



**Sign-in-China.com**  
One Stop Solution For AD signs

## 24" x 16" (600mm x 400mm) Laser Engraving & Cutting Machine

Item Code: LEM-Z-DQ-6040E



FOB Price: **\$4,911/set**

Price: **\$4,700/set**

You Save: **\$211.00(4%)**

Mini Order: 1 set

Shipping Weight: ★★★★★

Average Rating: 916.1lb (416.42kg)

[Inquire Now](#)

### Overview

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

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

#### Application:

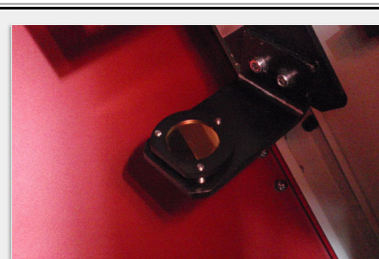
Widely used in wide format engraving and cutting on acrylic, wood board, model board and other nonmetal materials of advertising and decoration, aeromodelling, lamp fittings, craftwork industry, etc. This laser engraving and cutting machine is especially designed to meet the requirements of crafts, advertisement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

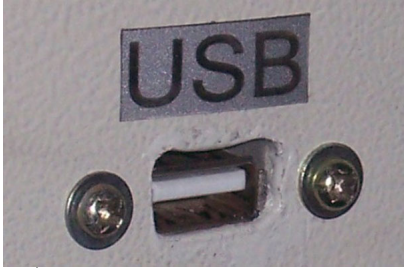

#### Materials that can be engraved:

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:


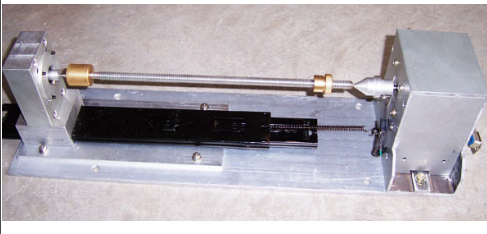
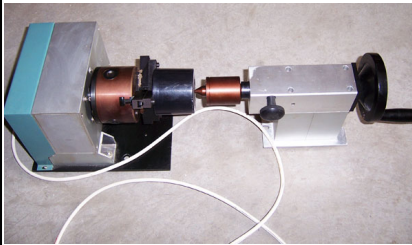


- . This laser engraving and cutting machine integrates optics, machinery and electricity, and adopts special laser software, which can design image freely by computer.
- . Adopting special structure and controlling system, kerf is small, cutting edge is smooth, which effectively meet high precision 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 endurable, 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.



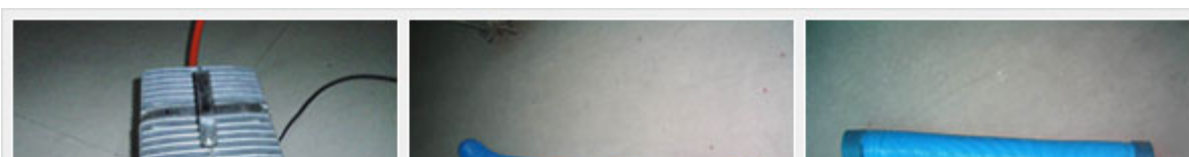
<p>. The laser engraving and cutting machine is equipped with industry water chiller, it ensures the engraving effect better and makes maintenance easier.</p>	<p>. Equipped with electric up-down lift working table, its max. lifting height can be up to 350mm(13.78"), which greatly broaden the scope of processing objects.</p>	<p>. Import optical mirrors, high-temperature durable, 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 50W 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 <b>+\$286</b></p>	<p>Penholder Rotary Fixture: Used for engraving on the surface of pen column. <b>+\$196</b></p>	<p>Three-jaw Rotary Fixture: Used for engraving on the surface of column of ?0-180mm (0"-7.1") column, with higher precision. <b>+\$721</b></p>
		
<p>60/80W CO2 Glass Laser Tube <b>+\$375/\$533</b></p>	<p>Red light Positioning System: Precise positioning. <b>+\$198</b></p>	

