

XTOOL

xTool F2 Ultra UV

The Ultimate Laser for Ultra-Precise Engraving



Deep Engraving Done Faster, with More Detail

Color Engraving Becomes More Accurate and Easier

Authorized Distributor:



دیجیتال ستار
DIGITAL STAR



The Smartest Experience Ever Built

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 The State of Qatar, 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.

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GLASS SURFACES, A CANVAS FOR MASTERPIECES

The F2 Ultra UV engraves microscopic details directly on glass with no prep or clean-up. It supports embossing, cutting, and rotary engraving, unlocking limitless possibilities and taking your glass art to a higher level.

No Charred Edges

One Step to Flawless Results



✗ OTHER



✓ UV LASER

2D to 3D, Instantly



The Master of Glass

Engrave, Emboss, Cut-All Covered.



Ultra-Fine Detail

0.001mm Vector Resolution



Smart Camera Positioning

Dual 48MP Vision I
AutoFocus I Live Preview



5W 355nm UV Laser

Almost All Materials
Supported



XTOOL
F2 Ultra UV

200x500mm

Go Bigger, Batch More



15,000 mm/s

Industry-Leading Efficiency

360° Rotary Engraving



SAFE BY DESIGN, MAINTENANCE MADE EASY

Prevents laser leakage
with full visibility



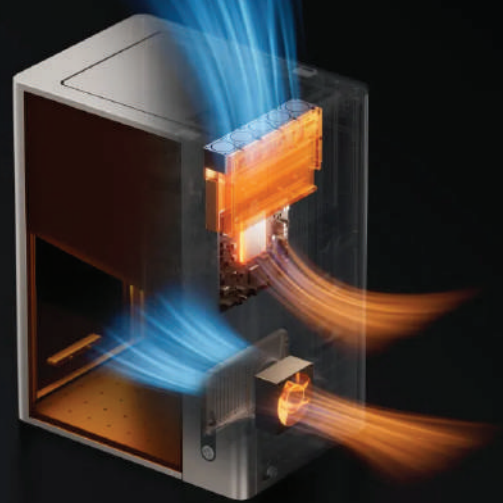
Protective enclosure

Emergency stop button



Smart Humidity Protection

Enhanced laser sealing and drying for improved humidity protection and longer lifespan.

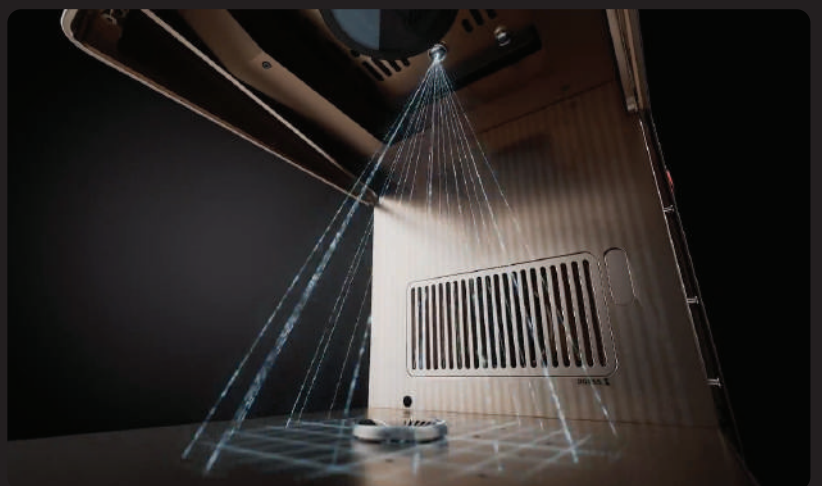


Stay Cool, Stay Quiet

Airflow design optimized with fluid dynamics for efficient cooling and reduced noise.

DUAL 48MP CAMERAS: SEE IT, GET IT

The industry's first dual-camera UV laser system. Two cameras handle automatic positioning and focusing, achieving 0.2 mm accuracy—60% more precise than single-camera systems. Every process is consistently effortless, ensuring every detail is exactly as you



GENERATE 3D MODELS INSTANTLY WITH AI

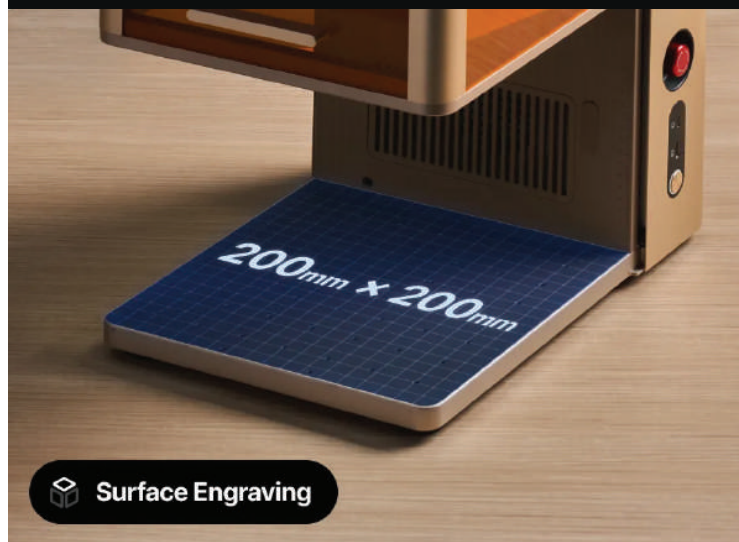
xTool Studio makes 3D inner engraving easy for everyone with advanced AI that turns text and images into 3D—no prior modeling skills required. Autofocus, accurate positioning, intuitive drag-and-drop controls, and smart parameter suggestions work in concert to deliver precise, reliable results.

