



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: 1795.2lb (816kg)

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Overview

Main Function: Scan/engrave/cut

Application:

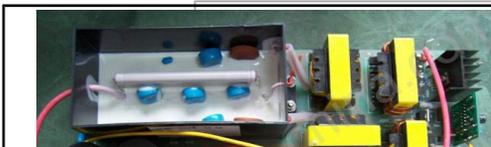
This series of cutting and engraving machine is suitable for advertisement decoration, art gift, cutting of model, toy, paper products and other industries.

Materials that can be engraved:

This cutting and engraving machine can engrave and cut nonmetal materials and coated or painting metals, such as bamboo, coconut shell, plexiglass, acrylic, rubber, paper, and so on. With the rotating unit, it can work on cylinder object such as cup, pencil vase and so on.

Product Highlights:

- . This laser cutting & engraving machine is updated from LCM-B series, it includes all functions of LCM-B series, but increases a large-scale of automatic **up-down lifting worktable**, so its max. height of processing can reach 210mm (8.27").
- . More beautiful appearance, higher quality than LCM-B series laser cutting machine.
- . Adopt the super fine cutting technology. The accuracy is greater, the tremble is slighter, cutting curve is smoother.
- . **USB data interface**, you can use MSF to save multiple files at the same time.
- . **Two sets of software** with the machine, CSACE and Print Driver. CSACE can input BMP, 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 & engraving machine is equipped with knife shape aluminum rib working table, which can avoid producing defective products due to the reflection of rib piece when cutting acrylic and wood, it also makes the finished products fall bellow the drawer.
- . LCM-CM120 laser cutting & engraving machine adopts high quality **CO2 80W glass laser tube** made in China with fine cutting effect and advantage of price.
- . With high quality water chiller for you option. The water chiller can extend the using life of laser tube and ensure better engraving effect.
- . **Power Source** is the core technology, this laser engraver adopts original alterable internal resistance mode instead of traditional PWM pulse width modulation mode. New power source mode has more powerful internal resistance, higher stability and higher reliability, which can raise good ballast effect.
- . **LCD display** makes the laser cutting machine easy operation and ensure your safe.



Power Source	Control Panel
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Spare Parts:

- Glass laser tube 80W (length: 1.6m) +\$525
- Reflective mirror(Dia.: 20mm): +\$30
- Focus lens: +\$98

Optional Device:

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

Note: If you want to engrave and cut nonmetal materials with automatic up-down lifting worktable, and your cutting area is within 1300*620mm(51.2"*24.4") , this laser cutting & engraving machine is your best choice.

Samples:



Details

Support Image Format	BMP, PLT, compatible with many file format in
Engraving Precision	0.0009" (0.025mm)
Max. Engraving Speed	0-1496.1" (0-38000mm)/min
Effective Engraving Area	51.2" x 24.4" (1300 x 620mm)
Laser Power	CO2 glass tube 80W

Specifications

Max. Cutting Area	51.2" x 24.4" (1300 x 620mm)
Laser Power	CO2 glass tube 80W (Nomal using life: about 1000 working hours)
Cutting Speed	0-38000mm/min(1496"/min)(adjustable)
Max. Cutting Thickness	1.182" (30mm) (acrylic)
Resolution	?8000dpi (8000dpi is the best)
Positioning Precision	0.0009" (0.025mm)
Whole Power	600-1500W
Cooling Way	Water cooling and protection system
Support Image Format	BMP, PLT, compatible with many file format in Windows system, like AI, CorelDraw, Photoshop, AutoCA
Cutting Software	CSACE and print driver
Interface	USB, LPT
Power Support	AC 220V/50Hz
Standard Equipment	Knife shape 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 Dimension	74.80" x 47.24" x 40.55" (1900 x 1200 x 1030mm)
Machine Weight	418.9Lb (190kg)
Package	Fumigation free package
Packing Size	80.71" x 55.51" x 55.51" (2050 x 1410 x 1410mm)
Gross Weight	705.5Lb (320kg)

Tags

[51" x 24" Laser Engraving Machine](#) [Laser Engraving Machine](#)



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