



## 31" x 20" (800mm x 500mm) Laser Engraving Machine (60 Watt) - with Accessories Sets

Item Code: LEM-R80



FOB Price: **\$7,637/set**

Mini Order: 1 set

Shipping Weight: ★★★★★

Average Rating: 900.9lb (409.5kg)

[Inquire Now](#)

### Overview

#### Applications

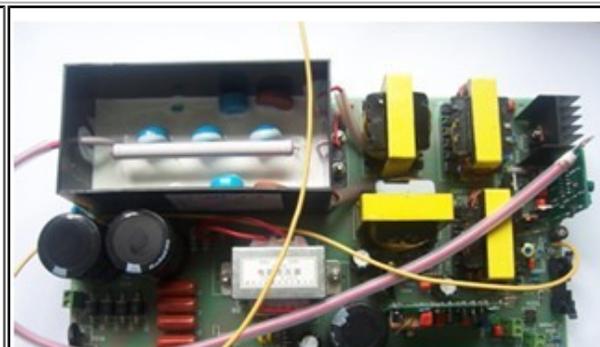
This laser engraving machine is an ideal solution for trophy and award businesses! It is suitable for music instrument, art gift, advertising decoration, toy, electronic industry, cutting of template, paper product and other industries.

They can engrave on nonmetal materials, such as bamboo, putamina of coconut, paper, plexiglass, acrylic, marble, jade and crystal.

With the rotating unit, it can engrave on cylinder objects, such as cup, pencil vase and so on.

#### Main Features

- Automatic lift table, enough height in Z direction, can work on objects up to 10" (250mm).
- This laser engraver machine adopts the leading "Smart Engraving" technology, so it can engrave Chinese characters of 2mm (0.08") or English letters of 1mm (0.04").
- Up to 31IPS (80cm/s) high working speed with glass tube. Working speed of RF tube machine can reach up to 59 IPS (150cm/s). These speeds are the highest in China.
- USB data interface, you can save multiple files at the same time.
- Rotating unit is optional, so columnar object can be processed.
- Along with the laser engraving machine, there are two sets of software, CSACE and Print Driver. CSACE can input BMP, PLT file format design, then edit and output them; Print Driver can directly output many file formats in Windows, like Photoshop, CorelDraw and AutoCAD etc.
- Power Source is the core technology, our machine 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.



CO2 glass laser tube

Power Source

#### Hardware requirements for computer

**CPU:** An Intel Pentium 500 or above.

**Memory:** 256MB or above.

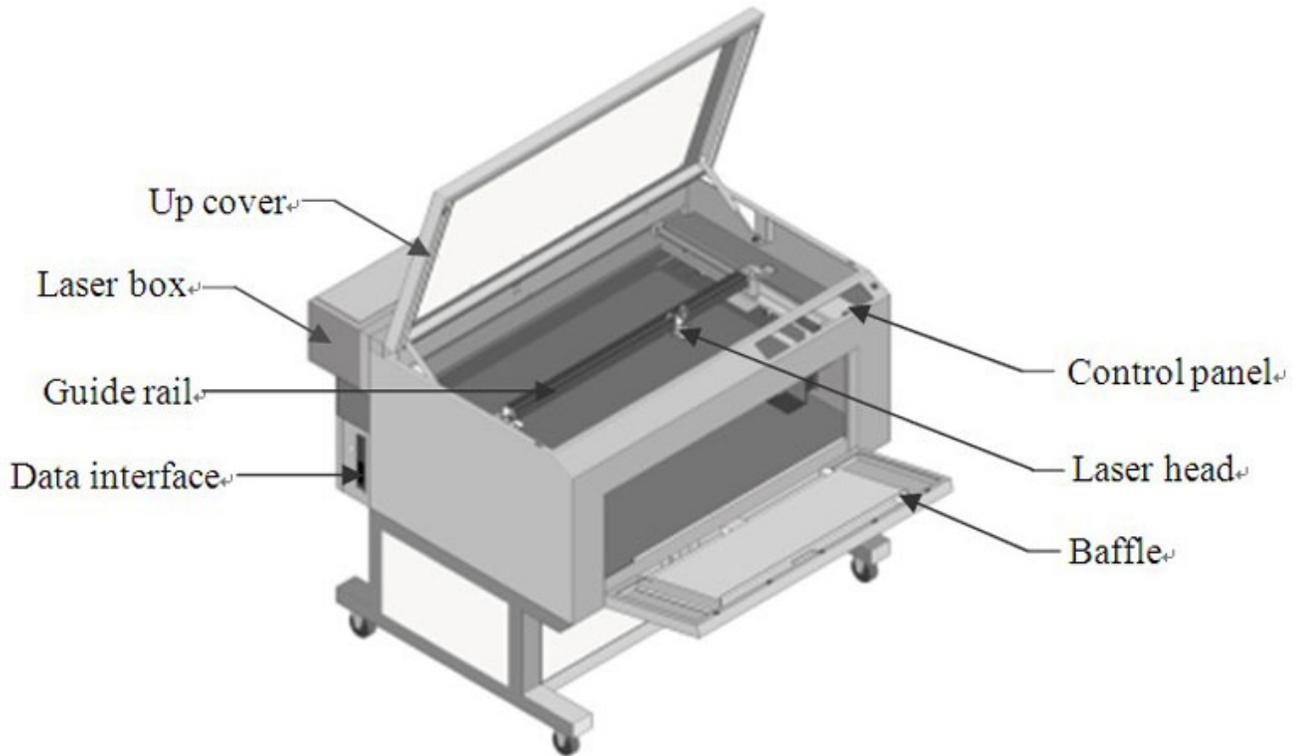
**Hard disk:** 1GB or above.

