



51" x 49" (1300mm x 1250mm) Detachable Board Laser Cutting Machine (120 Watt) - with Accessories Sets

Item Code: LCM-B1312 (120W) Plus



FOB Price: **\$11,976/set**

Mini Order: 1 set

Shipping Weight: ★★★★★

Average Rating: 2633.8lb (1197.2kg)

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Overview

Applications

This laser cutting machine is convenient for advertisement decoration, art, cutting template, toys and other industries. This laser cutter machine is specializes in cutting and engraving on boards, such as non-metal materials, such as bamboo, plexiglass, acrylic, rubber, paper, etc.

Hardware requirements for computer

Requires a dedicated PC to operate

CPU: An Intel Pentium 500 or above.

Memory: 256MB or above.

Hard disk: 1GB or above.

A color monitor: 600 x 800 resolution, 16 colors or above.

Others: CD-ROM drive, parallel interface and USB.

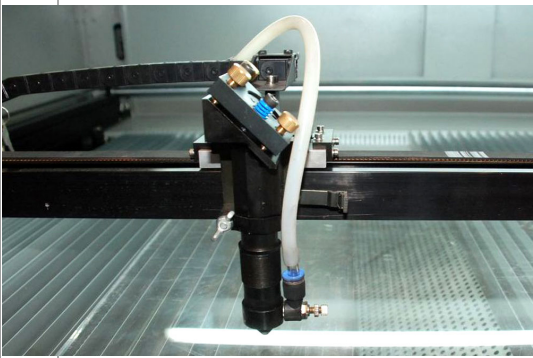

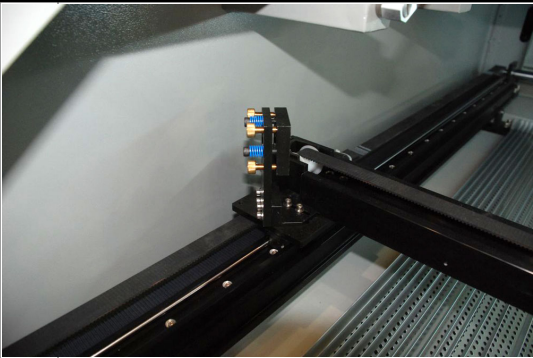

Operating system: Window95/98/ME, Windows2000/NT/XP, Windows 7

Main Features

- 51" x 49" (1300mm x 1250mm) working area
- Up to 31" IPS (80cm/s) high working speed
- Laminated Safety Glass, glass viewing windows creating a safe enclosure for laser processing.
- Adopt the super fine cutting technology, which has features of extensive material processing, smooth cutting edge and burr-free, avoid polishing, processing high speed, high precision.
- Adopt high precision equilibrium linear guide, more stable, servo motor is optional in high-end applications.
- Pass-through front and rear doors to accommodate long working pieces.
- Select KY series high quality laser tube, can cut acrylic of 30mm thickness perfectly.
- The laser cutter machine is equipped with a high quality CW5000 water chiller.
- Plug and play standard USB port for rapid data transmission.
- With the drawer and the funnel design for remnant, it is convenient to use.