BIGGER WORKSPACE, GREATER POTENTIAL

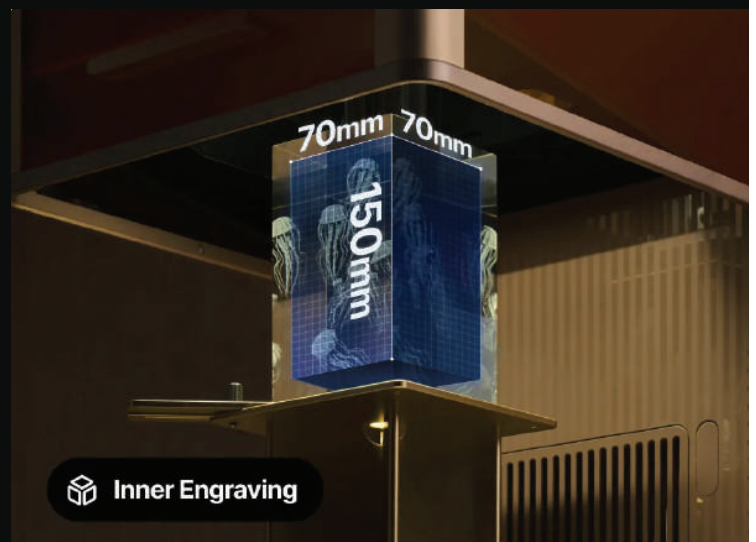
Equipped with two switchable field lenses, the F2 Ultra UV supports both inner and surface engraving with a large workspace, achieving the ideal balance of power, size, and engraving quality. With the conveyor attached, you gain even more flexibility and creative freedom.



Conveyor Extension



Surface Engraving



Inner Engraving

XTOOL SAFETYPRO™ AP2/ AP2 MAX AIR PURIFIER WITH SUPERCYCLONE

Air Flow	150m³/h	Filtration System	6-Layer Filtration
Cyclone Quantity	36	Noise	55db
Power	220W	Dimensions	290x491x542mm

AUTO STREAMLINE™ CONVEYOR

EXPAND YOUR WORKING AREA &
STREAMLINE THE ENGRAVING

Factory-Level Productivity Made Easy to Master



Product Size	1002*290*89mm	Product Weight	8.545kg
Max.Processing Area	500*220mm	Max. Thickness of Material	Less than 81.5mm
Working Temperature	0-35°C		

XTOOL MAGSWAP™ RA3 ROTARY

MAKE ANY ROUND SURFACE YOUR CANVAS

Your canvas now includes cylinders, spheres, and rings. Plus, unlock exclusive techniques, like full-wrap engraving on revolving vases, and accelerated batch production.



Product Size	324 * 187 * 148 mm	Product Weight	2,26 kg
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PROCESSING CAPABILITY	
Laser Type	5W 355 nm UV Laser
Processing Mode	Laser Engraving Laser Cutting
Supported Materials	Laser Engravable: Glass, Crystal, Acrylic, Wood, Metal, Leather, Plastic, Rubber, Silicone, Ceramic and more Laser Cuttable: Glass, Plastics (PE, PP, EVA, PET, etc.), Fabric, Leather, Acrylic (Not Fully Transparent), Paper, Wood, and More
Working Area	Inner Engraving: 2.8" × 2.8" (70 mm × 70 mm) Surface Engraving: 7.9" × 7.9" (200 mm × 200 mm) Surface Engraving with Conveyor: 7.9" × 19.7" (200 mm × 500 mm)
Max. Working Speed	590.55 ips (15,000 mm/s)
Max. Laser Cutting Capacity	0.59" (15 mm) in Multiple Passes (Basswood)
Max. Laser Cutting Capacity	0.47" (12 mm) in Multiple Passes (Acrylic)
Max. Processing Height	5.9" (150 mm)
Max. Rotary Engraving Diameter	5.9" (150 mm)

SMART SOFTWARE	
Supported Software	xTool Studio
Operating System	Windows/macOS
Connection Method	USB/Wi-Fi/IP
Supported Files	2D: SVG, DXF, JPG, JPEG, GIF, PNG, BMP, and WEBP 3D: STL, OBJ, AMF, 3MF, GLB, PLY
Almake Compatibility	Yes

EASY OPERATION	
Pre-assembled	Yes
Built-in Camera	48 MP Dual Cameras
Positioning Method	Camera Positioning
Focus Mode	Autofocus
Ranging System	LiDAR Ranging System
Preview Method	Smart Camera Preview High-speed Light Live Preview

ACCURACY & PRECISION	
Laser Spot Size	0.02 × 0.02 mm
Positioning Accuracy	0.0079" (0.2 mm), Camera
Ranging Accuracy	0.0079" (0.2 mm), Camera
Image Resolution	48 MP
Motion Resolution	0.00005" (0.00133 mm) (Inner Engraving)
Vector Fitting Resolution	0.00004" (0.001 mm)

GENERAL	
Safety Certification	Class 4 Laser Safety
Machine Dimensions	11.6" × 16.9" × 20.5" (294 mm × 429 mm × 520 mm)
Machine Weight	49.6 lb (22.5 kg)
Max. Machine Input Power	348W
Power Adapter Input Voltage	110 V - 240 V, AC 50/60 Hz
Storage Temperature Range	-10 to 60°C (14 to 140°F)
Operating Temperature Range	10 to 30°C (50 to 86°F)
Storage Humidity	10 - 60% Rh

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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 the Inks and 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

DIGITAL STAR QATAR
ديجيتال ستار قطر

DOHA | QATAR | P O BOX: 47663



+974 448 34 486



info@digitalstarq.com



+974 441 63 788



www.digitalstarq.com