



51" x 98" (1300mm x 2500mm) Flatbed Laser Cutter Machine-Servo Motor

Item Code: LCM-FB-1325S



FOB Price: **\$18,412/set**

Mini Order: 1 set

Shipping Weight: ★★☆☆☆

Average Rating: 4382.4lb (1992kg)

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Overview

Note: Ideal for non-metal board materials, of 2000×3000mm (79"×118")

Main Function: Cut

Applications: This series large format laser engraving machine is convenient for advertisement decoration, art, cutting of template, toys and other industries. This machine is specialized in cutting boards.

If this machine is equipped with honeycomb working table, material conveyer belt and automatic roller, it is very fit for cutting rolling cloth and leather.

Materials that can be engraved:

Cutting: Acrylic, board, wood model, textile, and leather. Engraving: fur.

Product Highlights:

- This laser cutting machine is equipped with knife shape aluminum rib working table, which can avoid producing defective products due to the reflection of rib pieces when cutting acrylic and wood, it also makes the finished products fall below the drawer. This equipment is more suitable for cutting board.
- This laser cutting machine have the function of cutting, engraving and scanning on large scale.
- This machine features a fine and smooth cut. The LCM-FB can perform jobs with tighten working range, without wasting much material and saving costs.
- Outstanding design equipped with servo motor driver, the laser transmits on large scale with the feature of simple and no waste; keeping the same power on each working spot, ensuring the cutting quality.
- The exhaust system can satisfy multiple cutting request.
- The LCM-FB large format laser cutting machine adopts high quality CO2 80W glass laser tube made in China, with fine cutting effect and advantage of price.
- Equipped with high quality water chiller, which can assure the efficiency of cutting and more convenient to maintain.
- 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.

- Power Source is the core technology, this laser engraver adopts original alterable internal resistance mode instead of traditional PWM pulse width modulation mode. The new power source mode has more powerful internal resistance, higher stability and higher reliability, which can raise good ballast effect.
- Pen type laser head, it is easy to adjust the focus, and it is also installed with gas blow device, which assures the laser head keep on doing working.
- The LCD display control panel makes easy to operate and ensure your safety.
- The laser cutting machine uses a light beam as the engraving or cutting tool, so no part of the machinery actually touches the material when is being cut. There is no need of a special system to hold down your engraving and cutting material.



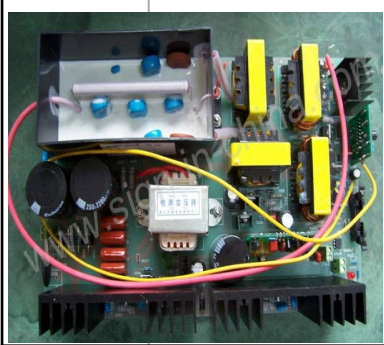
Glass tube



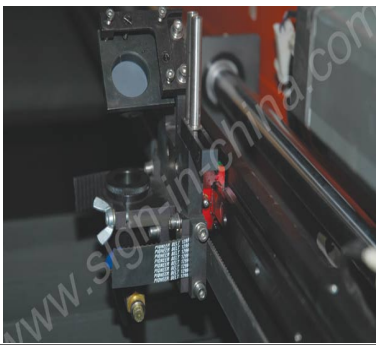
Water chiller



knife shape aluminum rib
worktable



Power Source



Pen type laser head



Controller

Spare Parts:

Glass laser tube 80W (length: 1.6m) (add an extra USD \$529 to the price)

Reflective mirror (Dia.: 30mm) (add an extra USD \$35 to the price)

Focus lens (Focus length: 63.5mm) (add an extra USD \$98 to the price)

Warranty and Aftersales Service:

One year warranty except for spare parts.

24-hour technical service support by email or calling.

User-friendly English manual for machine using and maintenance.

Samples:**Details**

Support Image Format	BMP, PLT, compatible with many file format in
Positioning Precision	0.0009" (0.025mm)
Max. Cutting Speed	0-787.4" (20000mm)/min (adjustable)
Max. Cutting Thickness	1.2" (30mm)(acrylic)
Resolution	?4000dpi ?4000dpi is the best?
Effective Cutting Area	51.2" x 98.4" (1300 x 2500mm)
Interface	LPT
Laser Power	CO2 glass tube 80W (Nomal using life: about 1000 hours)

Specifications

Product Model	LCM-FB-1325S
Maximum Cutting Area	51.2" x 98.4" (1300 x 2500mm)
Laser Power	CO2 glass tube 80W (Normal lifespan: about 1000 hours)
Maximum Cutting Speed	0-787.4" (20000mm)/min (adjustable)
Maximum Cutting Thickness	30mm for acrylic
Resolution	?4000dpi (4000dpi is the best)

Positioning Precision	0.0009" (0.025mm)
Motor	Servo motor
Power	1100-5000W
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, etc.
Cutting Software	CSACE and print driver
Interface	LPT
Voltage	AC 220V/50Hz
Standard Equipment	Knife-shaped aluminum rib working table, exhaust fan, exhaust pipe, water pump, air pump, water chiller.
Spare Parts	Reflective mirror, lens, laser tube
Optional Devices	R.F. tube 50/100W (recyclable), CO2 glass tube 100W, honeycomb working table.
Machine Dimension	70.9" x 114.2" x 42.5"(1800 x 2900 x 1080mm)
Machine Weight	1543.2lb (700kg)
Packaging	Fumigation free wooden case package
Packing Size	80.7" x 131.9" x 57.1" (2050 x 3350 x 1450mm)
Packing Weight	3086.5 (1400kg)

Tags

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