



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

Item Code: LEM-Z-DQ-12590E



FOB Price: **\$5,842/set**

Mini Order: 1 set

Shipping Weight: ★★★★★

Average Rating: 1760.0lb (800kg)

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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.



The laser engraving and cutting machine is equipped with industry water chiller, it ensures the engraving effect better and makes maintenance easier.	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.	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.
		
USB data interface, you can save multiple files at the same time.	Standard machine is equipped with 80W CO2 glass laser tube made in China with fine engraving and cutting effect and advantage of price.	

- .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):

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

Spare Parts:

- Glass laser tube 80W (length: 1.6m) +\$525
- Reflective mirror (Dia.: 25mm, Thickness: 3mm) +\$14
- Focus lens (Dia.: 19.05mm, focus length: 63.5mm)+\$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:



Details

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

Specifications

Model	LEM-Z-DQ-12590E
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)

Tags

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