

MATRIX LASER

CO2 LASER FULL SHEET CUTTING AND ENGRAVING

Unleash Precision and Power



MXL-A1325R CCD

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 – Saudi Arabia (KSA), 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.

About Us



MXL-A1325R CCD

PRODUCT OVERVIEW

HIGH PRECISION, HIGH SPEED AND WIDE APPLICATION RANGE

The A1325R laser engraving and cutting machines from Matrix Laser combine our top-of-the-line technology to help every user working in safety with high speed.

MXL - A1325R laser cutting machine is a type of cutting machine developed for the convenience of customers' cutting requirements for various materials.

- Professional design concept, reasonable structure, beautiful appearance, reinforced bed, the overall structure is welded with 100mm square tube, and undergoes vibration aging and natural aging treatment.
- Loaded with a 300W-500W laser tube, it can process thick plates while realizing high-speed cutting of thin plates.
- It adopts constant laser path design, with unique structure, small light path deviation, high stability and convenient adjustment. Optical fittings use the highest quality imported mirrors and focusing mirrors, with the highest reflectivity and transmittance among similar fittings, smaller light spot and stronger cutting force.
- **OPTIONAL** - CCD camera system, patrol and positioning, powerful.

PRODUCT DESCRIPTION

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Constant Laser Path



RD Control Panel



Digital Ammeter



Leadshine Servo Motor Drive



CCDCamera (Optional)



Servo Motor



Oil-Water Separator

OPTIONAL ITEMS

- Air Compressor
- Fire Protection System
- CCD Camera

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



PRODUCT SPECIFICATION

Model	MXL-A1325R CCD
Laser type	Sealed CO2 laser tube
Machine size	3715*1960*1150mm
N.Weight	800KGS
Laser power	100W/130W/150W/180W/300W/500W
Transmission mode	Servo + Rack
Engraving speed	600mm/s
Position accuracy	≤ ±0.05mm
Positioning Way	CCD edge positioning
XY Working area	1300mm*2500mm
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.



**CO2 LASER
CUTTING AND ENGRAVING**
THE PINNACLE OF QUALITY, THE KING OF FUNCTIONS

MXL-A1325R CCD

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

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