

XTOOL

xTool P3

**The Ultimate CO2 Laser Workhorse
with Intelligent Automation**



Think Bigger. Earn Bigger.

Evolved Dual HD Camera for Precision Auto-Positioning

Authorized Distributor:



دیجیتال ستار
DIGITAL STAR



xTOOL

CREATE WITHOUT LIMITS

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 P3
80W CO2 Laser Cutter



THE APEX OF DESKTOP LASER PERFORMANCE

Most Powerful

80 WATTS

Max CO2 laser

Largest Desktop Laser

914 × 457 MM

Working Area

Fastest

1.200 MM/S

Up to Speed

Durable

10.000 HOURS*

Laser Tube Lifespan

* According to xTool lab data, the laser power decreases by a maximum of 25% after 10.000 hours.

PIONEERING THE FUTURE OF AUTOMATED CREATION

Powered by our ACS™, delivering the "Place & Go" experience. By fusing vision, ranging, and motion control, ACS™ transforms tedious, error-prone manual steps into one seamless and precise workflow. It handles technical details, so you can focus on one thing: creation.

Dual-Camera Synergy

Smart Camera Selection for 0,2 mm Precision Placement

80W CO2 Laser

Cut Thicker.
Faster. Cleaner.

5W IR Laser

Detailed
Metal Engraving

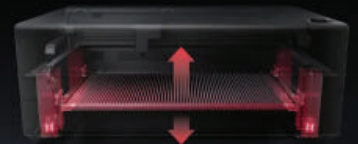
1.200 mm/s

2X Speed Boost

The Largest Working Area in a Desktop Laser



221 mm



AutoLift Base

No More Manual Adjustment

3D Modeling Preview with RA3 Rotary

See It before Make It



ACS

Slash Setup
Time from Minutes
to Seconds

CLASS 1

Multi-Layered Safety

Intelligent Conveyor

Install Once, Always Ready



* 5W IR Module, RA3 Rotary, Conveyor are sold separately if not included in the bundle.

ALWAYS SAFE AND EASY TO MAINTENANCE



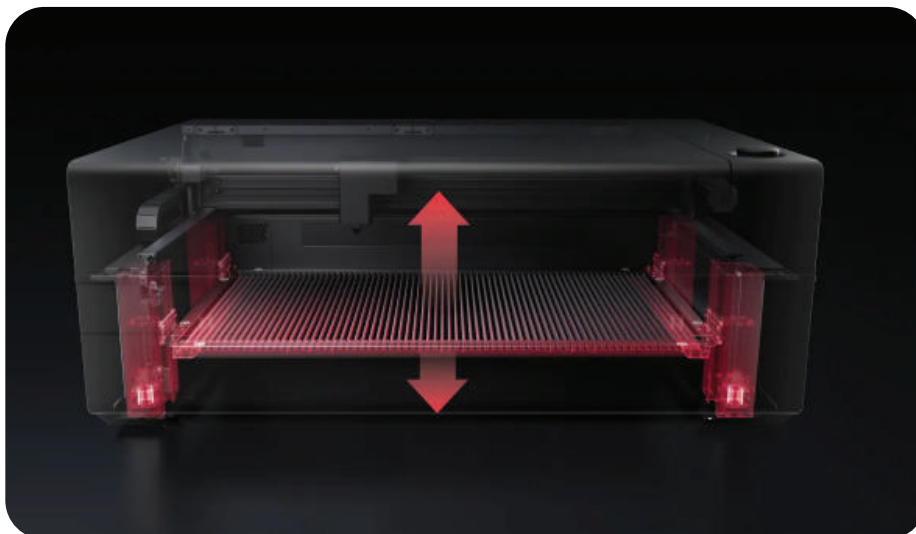
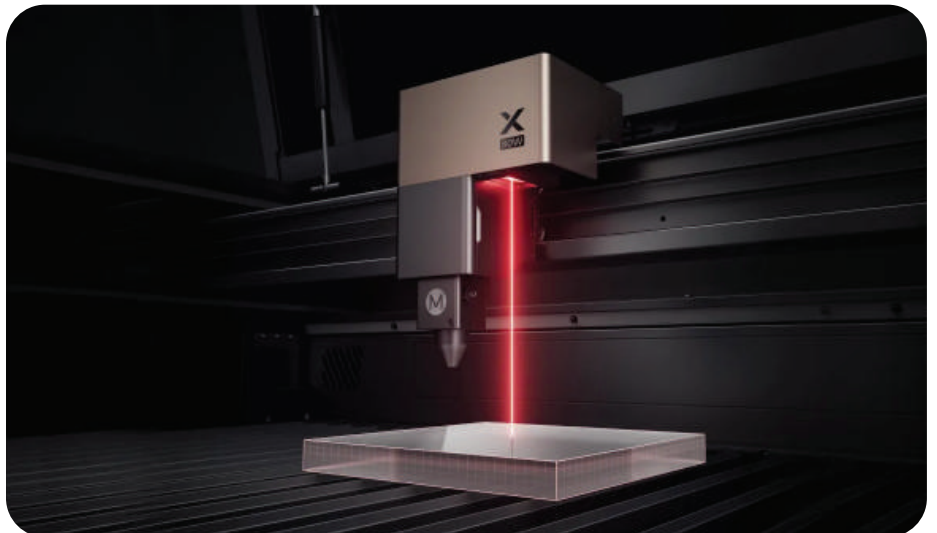
Evolved Dual HD Camera for Precision Auto- Positioning

Two cameras work as one. Our 16MP SkyView camera minimizes edge distortion and a close-range detail camera achieves a microscopic 0,2 mm precision, ensuring flawless alignment on everything from large signs to ultra-fine jewelry.



