



## 49" x 35" (1250mm x 900mm) Laser Engraving & Cutting Machine

Item Code: LEM-Z-DQ-12590E



FOB Price: **\$6,139/set**

Price: **\$5,599/set**

You Save: **\$540.00(9%)**

Mini Order: 1 set

Shipping Weight: ★★★★★

Average Rating: 1758.2lb (799.2kg)

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### Overview

Electric up-down lift worktable & Support CorelDraw output directly.  
High speed, high engraving precision and multi-function.

**Main Function:** Scan/engrave/cut

**Application:**

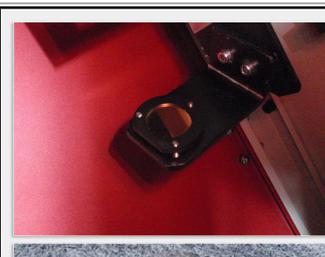
Widely used in wide format engraving and cutting on acrylic, wood board, model board and other nonmetal materials of advertising and decoration, aeromodelling, lamp fittings, craftwork industry, etc. This laser engraving and cutting machine is especially designed to meet the requirements of crafts, advertisement and decoration industries.

**Materials that can be engraved:**

The laser engraving and cutting machine can engrave on most nonmetal materials, such as wood block, bamboo block, cardboard, marble, rubber, goods, organic glass, glass and crystal, leather clothing etc.

**Product Highlights:**

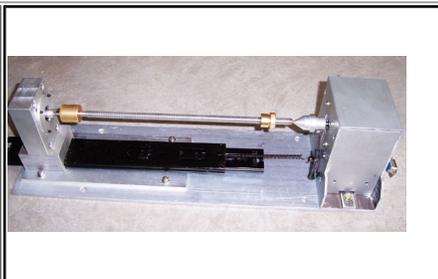
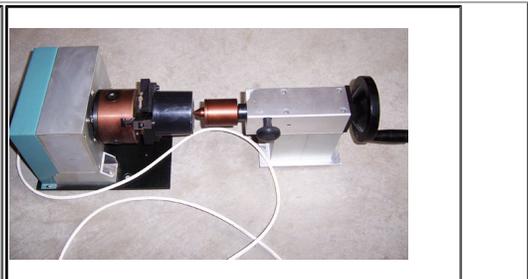
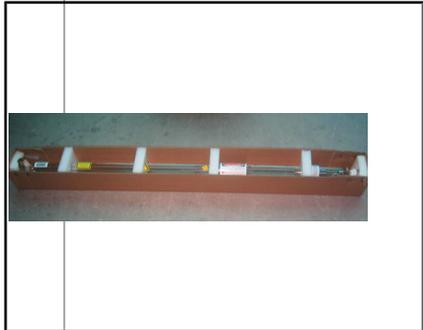
- . This laser engraving and cutting machine integrates optics, machinery and electricity, and adopts special laser software, which can design image freely by computer.
- . Adopting special structure and controlling system, kerf is small, cutting edge is smooth, which effectively meet high precision cutting requirement.
- . The laser engraver supports CorelDraw and other graphics manipulation programs. The original photos can be output directly, which can avoid the photos being out of shape and the data being incorrect.
- . Import optical mirrors, high-temperature durable, anti-abrasive, small diameter of focalizing facula; ensure higher cutting ability compared with the machine of the same laser power.
- . Touching LED control panel, LCD display, completely off-line work, effectively save computer source.



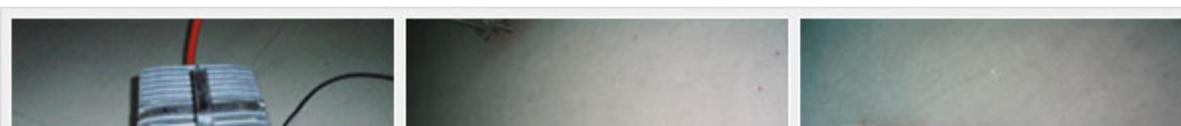
<p>The laser engraving and cutting machine is equipped with industry water chiller, it ensures the engraving effect better and makes maintenance easier.</p>	<p>Equipped with electric up-down lift working table, its max. lifting height can be up to 350mm(13.78"), which greatly broaden the scope of processing objects.</p>	<p>Import optical mirrors, high-temperature endurable, anti-abrasive, small diameter of focalize facula; Ensure higher cutting ability compared with the machine of the same laser power.</p>
		
<p>USB data interface, you can save multiple files at the same time.</p>	<p>Standard machine is equipped with 80W CO2 glass laser tube made in China with fine engraving and cutting effect and advantage of price.</p>	

- .The laser engraving machine uses a beam of light as the engraving tool, so no part of the machinery actually touches the material being engraved. You don't need a special system to hold down your engraving material.
- . The engraved words and graphs do not fade and can exist permanently and can avoid being forged effectively.