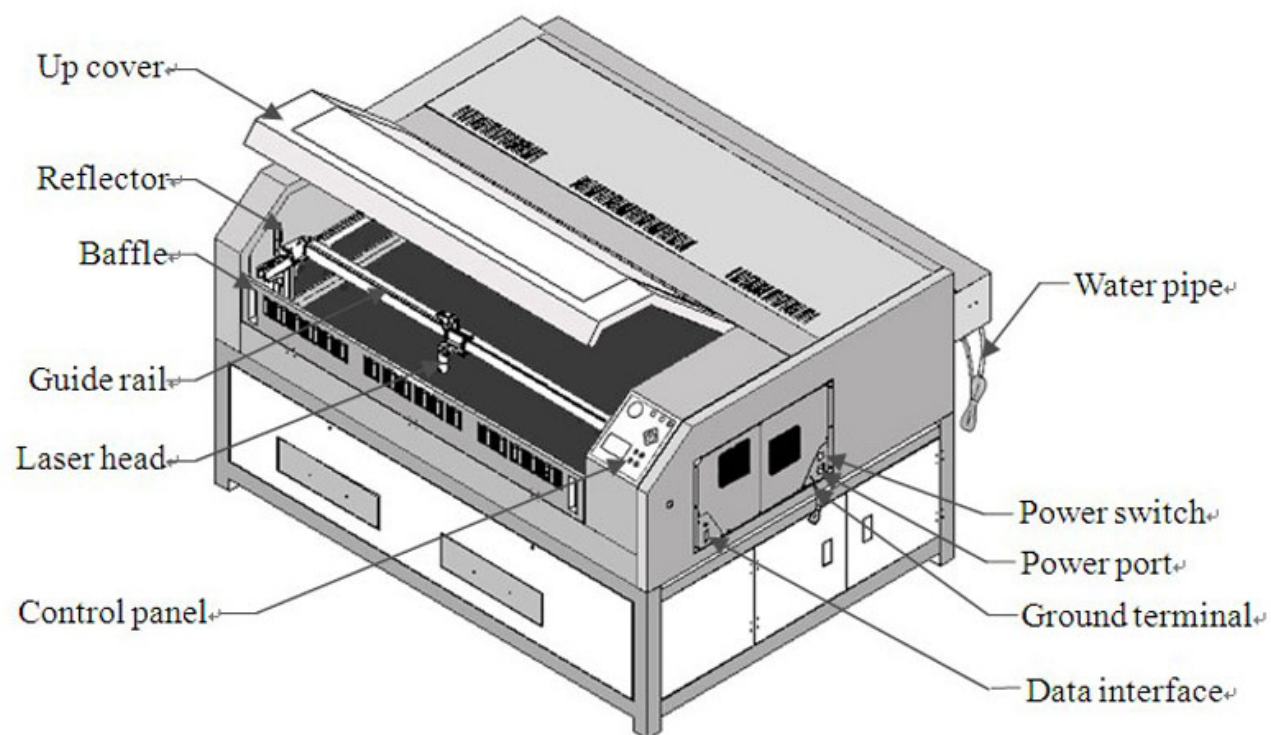
- This laser cutting machine is equipped with a knife-shaped aluminum rib working table. This can avoid producing defective products due to the reflection of rib pieces when cutting acrylic and wood. It also helps the finished products recede below the drawer.
- **Power Source is the core technology**, this laser cutter adopts original alterable internal resistance mode instead of traditional PWM pulse width modulation mode. It has more powerful internal resistance, higher stability and higher reliability, which can raise good ballast effect.
- **Easy to operate**: We provide two set of English software: ACE and PRINTER DRIVER, they are developed by ourselves and easy to learn. ACE 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.
- **Neat working environment**, The working process is clean, quiet with least waste of material.

LCM-B plus series laser cutting machine is upgraded from LCM-B series. The improvement of internal structure makes this laser cutter more sturdy and durable, which improve and enhance its quality.
 Compare with the old LCM-B series, LCM-B plus has more advantages as bellow:

