engraving effect is better.(add an extra USD \$331 to the price)
- Small Rotating Fixture: Used for ?5-20mm column. (add an extra USD \$529 to the price)
- Big Rotating Fixture: Used for ?8-150mm column. (add an extra USD \$551 to the price)
- Three Claw Rotating Fixture: Used for ?160~260mm column, automatic alignment center. (add an extra USD \$889 to the price)

**About Laser Cutting Machine:** Using a10.64um CO2 laser focused on the surface of the material, the laser machine can control the laser beam moving at the set speed and power to make the material vaporize instantly, and engrave and cut. Compared with other kinds of cutting methods, laser cutting has the advantages of a small cutting slit, smooth cutting edge, small heat distortion, and no need for spare cutting tools. It can easily cut soft or hard materials, indistinctly. It is controlled by a computer system that can optimize the program and preserve the material very well.

Note: Ideal for non-metal materials, this laser cutting and engraving machine comes with an automatic worktable that goes up and down, and a cutting area of 1300\*620mm(51.2"\*24.4").

#### Samples:



## Details

Support Image Format	BMP, PLT, compatible with many file format in
Interface	USB, LPT
Laser Power	CO2 glass tube 80W
Effective Cutting Area	51.2" x 24.4" (1300 x 620mm)
Max. Cutting Speed	1496" (38000mm)/min
Max. Cutting Thickness	1.182" (30mm)
Resolution	8000dpi
Positioning Precision	0.0009" (0.025mm)

## Specifications

Maximum Cutting Area	51.2" x 24.4" (1300 x 620mm)
Laser Power	CO2 glass tube 80W (Normal lifespan: about 1000 working hours)
Cutting Speed	0-38000mm/min(1496"/min)(adjustable)
Maximum Cutting Thickness	30mm (1.182") for acrylic

Resolution	?8000dpi (8000dpi is the best)
Positioning Precision	0.0009" (0.025mm)
Whole Power	600-1500W
Cooling method	Water cooling and protection system
Supported Image Formats	BMP, PLT, compatible with many file format in Windows OS, such as AI, CorelDraw, Photoshop, AutoCAD
Cutting Software	CSACE and print driver
Interface	USB, LPT
Voltage	AC 220V/50Hz
Standard Equipment	Knife-shaped aluminum rib working table, exhaust fan, exhaust pipe, water pump, air pump.
Spare Parts	Reflective mirror, lens, laser tube.
Optional Device	R.F. tube 100W (recyclable), CO2 glass tube 100W, water chiller.
Machine Dimensions	74.8" x 47.2" x 40.6" (1900 x 1200 x 1030mm)
Machine Weight	418.9Lb (190kg)
Packaging	Fumigation free package
Packing Size	80.7" x 55.5" x 55.5" (2050 x 1410 x 1410mm)
Gross Weight	705.5Lb (320kg)

## Tags

[Laser Cutting Machine](#) [Laser Engraving Machine](#)



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