**With the following optional devices, more functions are added to the laser engraver machine (prices are not included in the selling laser engraver):**

		
<p>Cylinder Rotary Fixture: Used for engraving on the surface of column of ?0-150mm (0"-5.9"), commonly used rotation clamp. +\$286</p>	<p>Penholder Rotary Fixture: Used for engraving on the surface of pen column. +\$196</p>	<p>Three-jaw Rotary Fixture: Used for engraving on the surface of column of ?0-180mm (0"-7.1") column, with higher precision. +\$721</p>
		
<p>100W CO2 Glass Laser Tube +\$910</p>	<p>Red light Positioning System: Precise positioning. +\$198</p>	

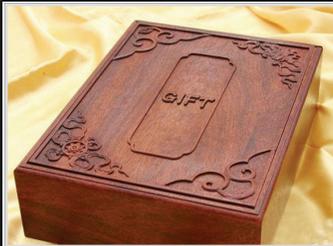
**Packing List:**



Samples:



			
Acrylic laser cutting	Engraving on cylinder wooden gift	Engraving on Wooden gift boxes	Marble laser engraving

			
Wood laser engraving and cutting			Sign board making

Details

Max. Engraving Speed	39" (1000mm)/s
Engraving Precision	Chinese characters: 0.04" (1mm) , English letters:
Effective Engraving Area	49.2" x 35.4" (1250 x 900mm)
Laser Power	CO2 glass tube 80W( normal working life about 1000
Support Image Format	BMP, PLT, AI, DXF

Specifications

Model	LEM-Z-DQ-12590E
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Max. Engraving Area	49" x 35" (1250 x 900mm)
Laser Power	CO2 glass tube 80W( normal working life about 1000 hours)
Max. Engraving Speed	39" (1000mm)/s
Max. Cutting Speed	12" (300mm)/s
Max. Cutting Thickness	0.39" (20mm) (Acrylic)
Resolution	?1000dpi (1000dpi is the best)
Min. Engraving Characters Size	English characters 0.02" (0.5mm)
Positioning Precision	Chinese characters: 0.04" (1mm), English letters: 0.02" (0.5mm)
Gradient Carving	Yes
Lift Worktable	Electric adjust
Cooling Way	Water cooling and protection system
Support Image Format	BMP, PLT, AI, DXF
Engraving Software	Specialized engraving and cutting software
Power Support	AC 220V/50Hz
Interface	LPT, USB
Standard Equipment	Electric up-down lift working table, exhaust fan, exhaust pipe, water pump, air pump, water chiller
Spare Parts	Reflective mirror, lens, and laser tube
Optional Device	Red light positioning system, penholder rotary fixture, cylinder rotary fixture, three-jaw rotary fixture, CO2 glass laser tube 100W
Machine Dimension	74.8" x 56.7" x 45.7" (1900 x 1440 x 1160mm)
Machine Weight	661.4Lb (300kg)
Package	Fumigation free package
Packing Size	78.7" x 58.3" x 53.1" (2000 x 1480 x 1350mm)
Gross Weight	992.1Lb (450kg)

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## Tags

[49" x 35" Laser Engraving Machine](#) [Laser Engraving Machine](#)

## QA

<i>Q</i>	It is possible send to Russia?
<i>A</i>	Yes.  Reply by <a href="#">sign-in-china</a>
<i>Q</i>	What is the warranty?
<i>A</i>	Comprehensive guarantee for one year except the wearable parts.  Reply by <a href="#">sign-in-china</a>
<i>Q</i>	The total cost of all additional(Optional Device) equipment in the kit?
<i>A</i>	Please read the website for detailed information.  Reply by <a href="#">sign-in-china</a>
<i>Q</i>	What is the maximum height of the workpiece it supports?
<i>A</i>	Its max. lifting height can be up to 350mm(13.78").  Reply by <a href="#">sign-in-china</a>
<i>Q</i>	It has a consumption of CO2?
<i>A</i>	Yes.  Reply by <a href="#">sign-in-china</a>
<i>Q</i>	Is the laser not garanty as spare parts ??
<i>A</i>	Laser tube is consumble part, so there is no guarantee for it.  Reply by <a href="#">sign-in-china</a>
<i>Q</i>	For this laser did we need to add gaz bottle??
<i>A</i>	No, this is CO2 laser tube, the old laser tube should be replaced of a new one when its life is ended.  Reply by <a href="#">sign-in-china</a>
<i>Q</i>	Is gas of this laser tube refillable?

No, the gas isn't refillable, you need to change a new tube when its life is finished.

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

A

Q How to judge the life of laser tube is over?

A

When the laser is all right, light beam in the tube is pink-purple, otherwise, the light is white.

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

Q Do I have to change the CO2 glass tube 80W after 1000 hours?

A

The Co2 glass tube is the spare parts, the normal using life is 1000 hours, you need to change a new one after 1000 hours to ensure the good engraving and cutting effect.

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



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