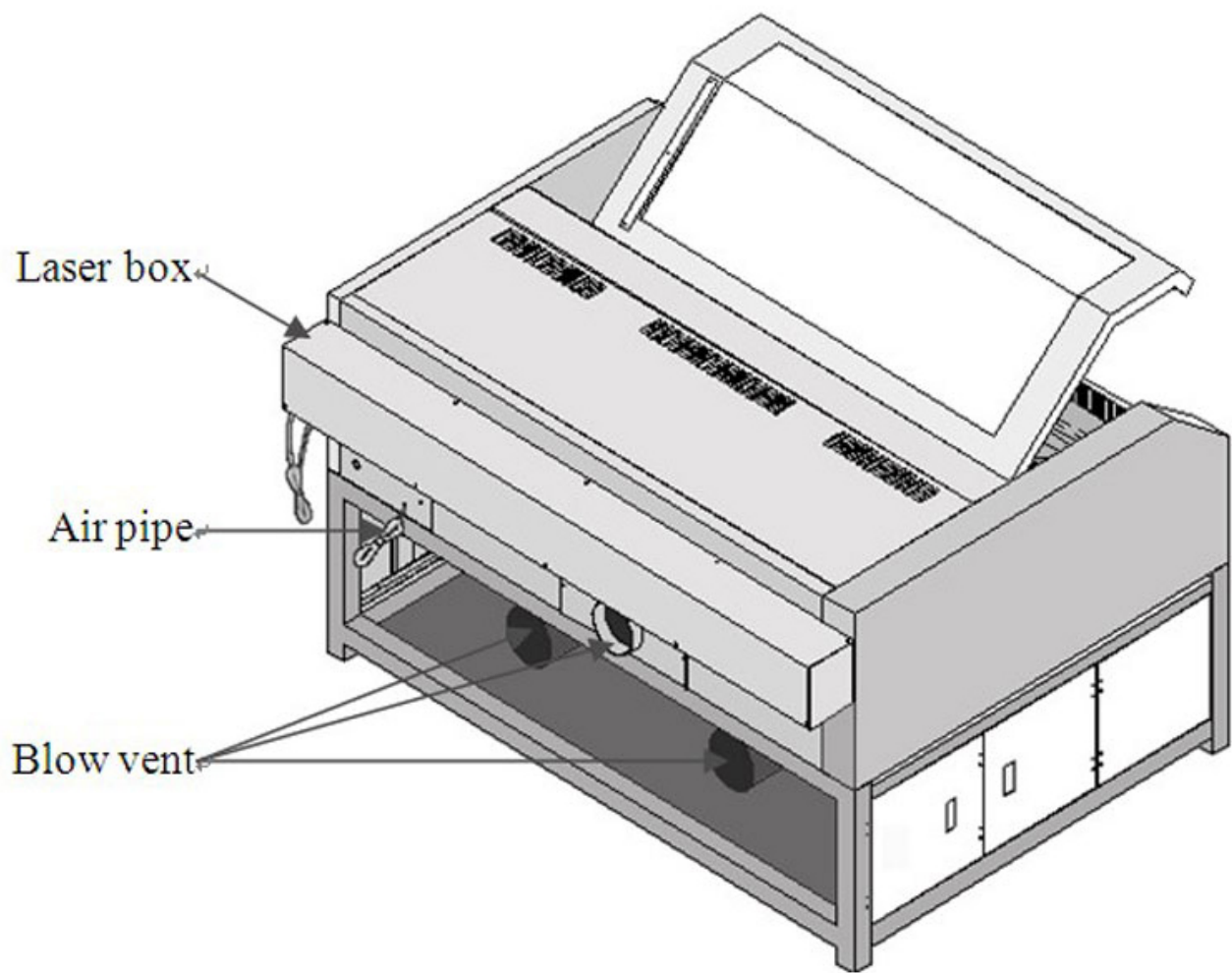
| LCM-B plus | LCM-B |
|---|---|
|  |  |
| Laser head: Enclosed | Laser head: Unenclosed |
|  |  |
| Guide rail: High precision equilibrium linear guide rail imported from Korea | Guide rail: Chinese quality common aluminum guide rail |

