

**MATRIX**  **LASER**

# CO2 LASER HALF SHEET CUTTING AND ENGRAVING

Unleash Precision and Power



MXL-A1390i

*Authorized Dealer*

**DIGITAL STAR QATAR**  
ديجيتال ستار قطر

## Source of Digital Solutions...

Digital Star Qatar has been leading the digital scene in Doha for over 10 years, as suppliers and distributors of signage, advertising and LED solutions. Our commitment to providing the best quality machinery and top-notch technology from around the world has enabled us to set new and improved standards in sign and digital printing industries. DSQ has developed into a true trendsetter and a reliable destination for customers seeking exhaustive custom and wholesale solutions. From sign makers, digital print houses, POS/POP makers, retail fit-out companies, to exhibition stand builders, construction companies and glass and aluminum fabricators industries, we promise to take your business to unprecedented levels



# PRODUCT OVERVIEW

## THE PINNACLE OF QUALITY, THE KING OF FUNCTIONS

MXL-A1390i laser engraving machine is a fireproof model developed for production safety. The Pinnacle of Quality, The King of Functions. 80W / 100W / 130W / 150-180W non-metal environmentally engraving & cutting solution.

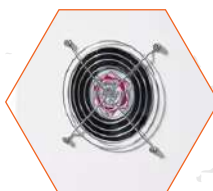
- MXL-A1390i laser engraving machine is a fireproof model developed for production safety.
- The MXL-A1390i laser engraving and cutting machines from AQ Laser combine our top-of-the-line technology to help every user working in safety with high speed.
- Transmission structure: high-precision sliding block transmission, 40mm belt, more uniform traction, higher precision, fully enclosed beam, no noise, dust-proof, and low vibration.
- Use a large acrylic cover, easy to observe working conditions, and more beautiful.
- Add open-cover protection function to avoid laser burns, so that the machine run more safely.
- After years of verification, this model is stable and efficient, with low failure rate.
- Follow moving high pressure blowing, 600W air compressor, airforce controller, oil water separator, air gun, running indicator. Fire protection system.

## PRODUCT DESCRIPTION

- MXL-A1390i laser engraving machine is a fireproof model developed for production safety. Professional design concept, scientific and reasonable structure, beautiful appearance. The split design reduces the transportation volume and saves transportation costs for customers.
- BIG EYE large transparent observation window, 3 in 1 enclosed, WiFi wireless control. The design concept of the front and back penetration of the machine body can facilitate the front & rear feeding and is suitable for processing infinitely long workpieces.
- The profiles cast by high-precision molds from a high-strength, high-stability mechanical structure, with smooth CNC movement, fast speed & high precision. There is no need to adjust for long-term operation, and the engraving accuracy remains unchanged.
- The optical accessories adopt the highest quality imported mirrors and focusing mirrors. The reflectance and light transmittance are the highest among similar accessories, the light spot is finer, and the cutting force is stronger.



Air Pressure Controller



Electrical Cabinet Fan



Auxilliary Equipment



Machine Running Indicator



RD Control Panel



High-Precision Slider Group



Oil Water Separator

## APPLICATION

MATERIALS	ENGRAVE	CUT
Wood	✓	✓
Acrylic	✓	✓
Fabric	✓	✓
Glass	✗	✗
Coated Metals	✗	✗
Ceramic	✗	✗
Cloth	✓	✓
Leather	✓	✓
Marble	✗	✗
Matte Board	✓	✓
Paper	✓	✓
Mylar	✓	✓
Pressboard	✓	✓
Rubber	✓	✓
Wood Veneer	✓	✓
Fiberglass	✗	✗
Painted Metals	✗	✗
Tile	✗	✗
Plastic	✓	✓
Cork	✓	✓

The acrylic CO2 Laser Cutting Machines wood furniture laser engraving machine. For Nonmetal engraver is affordable in different working area. It can meet different needs of users which is used to cut and engrave metal and non metal materials like mdf/acrylic/cloth/paper/aluminum etc. and various processing honeycomb table or auto-feeder table or up down lifting table or knife table is made according to your materials. With the protective cover of the CO2 laser cutting machine, the processing production is more environmental friendly.

# PRODUCT SAMPLES



WOOD



ACRYLIC



FABRIC



LEATHER



CARDBOARD



MATTE BOARD

## PRODUCT SPECIFICATION

Model	MXL-A1390i
Laser type	Sealed CO2 laser tube
Machine size	1840*1470*1080mm
N.Weight	400KGS
Laser power	100W/130W/150 - 180W
Transmission mode	Step motor + belt
Engraving speed	1-60,000mm/min
Position accuracy	≤ ±0.05mm
Min character	Chinese character 2mm, English 1mm
XY Working area	1300mm*900mm
Cooling mode	Water cooling and protection system
Operating voltage	AC110-220V±10%, 50-60HZ
Working table	Knife blade or honeycomb
Working environment	Temperature:0—45°C Humidity:5%—95% (No condensate water)

\*Specifications are subject to change without prior notice, all rights reserved.



## SYSTEM REQUIREMENTS (PC's)

Refer to the appropriate section below for the minimum and recommended computer system requirements necessary to use this machine.

Operating System*	Windows 10 (64 Bit) or Later
Processor	i7 - 2.6 GHz or faster
Memory (RAM)	Min. 8GB
Video Card and Monitor	1280x1024 or Higher Resolution
Working Hard Disk Space	1 TB SSD or more recommended
Graphics Card	2GB or more (Optional)
Optical drive	DVD-ROM
Other requirements	Ethernet connection for network capable printers
	Available USB ports
Recommended Brand	Lenovo / Dell

\* Note: You can use a laptop or desktop computer

\* Use the original operating system and software. If you are using pirated operating system or software, we are not responsible for any damage to Machine workings, and also the warranty terms will become void.

## POWER REQUIREMENTS

Voltage Regulator	5000W Stabilizer
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## OTHER REQUIREMENTS

Coolant	10L Distilled Water (For Chiller)
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## Terms and Conditions

1. Payment to be made in QR currency.
2. Payment Terms: As mentioned in Quotation.
3. Bank Details:

Bank Name	Branch	Beneficiary Name	Acc #	Swift Code
Qatar Islamic Bank	Al Khour Branch	Digital Star Qatar	0111453200015	QISB - QAQA
IBAN: QA16QISB000000000111453200015				

4. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
5. Any charges, duties, taxes or levies at the ports of entry will be to our account.
6. The charges of loading, boarding and local conveyance of the technician will be to our account.
7. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.
8. Digital Star Qatar will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents and any related reasons, which is beyond our control.
9. The warranty will be 12 months from the date of installation from Digital Star Qatar. Wear and tear, consumables are exempted and warranty can be claimed only if you use Services from Digital Star Qatar.
10. Service will be free of cost within 12 months from the date of installation.
11. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.
12. Delivery: As mentioned in quotation

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