

XTOOL

xTool F2 Ultra

The First 60W MOPA + 40W Diode Dual Laser with AI

WATCH VIDEO



Deep Engraving Done Faster, with More Detail

Color Engraving Becomes More Accurate and Easier

Authorized Distributor:



دیجیتال ستار
DIGITAL STAR

No. 1



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.

xTool F2 Ultra

The First 60W MOPA + 40W Diode Dual Laser with AI



xTool F2 Ultra Powered by MOPA, DELIVERS A MORE VERSATILE METAL PROCESSING experience beyond ordinary fiber lasers



Color Engraving

With its wider pulse & frequency range, MOPA makes it easy to engrave hundreds of vibrant colors on metal, boosting your product value.



True Black Marking

MOPA can precisely control pulse width and frequency to engrave deep black marks in fewer phases—no marking spray needed like fiber



Faster 3D Engraving

60W MOPA engraves 3D metal coins 5x faster than 20W fiber, helping you finish orders quickly and achieve faster payback.



Metal Cutting

With higher power, you can cut thicker metal and turn it into premium products for few markets—a 1mm name necklace takes just 6 min.



100+

Colors with
One Click

Master All Materials, Effortlessly

• 60W MOPA Laser • 40W Diode Laser

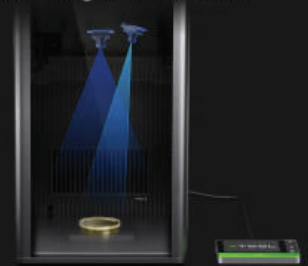


All Metal Projects Covered



Simplify Laser to the Max

48MP Dual Cameras Precise Alignment & Detail



220x500mm



Safety Certified

15,000mm/s

Over 50% Higher Efficiency

50% Faster ↑

Faster Speed: 15,000 mm/s

115% Larger ↑

Larger Size: 220 × 220 mm

200% Efficiency ↑

More Efficient: 220 × 500 mm with Conveyor

Always Safe and Easy to Maintenance

Fully Enclosed Design

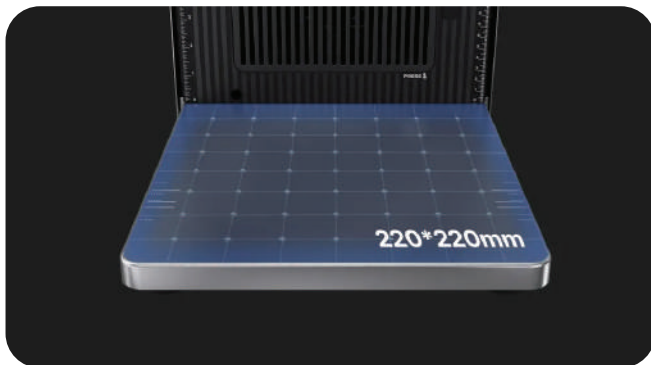
Reinforced Enclosure for Added Durability

Safety Sensor for Emergency Auto-Stop

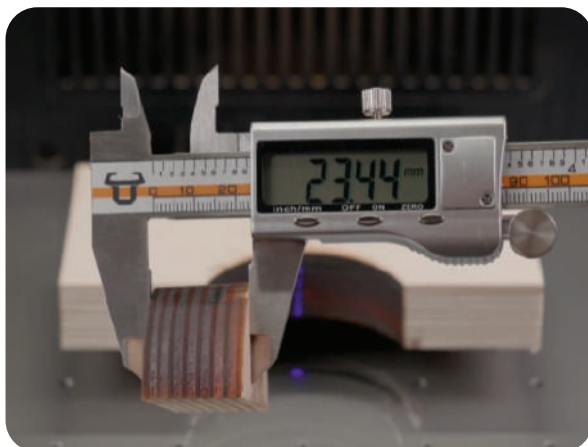
Prevent Laser Leakage While Keeping Operations Visible



Larger, Unlock Bigger Project Possibilities



Effortlessly Cutting Through Thicker Materials



2mm Metal

The 60W MOPA laser enables cutting metals up to 5 times thicker than a 20W fiber laser

20mm Acrylic

The 40W diode laser cuts acrylic up to 20mm thick through multiple passes, delivering clean edges.

23mm Wood

The 40W diode laser cuts wood up to 23mm thick through multiple passes, delivering deeper cuts with less burning

Max Metal Cutting Capability

The cutting results shown are based on tests in the xTool Lab.