Appearance of the Machine

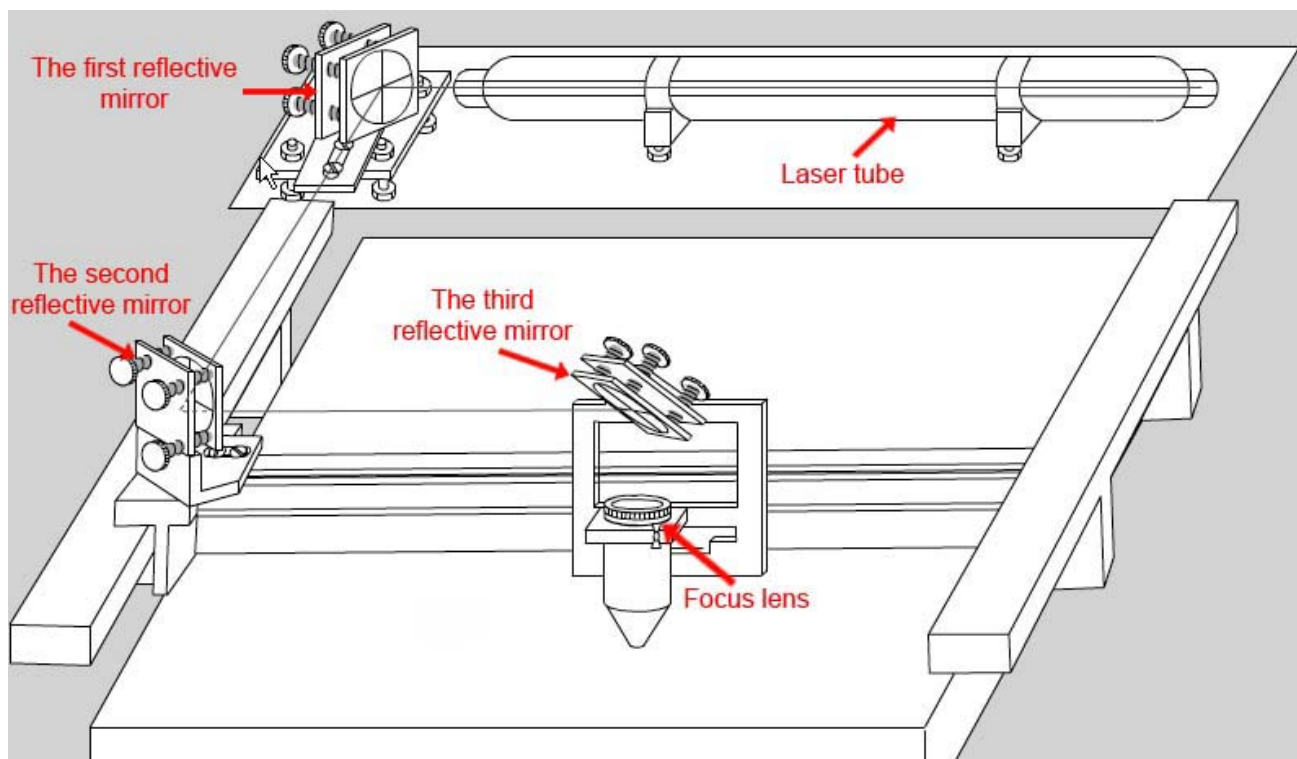
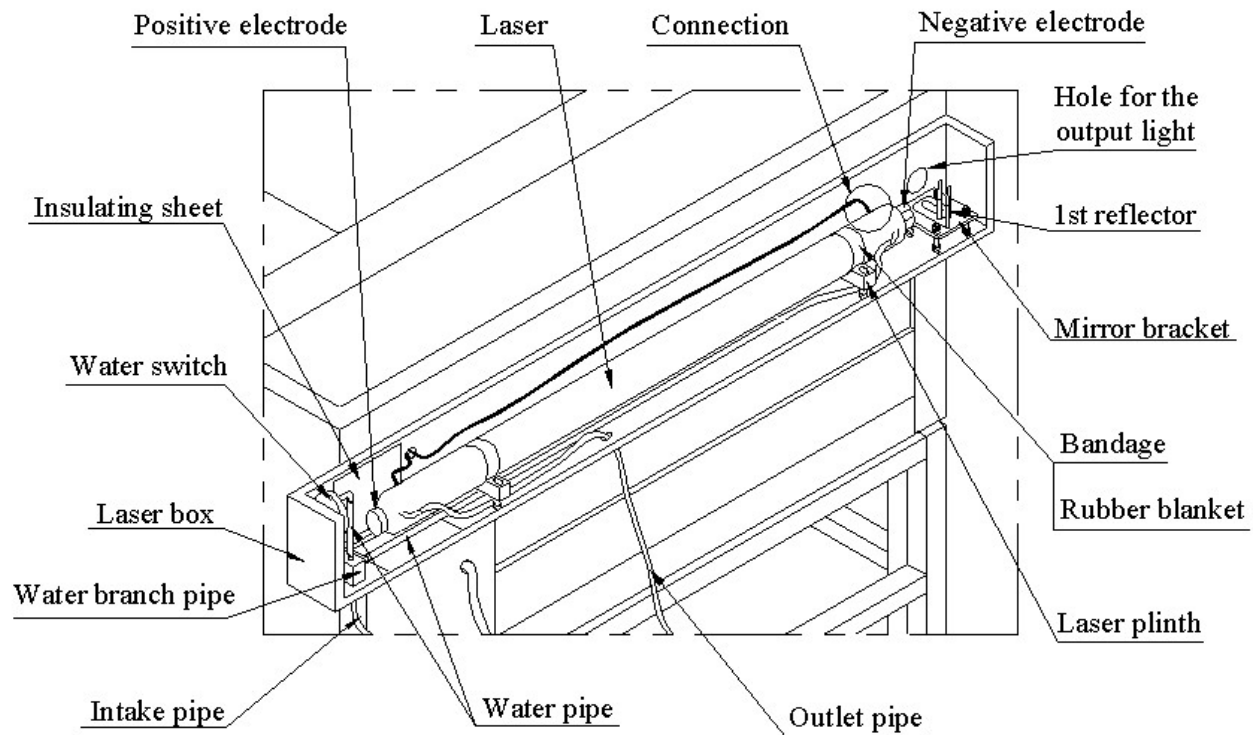
Front of the machine



