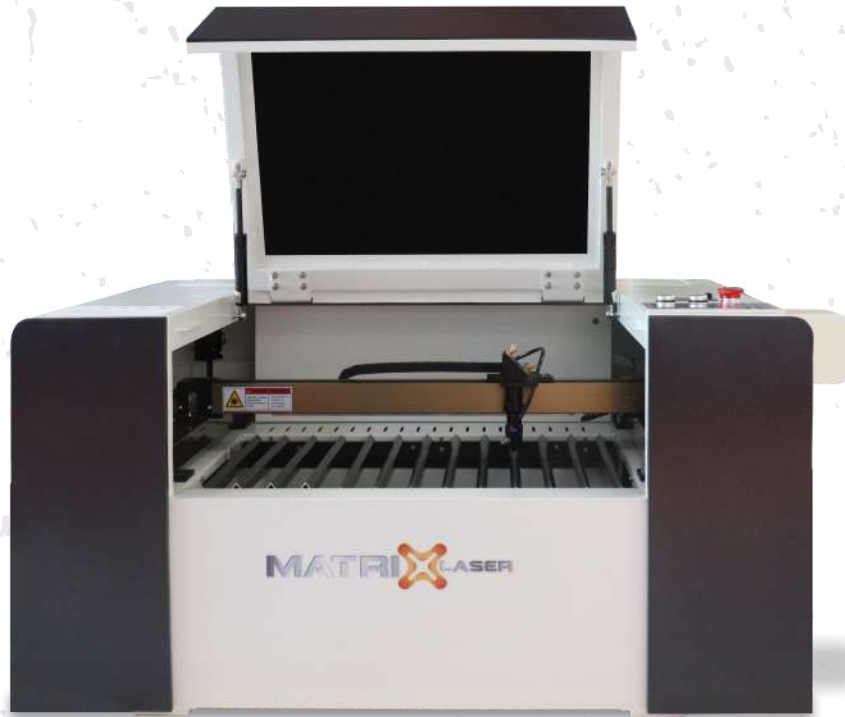


MATRIX LASER

CO2 LASER SMALL CUTTING AND ENGRAVING

Unleash Precision and Power



MXL-A6040C

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.



PRODUCT OVERVIEW

ACRYLIC MDF LEATHER SMALL WOOD LASER ENGRAVING MACHINE

6040 small laser machine is an usual laser cutting machine for home use. The standard configuration includes a lifting platform and auto focus, which can be used for teaching demonstrations. The desktop design determines that it is your best laser engraver for small business. 6040 Laser cutting machine include water chiller, compressor, extraction fan.

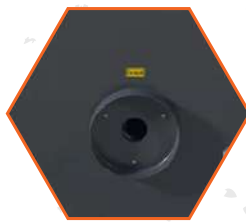
- Transmission structure: high-precision sliding block transmission, 40mm belt, more uniform traction, higher precision, fully enclosed beam, no noise, dust-proof, and low vibration.
- Use a large acrylic cover, easy to observe working conditions, and more beautiful.
- Add open-cover protection function 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

PRODUCT DESCRIPTION

- MXL-A6040C laser engraving machine designed and produced according to European quality standard, and meets the needs of international customers. Professional design concept, European-Style apperance is beautiful and generous, and convenient desktop design.
- BIG EYE large transparent observation window, 3 in 1 enclosed, WiFi wireless control. Add-open-cover protection function to avoid laser burns, so that the machine run more safely.
- 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 accracy remains unchanged.
- The optical accessories adopt the highest quality imported mirrors and focusing mirrors. The reflectance and light transmittance are the highest among similiar accessories, the light spot is finer, and the cutting force is stronger.



Built-in power switch



Fan mouth



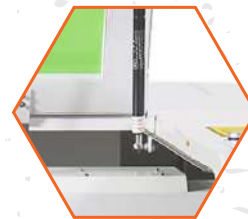
Digital display ammeter



RD control panel



High-Precision Slider Group

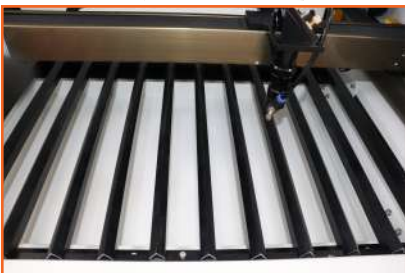


Open Cover Protection

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



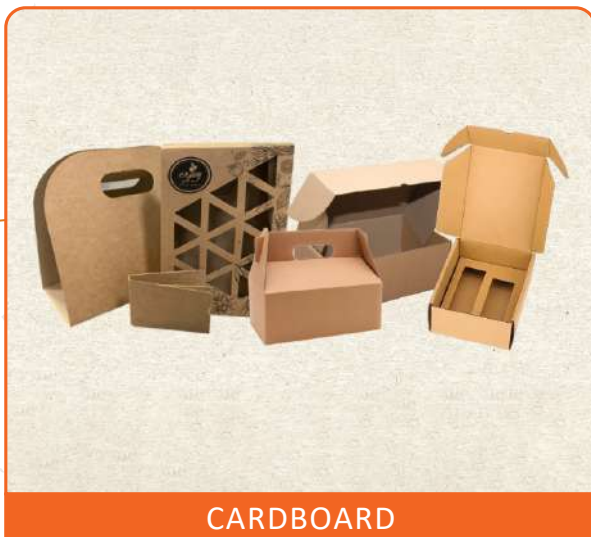
ACRYLIC



FABRIC



LEATHER



CARDBOARD



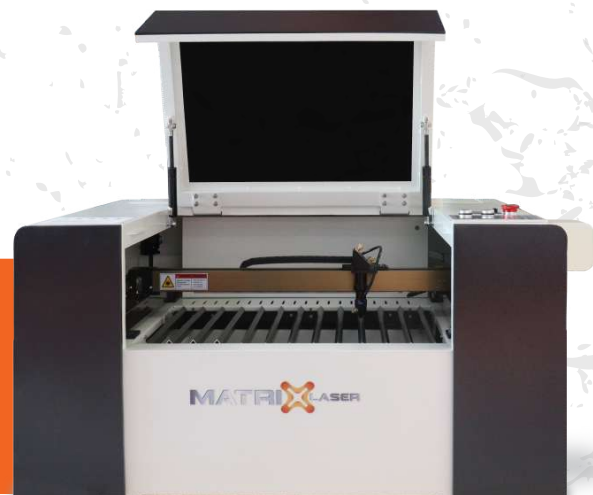
MATTE BOARD

PRODUCT SPECIFICATION

| Model | MXL-A6040C |
|---------------------|--|
| Laser type | Sealed CO2 laser tube |
| Machine size | 1020*840*640mm(40W)/1380*840*640mm(80W) |
| N.Weight | 150KGS |
| Laser power | 40W/80W |
| 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 | 600mm*400mm |
| 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 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



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 |
|-------------------|------------------|

OTHER REQUIREMENTS

| | |
|---------|-----------------------------------|
| Coolant | 10L Distilled Water (For Chiller) |
|---------|-----------------------------------|

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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