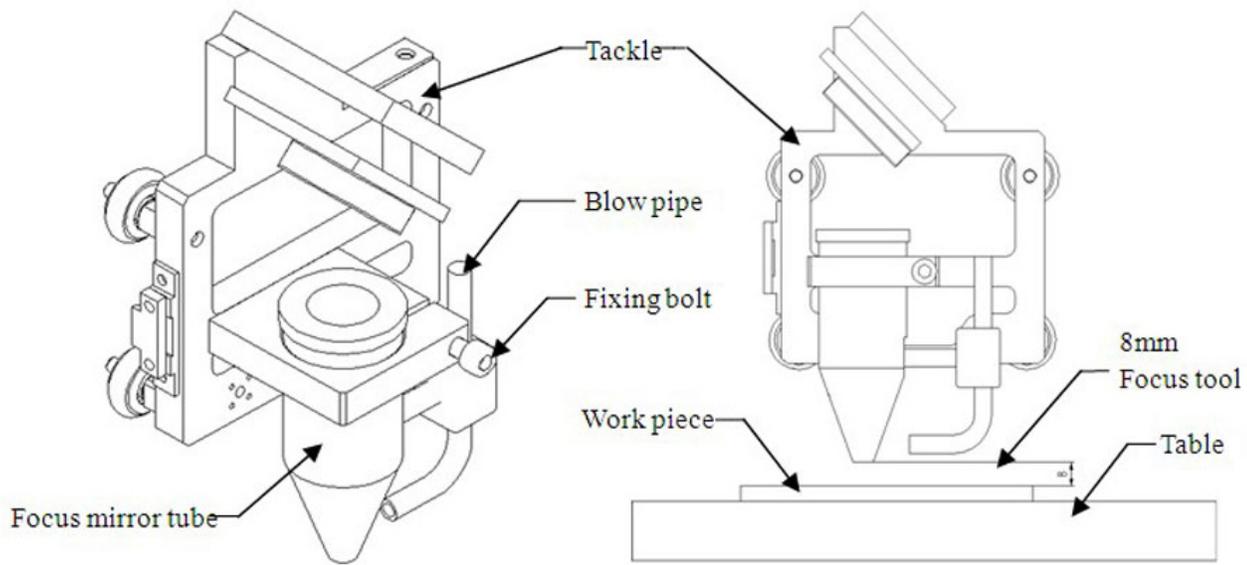
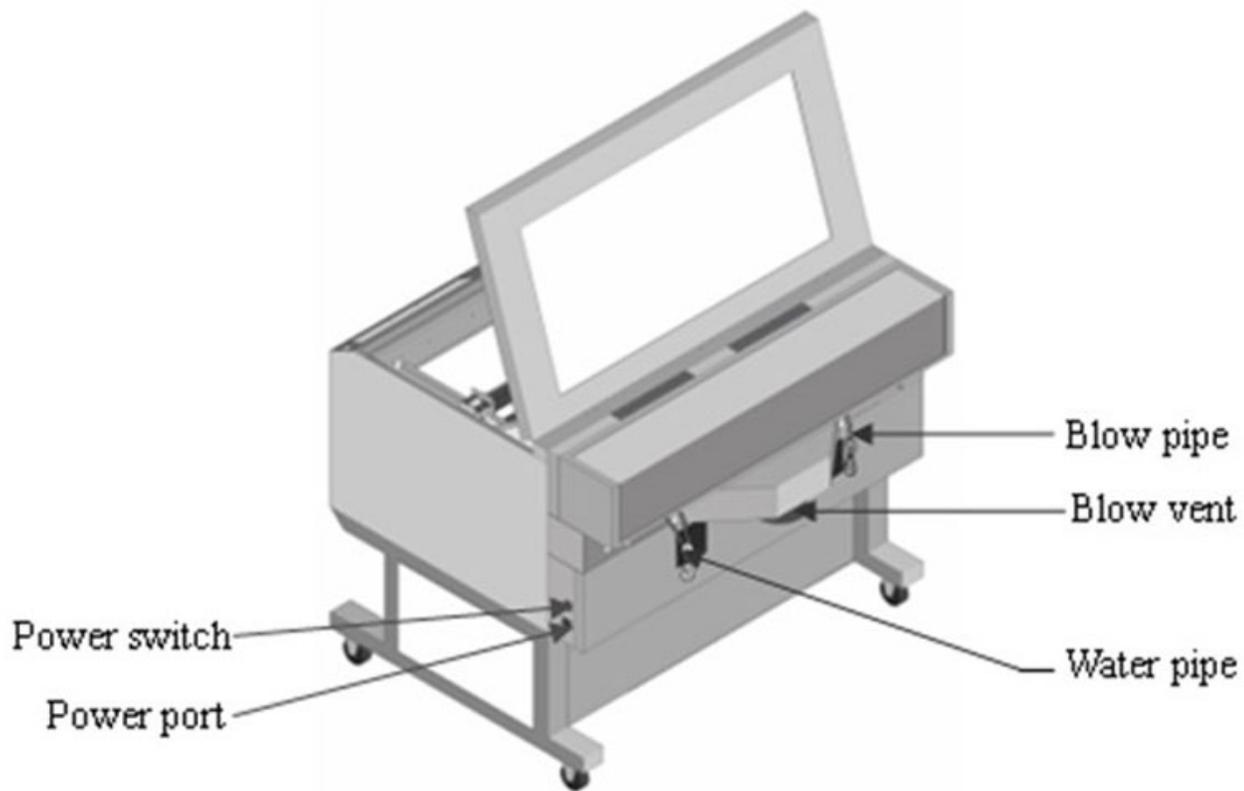
**A color monitor:** 600 x 800 resolution, 16 colors or above.