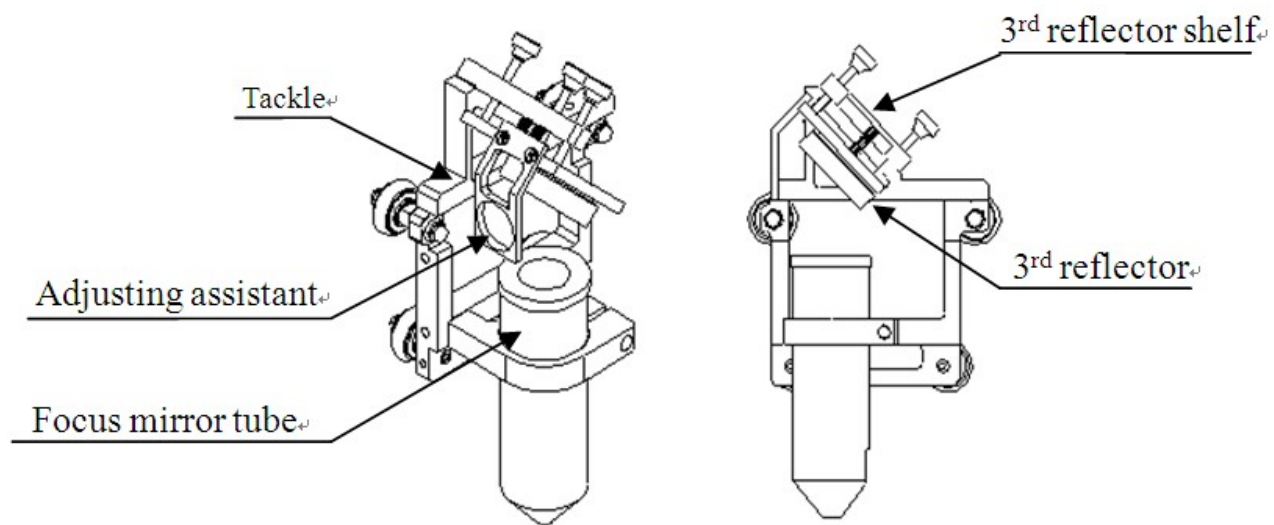
Rear of the machine



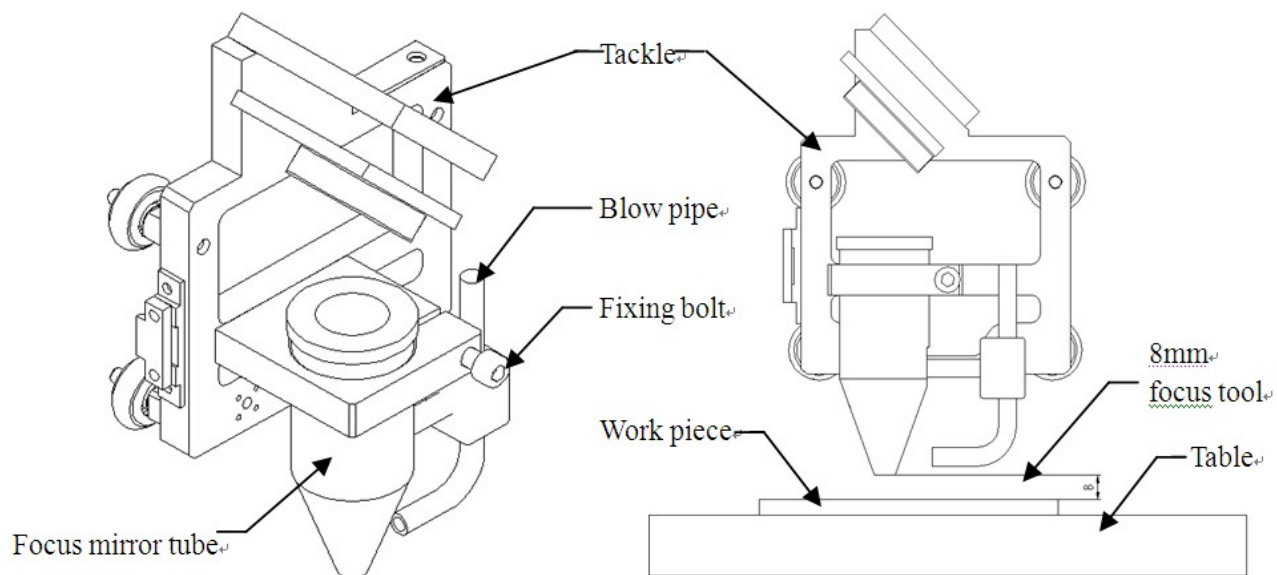
Laser System



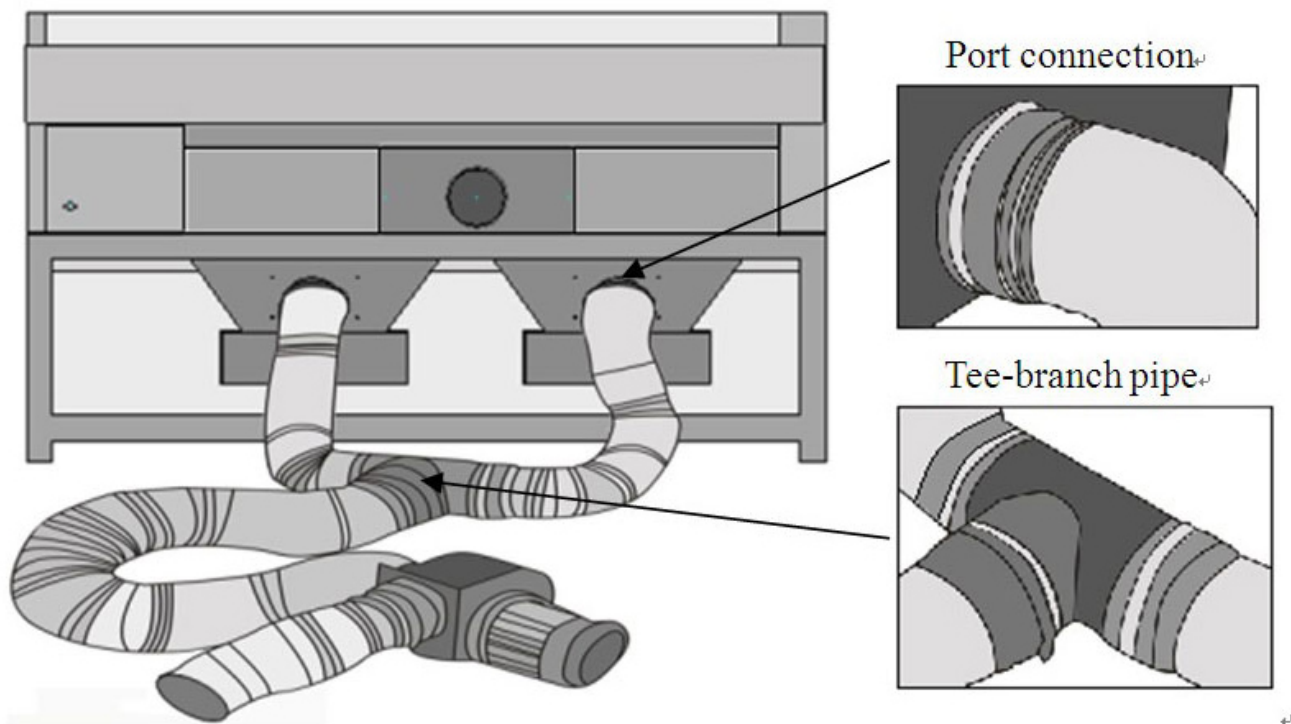
Laser head configuration



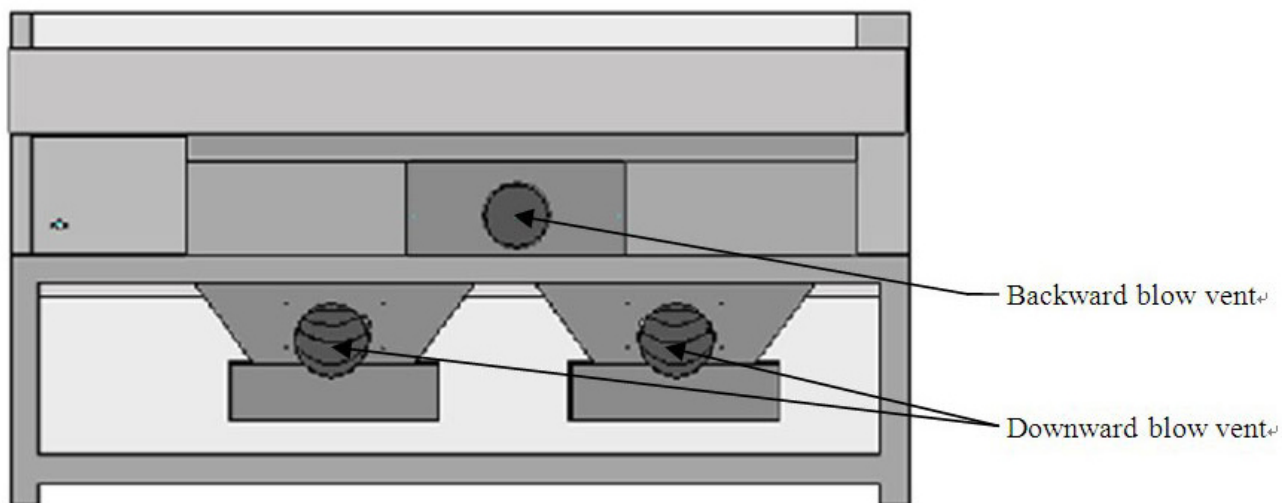
Adjusting Focus



Downward Air Exhausts System



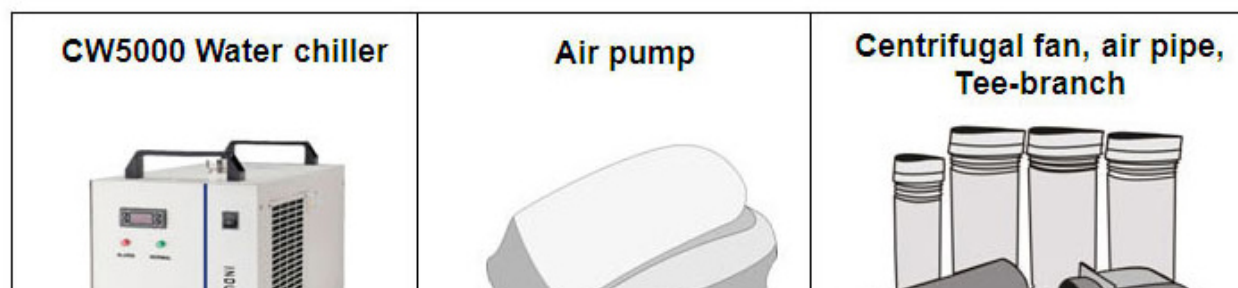
Backward Air Exhausts System



Packing List

Besides mainframe of laser engraving machine, your accessories include following (The following may not agree with practical object, please refer to the sales orders)

\$1,120 worth of Accessories Gift Set includes laser tube (1 pc), focus lens (1 pc), reflective mirror (1 pc).



Consumable and Optional Device

Optional Device

With the following optional device, more functions will be added to the laser engraver machine (Prices are not included in the selling machine)

