63" x 33" (1600mm x 850mm) Detachable Board Laser Cutting Machine

Item Code: LCM-B1608

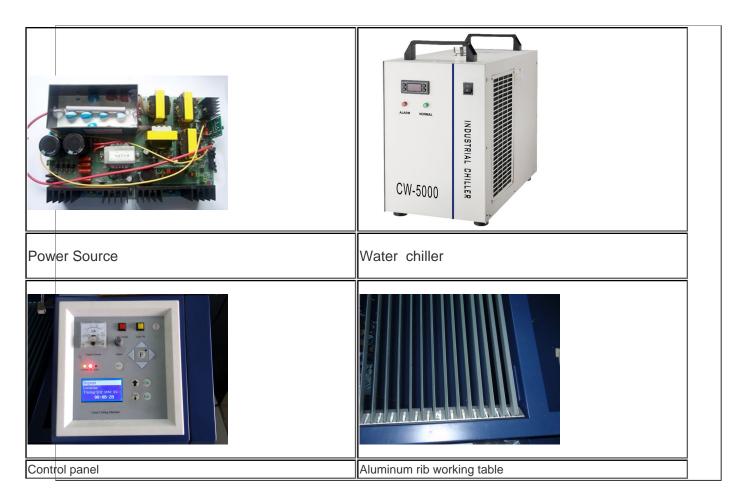|	
FOB Price:	**$7,324/set**
Mini Order:	1 set
Shipping Weight:	★★★★★
Average Rating:	2151.8lb (978.1kg)

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Overview

Main Function: Scan, engrave, cut

Application: This laser cutting machine is convenient for advertisement decoration, art, cutting template, toys and other industries. This machine is specialized in cutting boards.

Materials that can be engraved: Non-metal materials, such as bamboo, plexiglass, acrylic, rubber, paper, etc.

Product Highlights:
. With specially designed drawtube, LCM-B1608 laser cutting machine can interchange between long and short focus lens.
. Convenience of operation: With a drawer and funnel specially designed for remnant.
. With the super fine cutting technology, the cutter can achieve great accuracy with slight tremble.
. USB data interface; you can 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. High speed CPLD Memory Controller.
. This laser cutting machine is designed for board cutting. And it is equipped with a knife-shaped aluminum rib working table. This can avoid producing defective products due to the reflection of rib pieces when cutting acrylic and wood, it also helps the finished products recede below the drawer.
. The LCM-B1608 laser cutting machine adopts a high quality CO2 80W glass laser tube made in China, with fine cutting effect and accessible price.
. The cutter machine is equipped with a high quality water chiller, which 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 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.
. LCD display on the laser cutting machine makes it easy to operate and ensures the user's safety.

Power Source	Water chiller
Control panel	Aluminum rib working table

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: (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)

About Laser Cutting Machine: Using a 10.64um 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 or cut. Compared to 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 if you want to cut non-metal materials especially for board, and your cutting area is within 1600*850mm (63"*33.5").

Samples:

Details

Support Image Format	BMP, PLT, compatible with many file format in
Positioning Precision	0.0009" (0.025mm)
Resolution	8000dpi
Max. Cutting Thickness	1.182" (30mm)
Max. Cutting Speed	1496" (38000mm)/min
Effective Cutting Area	63" x 33.5" (1600 x 850mm)
Laser Power	CO2 glass tube 80W
Interface	USB, LPT

Specifications

Maximum Cutting Area	63" x 33.5" (1600 x 850mm)
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	600-4000W
Cooling method	Water cooling and protection system
Supported Image Formats	BMP, PLT, compatible with many file formats for Windows OS, such as AI, CorelDraw, Photoshop, Auto
Cutting Software	CSACE and print driver
Interface	USB, LPT
Voltage	AC 220V/50Hz
Standard Equipment	Knife shape aluminum rib working table, exhaust fan, exhaust pipe, water pump, air pump, water chiller.
Spare Parts	Reflective mirror, lens, laser tube.

Optional Device	R.F. tube 30/55/100/200W (recyclable), CO2 glass tube 100W.
Machine Dimensions	74.8" x 57.87" x 48.43" (1900 x 1470 x 1230mm)
Machine Weight	617.3Lb (280kg)
Packaging	Fumigation free package
Packing Size	80.7" x 66.14" x 55.9" (2050 x 1680 x 1420mm)
Gross Weight	992.1Lb (450kg)

Tags

Detachable Board Laser Cutting Machine   Laser Cutting Machine

QA

Q	What is the max cutting thickness of acrylic by this machine?
A	The standard laser power is 80W, the max cutting thickness for acrylic is 20mm.especially for the thickness under 10mm. Reply by sign-in-china
Q	What is the cooling way of this machine? Air dry or water cooling?
A	The cooling way is water cooling and protection system,and its' standard is with water chiller CW5000. Reply by sign-in-china