Gold

Up to 0.2mm

Silver

Up to 1mm

Titanium

Up to 2mm

Stainless Steel

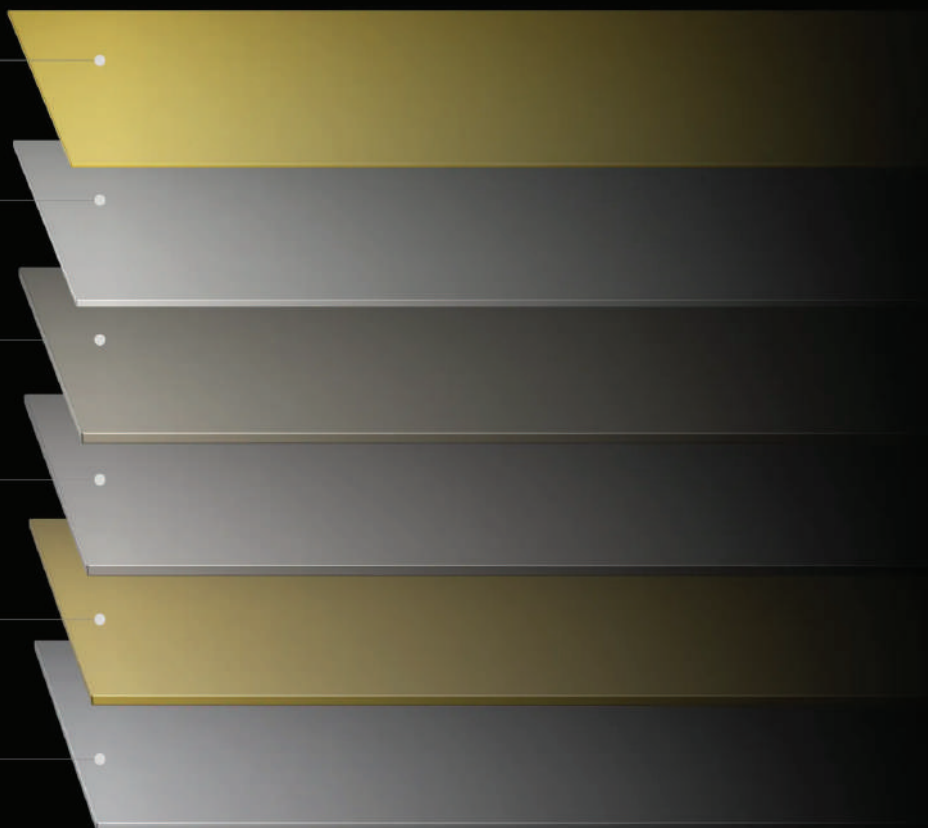
Up to 2mm

Brass

Up to 2mm

Aluminum

Up to 2mm



THE INVISIBLE RISKS YOU OVERLOOK

Every engraving releases smoke and fine particles you may not notice. Inhaling them over time can silently harm your lungs and cause health issues. These risks are often overlooked in daily use.



**WOODWORKING
SMOKE**



ACRYLIC ODOR



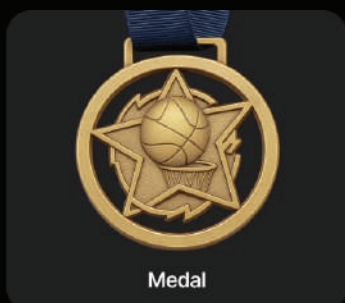
STONE POWDER



METAL DUST



Leather Embossing



Medal



Grave Marker



Wall Clock

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.

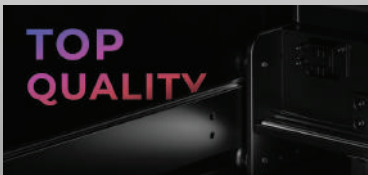


Product Size	324 * 187 * 148 mm	Product Weight	2,26 kg
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PROCESSING CAPACITY

SPECIFICATIONS	
Type	Details
Laser type	F2 Ultra Dual Laser: 60W MOPA & 40W Diode
Weight	F2 Ultra Dual Laser: 21.6kg
Processing Mode	Laser Engraving & Laser Cutting
Supported Materials	Stainless Steel, Brass, Aluminum, Wood, Leather, Acrylic, Paper & More
Max Laser Cutting Capacity	2mm Metal/23mm Basswood/20mm Acrylic in Multiple Passes
Max. Working Speed	15,000 mm/s
Working Area	220 mm × 220 mm, 220 mm × 500 mm with conveyor
Built-in Camera	48 MP Dual Cameras
Preview Method	Smart Camera Preview
Accuracy	Positioning Precision: 0.2 mm, Motion Accuracy: 0.00482 mm
Product Size	294 mm x 429 mm x 521 mm
Supported Software	Atommm & xTool Creative Space
Operating System	Windows & macOS



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