**Packing List:**







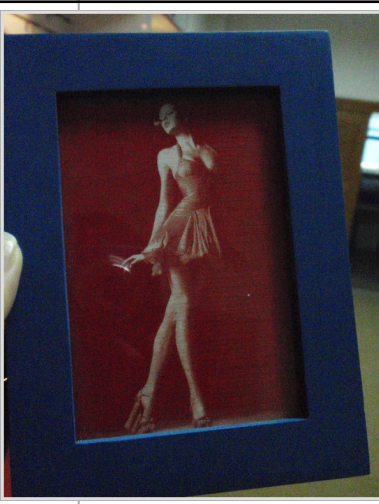




Glass laser tube 50W (length: 1m): +\$308  
Reflective mirror (Dia.: 20mm, Thickness: 3mm): +\$14  
Focus lens (Focus length: 50mm): +\$105

**Guarantee & Aftersales Service:**

Laser tube 1000-2000 hours' working time  
Comprehensive guarantee for one year except the spare parts  
24-hour technical support by email or calling  
User-friendly English manual for machine using and maintaining

**Samples:**

		
Card paper laser cutting	Engraving on double color sheet	Engraving on Coconut shell
		
Engraving on cylinder wooden gift	Engraving on silicone resin	Engraving on Wooden gift boxes
		
Engraving on acrylic	Marble laser engraving	Paper laser cutting



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## Details

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Engraving Precision	Chinese characters: 0.04" (1mm), English letters:
Max. Engraving Speed	2362.2" (60000mm)/min (speed adjustable)
Effective Engraving Area	23.62" x 15.75" (600 x 400mm)
Laser Power	CO2 glass tube 50W
Support Image Format	BMP, PLT, AI, DXF

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## Specifications

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Model	LEM-Z-DQ-6040E
Max. Engraving Area	23.62" x 15.75" (600 x 400mm)
Laser Power	CO2 glass tube 50W(Normal working life about 1000 hours)
Max. Engraving Speed	2362" (60000mm)/min (speed adjustable)
Max. Cutting Speed	708.6" (18000mm)/min (Software control)(speed adjustable)
Max. Cutting Thickness	0.39" (10mm)(Acrylic)
Resolution	?1000dpi (1000dpi is the best)
Min. Engraving Characters Size	Chinese characters 1mm (0.04"), English letters 0.5mm (0.02")
Positioning Precision	0.0009" (0.025mm)
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
Environment Temperature	5-35 degree
Interface	LPT, USB
Standard Equipment	Electric up-down lift working table, water chiller, exhaust fan, exhaust pipe, air pump.
Spare Parts	Reflective mirror, lens, and laser tube.
Optional Device	Red light positioning system, penholder rotation clamp, cylinder rotation clamp, three-jaw rotation clamp, CO2 glass laser tube 60W.

Machine Dimension	47" x 30" x 43" (1200 x 750 x 1100mm)
Machine Weight	264.6Lb (120kg)
Package	Fumigation free package
Packing Size	63" x 38" x 53" (1590 x 970 x 1350mm)
Gross Weight	485.0Lb (220kg)

## Tags

[24" x 16" Laser Engraving Machine](#) [Laser Engraving Machine](#)

## QA

<i>Q</i>	Is the glass laser tube fragile?	
<i>A</i>	Yes, but don't worry about this point, we make good package for such easily broken parts.	Reply by <a href="#">sign-in-china</a>
<i>Q</i>	If I want to cargo by air is it permittable to fly?	
<i>A</i>	Yes.	Reply by <a href="#">sign-in-china</a>
<i>Q</i>	If laser rod become broken in airplane what will happen?	
<i>A</i>	In this case, we will ask compensation from `the` freight company.	Reply by <a href="#">sign-in-china</a>
<i>Q</i>	Does this laser machine attach with the UPS or inverter or any battery so it will automatically start working?	
<i>A</i>	No, it can't.	Reply by <a href="#">sign-in-china</a>
<i>Q</i>	Can the machine work offline?	
<i>A</i>	Yes, the machine has 128M memory.	Reply by <a href="#">sign-in-china</a>
<i>Q</i>	If we use work table moveable up and down we can do more bigger cylinder item aren't we ?	

A	<p>No, the max. working size is fixed for engraving on cylinder object.</p> <p>Reply by <a href="#">sign-in-china</a></p>
Q	<p>Can it attach with red mark pointer so it will be precise in cutting?</p>
A	<p>Yes.</p> <p>Reply by <a href="#">sign-in-china</a></p>



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