



## 79" x 118" (2000mm x 3000mm) Large Format Flatbed Laser Cutting Machine

Item Code: LCM-FB-2030



FOB Price: **\$25,205/set**

Mini Order: 1 set

Average Rating: lb (kg)

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### Overview

**Note:** If you want to engrave and cut nonmetal board materials, and your cutting area is within 79" x 118" (2000 x 3000mm), this laser cutting machine is your best choice.

Main Function: Scan/engrave/cut

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

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

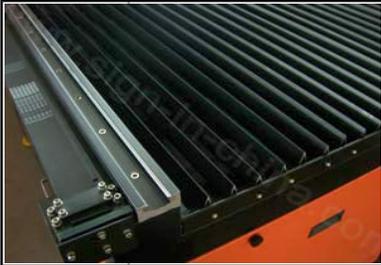
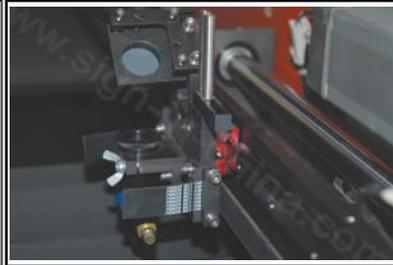
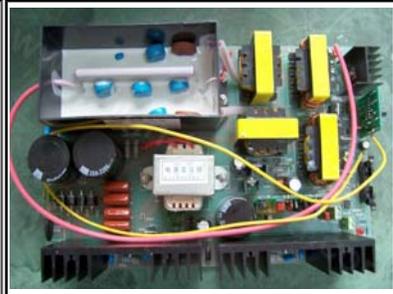
#### **Materials that can be engraved:**

Acrylic cutting and engraving, board cutting, wood model cutting, textile cutting, leather cutting and fur engraving

#### **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 fell 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 multi-request for cutting.
- . The LCM-FB large format cutting machine adopts high quality CO2 80W glass laser tube made in China with a 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.

		
Knife shape aluminum rib worktable	LCD display control panel	Pen type laser head
		
water chiller	CO2 80W glass laser tube	Power Source

**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)

**Samples:**



**Details**

Interface	LPT
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Positioning Precision	0.0009" (0.025mm)
Resolution	?4000dpi ?4000dpi is the best?
Max. Cutting Thickness	1.2
Max. Cutting Speed	787.4" (20000mm)/min
Effective Cutting Area	79.0" x 118.1" (2000 x 3000mm)
Laser Power	CO2 glass tube 80W

## Specifications

Product Model	LCM-FB2030
Max. Cutting Area	79.0" x 118.1" (2000 x 3000mm)
Laser Power	CO2 glass tube 80W (Normal using life: about 1000 hours)
Cutting Speed	0-20000mm/min(787.4"/min)(adjustable)
Max. Cutting Thickness	30mm(acrylic)
Resolution	?4000dpi (1000dpi is the best)
Positioning Precision	0.0009" (0.025mm)
Motor	Step motor
Whole Power	1100-5000W
Cooling Way	Water cooling and protection system
Support Image Format	BMP, PLT, compatible with many file format in Windows system, like AI, CorelDraw, Photoshop, AutoCAD, etc.
Cutting Software	CSACE and print driver
Interface	LPT
Power Support	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 Dimensions	88.6" x 145.7" x 53.1" (2250 x 3700 x 1350mm)

Machine Weigh

1543.2 (700kg)

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## Tags

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Email:info@sign-in-china.com Tel:+86 132 6410 3286 www.sign-in-china.com