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

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

#### Appearance of the machine

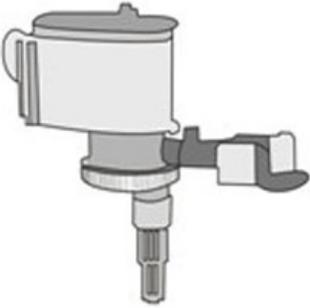




**Packing List**

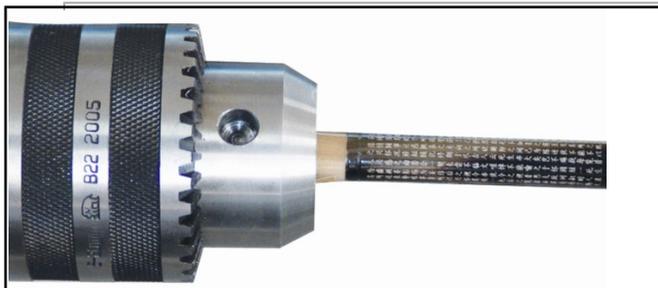
Besides mainframe of laser engraving machine, your accessories include following (The following may not agree with practical object, please refer to the sales orders)

\$460 worth of Accessories Gift Set includes laser tube (1 pc), focus lens (1 pc), reflective mirror (1 pc).

