

MATRIX LASER

Large Format  
**FIBER LASER MARKING**

Unleash Precision and Power



MXL-A1325R DM

*Authorized Dealer*

شركة النجم الرقمي للألات و المعدات  
DIGITAL STAR MACHINERY AND EQUIPMENTS

## Source of Digital Solutions...

Welcome to Digital Star, your trusted partner in the world of cutting-edge printing solutions. As a leading printing machines, materials, and ink authorized dealer in Riyadh - The Kingdom of Saudi Arabia, we pride ourselves on delivering state-of-the-art technology that empowers to achieve unparalleled levels of efficiency and quality.

At Digital Star, we understand the pivotal role that printing machinery plays in the success of your operations. With a commitment to innovation and excellence, we curate a diverse range of top-tier printing machines to meet the unique needs of our clients. Our product line-up reflects the latest advancements in the industry.

As a responsible printing machines supplier, we prioritize sustainability. Our commitment to eco-friendly practices is reflected in the products we offer, promoting energy efficiency and environmentally conscious manufacturing processes. When you choose Digital Star, you're not just investing in cutting-edge technology - you're partnering with a company that values the planet as much as your success.



**MXL-A1325R DM**

# PRODUCT OVERVIEW

## Processing industry and materials

- Mainly used in stainless steel pattern processing and smart mirror industry.

## Advantages

- High strength integrated machine body.
- High strength heavy steel welded structure, after aging and high temperature annealing treatment. High temperature sand blasting, release internal stress, frame strength, paint adhesion stronger. Frame precision welding, adding heavy frame, to ensure the high strength and reliability of the bed.



### Transmission Structure

X-axis rack and double guide rails, Y-axis double-sided rack and bilateral drive servo motor combined with precision reducer, greatly reduce the probability of rack wear and deformation, noise-free operation at 500mm/s idling speed



### Vacuum Adsorption Platform

The stainless steel material is kept in a flat state for processing to ensure that the marking graphics are not deformed



### 100W-200W GZTECH Fiber Laser Source

Ensure the processing strength and speed of the material



### Upper Exhaust System

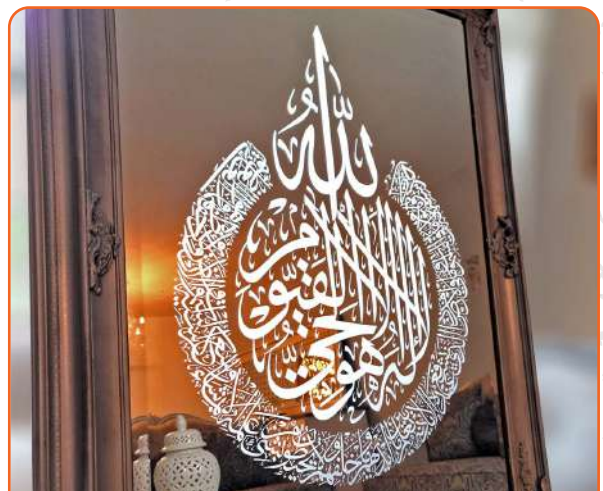
It is equipped with two sets of lower suction system and two sets of auxiliary upper suction system, and the fan air pump automatically starts and stops, saving power and mute.



### High Strength Welded Structure

High strength heavy steel welded structure, after aging and high temperature annealing treatment. High temperature sand blasting, release internal stress, frame strength, paint adhesion stronger. Frame precision welding, adding heavy frame, to ensure the high strength and reliability of the bed.

# PRODUCT SAMPLES



## PRODUCT SPECIFICATION

Model	MXL-A1325R DM
Laser type	Fiber Laser Marking
Machine size	3715*2080*1815mm
N.Weight	800KGS
Laser power	100W/200W Fiber Laser Source
Transmission mode	Servo + Rack
Marking speed	10000mm/s
Position accuracy	≤ ±0.05mm
XY Working area	1300mm*2500mm
Cooling mode	Water cooling and protection system
Operating voltage	AC110-220V±10%, 50-60HZ
Working table	Vacuum Adsorption Platform
Working environment	Temperature:0—45°C Humidity:5%—95% (No condensate water)

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



LARGE FORMAT  
**FIBER LASER  
MARKING**

**MXL-A1325R DM**

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

01. Payment to be made in SAR currency.
02. Payment Terms : As mentioned in Quotation.
03. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
04. Any charges, duties, taxes or levies at the ports of entry will be to our account.
05. The charges of loading, boarding and local conveyance of the technician will be to our account.
06. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.
07. Digital Star Machinery and Equipments will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents & any related reasons, which is beyond our control.
08. Warranty will be 12 months from the date of installation from Digital Star Machinery and Equipments. Wear and tear, consumables are exempted and warranty can be claimed only if you use the Inks and Services from Digital Star Machinery and Equipments.
09. Service will be free of cost within 12 months from the date of installation.
10. 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.
11. Delivery: As mentioned in quotation

## شركة النجم الرقمي للألات و المعدات DIGITAL STAR MACHINERY AND EQUIPMENTS

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