LiDAR Ranging System for Perfect Cuts Every Time

Experience seamless autofocus. Our integrated LiDAR system instantly measures distance with pinpoint accuracy, ensuring a perfect autofocus for every project.



AutoLift Base: Maximum Depth. Effortless Focus.

No more manual adjustments. Master objects of up to 21,5 cm in height. Guided by LiDAR, the AutoLift Base automatically positions your material at the optimal height, delivering a flawless and effortless focus.

THE EVOLVED CREATIVE ECOSYSTEM: SMARTER, SIMPLER, SAFER

THE ONLY INTELLIGENT CONVEYOR YOU WILL ACTUALLY USE



A Truly
Automated
Workflow



Auto Clamp
Material



Install Once,
Always Ready



Go Any
Length

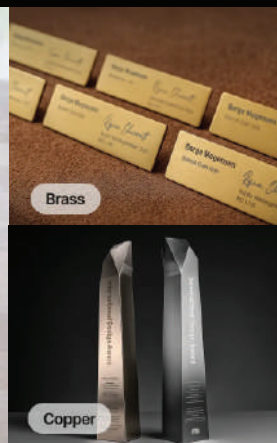
Simply place your material and align your design on the preview; the system handles the rest, from automatically clamping and homing the material to final processing.

1 MACHINE. 2 TECHNOLOGIES. ∞ POSSIBILITIES.

80W CO2 LASER



5W IR MODULE



* The 5W IR Laser Module is sold separately. It will be released later—stay tuned.

MULTI-LAYERED SAFETY, TOTAL PEACE OF MIND

Monitored by eight flame sensors, a temperature sensor, and dual-side cameras for intelligent, full-bed visual detection that even extends into the waste tray to provide early warnings.

Class 1

Multi-Layered Safety for Peace of Mind

Smarter Detection. Faster Response. Full Protection.

Flame Sensors

x 8

Temperature Sensor

x 1

Side Cameras

x 2

Built-in CO2 Cylinder for Flame Suppression
<1s response time

The Evolved Creative Ecosystem: Smarter, Simpler, Safer



DIVERSE ACCESSORIES SIMPLIFY CREATIONS (OPTIONAL)

xTool Intelligent Conveyor Feeder

Large-Scale Creation is Now Automated



xTool Mobile Work Stand

One-Person Mobility & Superior Stability



xTool MagSwap™ RA3 Rotary

From 3D Preview to Perfect Rotary Engraving



xTool SafetyPro™ AP2 Max

Strong Filtration for Heavy-Duty Laser Cutters



PROCESSING CAPACITY

PROCESSING CAPACITY	
Type	80W CO2 Laser + 5W IR Laser (Optional)
Processing Mode	Laser Cutting Laser Engraving
Supported Materials	Laser Cuttable: Wood, Acrylic, Fabric, Leather and more
	Laser Engravable: Metal, Glass, Bamboo,Ceramic and more
Working Area	914 mm x 457 mm
Max. Working Speed	1200 mm/s, X-axis Acceleration 19600 mm/s²
Max. Laser Cutting Capacity (Basswood)	20 mm in ONE PASS
Max. Laser Cutting Capacity (Acrylic)	25 mm in ONE PASS
Max. Processing Height	220 mm
Max. Rotary Engraving Diameter	0 - 200 mm

SMART SOFTWARE	
Supported Software	xTool Studio
Operating System	Windows/MacOS
Connection Method	USB/Wi-Fi
Supported Files	SVG/DXF/JPG/JPEG/PNG/BMP/TIF
Almake Compatibility	Yes

EASY OPERATION	
Easy Operation	Yes
ACS™ (Automated Creation System™)	Yes
Built-in Camera	16 MP SkyView Panoramic Camera+Close-range Camera+Side Camera×2
Positioning Method	Dual-Camera Positioning
Focus Mode	Autofocus
Ranging System	LiDAR Ranging System
Preview Method	Smart Camera Preview

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80W CO2 Laser Cutter



ACCURACY & PRECISION

Laser Spot Size	S Focal Lens: 0,14 mm × 0,16 mm (optional)
	M Focal Lens: 0,15 mm × 0,18 mm(standard)
	L Focal Lens: 0,18 mm × 0,20 mm (optional)
Positioning Precision	0,2 mm, Camera
Motion Accuracy	0,01 mm

GENERAL INFORMATION

Safety Certification	Class 1 Laser Safety
Product Dimensions	1250 mm × 780 mm × 496 mm
Product Weight	105 kg
Max. Machine Input Power	1400 W
Power Adapter Input Voltage	100 V - 240 V, AC 50/60 Hz



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

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