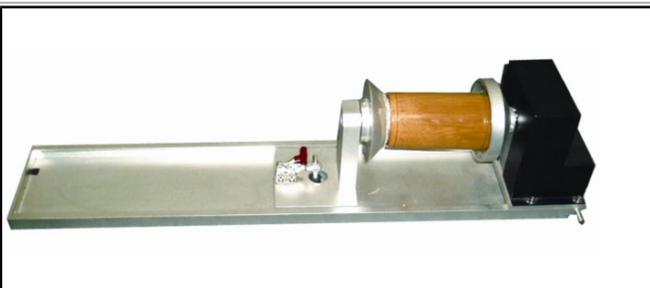
<p>Water pump</p> 	<p>Air pump</p> 	<p>Centrifugal fan, air pipe, Tee-branch</p> 
<p>Power cable</p> 	<p>Data line</p> 	<p>Electrical outlet</p> 
<p>Engraving software</p> 	<p>USB dog</p> 	<p>Focus tool</p> 

**Consumable and 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)



**Pen Cylinder Fixture:** Used for ? 5~20mm (0.2"-0.8") column. **+\$380**



**Big Cylinder Fixture:** Used for ? 8~150mm (0.3"-6") column. **+\$390**



**Three Claw Cylinder Fixture:** Used for ?160~260mm (6"-10") column, automatic alignment center. **+\$926**

**CW3000 Water Chiller:** It can extend the using life of laser tube and ensure the engraving effect is better. **+\$221**

### Consumable Spare Parts

Items	Extra Fee
Glass laser tube 60W (Length: 49" /1.25m)	Add an extra USD \$330 to the price
Laser power source 60W	Add an extra USD \$230 to the price
Focus lens (Focus length: 2" /50.8mm)	Add an extra USD \$105 to the price
Reflective mirror (Diameter: 0.8" /20mm)	Add an extra USD \$25 to the price

### Aftersales 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

			
Aircraft_Engraving	Bamboo and Wood Engraving	Inkbrush Engraving sample	Sign board making

## Details

Engraving Precision	Chinese characters 2mm (0.08"), English letters 1mm
Support Image Format	BMP, PLT, compatible with many file formats in
Max. Engraving Speed	31" (800mm) / s
Effective Engraving Area	31" x 20" x 10" (800mm x 500mm x 250mm)
Laser Power	CO2 glass tube 60W

## Specifications

Product Model	LEM-R80
Maximum Engraving Area	31" x 20" x 10" (800mm x 500mm x 250mm)

Laser Power	CO2 glass tube 60W
Maximum Engraving Speed	31" (800mm) / s
Resolution	?1000dpi (1000dpi is the best)
Minimum Engraving Characters Size	Chinese characters 2mm (0.08"), English letters 1mm (0.04")
Positioning Precision	0.001" (0.025mm)
Whole Power	500W
Cooling Way	Water cooling and protection system
Support Image Format	BMP, PLT, compatible with many file formats in Windows system, like CorelDraw, Photoshop and AutoCAD etc.
Engraving Software	CSACE and print driver
Power Support	AC 110V / 220V, 50Hz / 60Hz
Interface	USB, LPT
Machine Dimensions	49" x 44" x 42" (1250mm x 1120mm x 1060mm)
Machine Weight	330 Lb (150kg)
Packaging	Fumigation free wooden case package
Packing Size	59" x 41" x 51" (1500mm x 1050mm x 1300mm)
Packing Weight	595 Lb (270kg)

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## Tags

[31" x 20" Laser Engraving Machine](#) [Laser Engraving Machine](#)

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## QA

Q

Can you supply the spare parts of laser engraving machine?

A

Yes, we can supply, such as reflective mirror, glass laser tube and so on.

Reply by [sign-in-china](#)



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