| Items | Extra Fee |
|--------------------------------|---------------------------------------|
| Imported Panasonic Servo Motor | Add an extra USD \$1,800 to the price |

Consumable Spare Parts

| Items | Extra Fee |
|--|-------------------------------------|
| Glass laser tube 120W (Length: 63" / 1.6m) | Add an extra USD \$980to the price |
| Laser power source 120W | Add an extra USD \$450 to the price |
| Focus lens (Focus length: 2.5" / 63.5mm) | Add an extra USD \$105 to the price |
| Reflective mirror (Diameter: 1.2" / 30mm) | Add an extra USD \$35 to the price |

After Sales Service

Laser tube 1000-2000 hours' lifespan

Comprehensive warranty for one year except for spare parts.

24-hour technical support via email or telephone.

User-friendly English manual for machine use and maintenance.

Please refer to file of ChinaSigns Training, Warranty, and Service Policies to know more.

Samples



Details

| | |
|------------------------|-----------------------|
| Interface | USB, LPT |
| Max. Cutting Thickness | 1.2" (30mm) (Acrylic) |

| | |
|------------------------|--|
| Resolution | ?4000dpi (4000dpi is the best) |
| Positioning Precision | 0.001" (0.025mm) |
| Support Image Format | BMP, PLT, compatible with many file formats for |
| Laser Power | CO2 glass tube 120W (Normal lifespan: About 1000 |
| Effective Cutting Area | 51" x 49" (1300mm x 1250mm) |
| Max. Cutting Speed | 16" IPS (40cm/s) (Adjustable) |

Specifications

| Model | LCM-B1312 (120W) plus |
|---------------------------|---|
| Maximum Cutting Area | 51" x 49" (1300mm x 1250mm) |
| Table Size | 53" x 51" (1350mm x 1290mm) |
| Laser Power | CO2 glass tube 120W (Normal lifespan: About 1000 working hours) |
| Maximum Engraving Speed | 31" IPS (80cm/s) (Adjustable) |
| Maximum Cutting Speed | 16" IPS (40cm/s) (Adjustable) |
| Maximum Cutting Thickness | 1.2" (30mm) (Acrylic) |
| Resolution | ?4000dpi (4000dpi is the best) |
| Positioning Precision | 0.001" (0.025mm) |
| 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, AutoCAD, etc. |
| Cutting Software | CSACE and print driver |
| Interface | USB, LPT |
| Voltage | AC 110V / 220V, 50Hz / 60Hz |
| Machine Dimensions | 75" x 73" x 44" (1900mm x 1850mm x 1110mm) |
| Machine Weight | 616Lb (280kg) |
| Packaging | Fumigation free package |
| Packing Size | 81" x 79" x 57" (2050mm x 2000mm x 1460mm) |

| | |
|--------------|---------------|
| Gross Weight | 968Lb (440kg) |
|--------------|---------------|

Tags

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