



XTOOL

CUSTOM YOUR
JEWELRY MAKING
WITH LASER ENGRAVER



Customize on-site with carry-on laser engraver, xTool F1

- Dual-lasers: 10W 455nm diode laser + 2W 1064nm infrared laser
- Up to 4000mm/s engraving speed
- HD photo resolution with 0.0019mm engraving accuracy
- Handheld & Portable, Safe & Clean
- Auto focus and live engraving preview



20W Fiber & Diode Dual Laser Engraver for Almost All Materials, xTool F1 Ultra

- Auto Streamline Production™ with Camera
- 220 X 500mm Large Working Area (With Conveyor)
- Engrave at super speed on almost all materials
- Enclosed design, Safe & Clean
- Support 3D curved surface, emboss, color and rotary engraving

Feature/Aspect	xTool F1	xTool F1 Ultra
Laser type	10W Diode Laser 2W 1064nm Infrared Laser	20W: Diode Laser 20W: Fiber Laser
Product Weight	10.14 Lbs	44.09 Lbs
Product Size	7"*9.25"*13.14"	19.4"*9.96"*14.68"
Up to Working speed	157.48"/s	314.96"/s
Working area	115 X 115mm rounded rectangle (4.53" X 4.53")	220 X 220mm (8.66" X 8.66")
Focus mode	Manual/Auto	Manual/Auto
Software	XCS(Free Uses) / Lightburn	XCS(Free Uses) / Lightburn
Support Cuttable Materials	All Metals, Wood, Leather, Acrylic, Glass, Rubber, Fabric etc	
Support Accessories	RA2 PRO; Slide Extension; Desktop Smoke Purifier; Button Switch; Pedal Switch; Safety Goggles	RA2 PRO; Conveyor Belt; Smoke Purifier; Button Switch; Pedal Switch; Safety Goggles



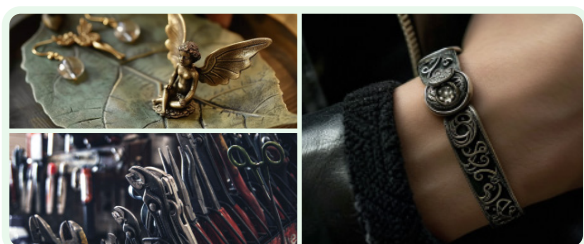
Engrave&Cut Custom Jewelry Design

Laser engraving can personalize jewelry with intricate details and unique branding, enhancing both its beauty and value. The xTool laser engraver can also marking over 300+ material options (gold, silver, stainless-steel, acrylic, leather and more), expanding your creative choices.



Advanced Photo & Color Engraving Techniques

xTool F1 series laser engraver prints high-resolution photos on jewelry with remarkable 0.00199mm precision and can create colors on metal by adjusting the engraving settings.



Remove Rust

The focused beam of the laser engraver can vaporize rust without damaging the underlying metal. This non-contact method is highly effective in restoring metal surfaces to their original state.

Permanent Piercing & Sawing Marking

The high precision engraving of xTool laser engraver ensures even the most complex patterns are marked accurately, obviously and permanently on the metal surface.



Laser Marking by
xTool F1



In-depth Engraving
& Piercing



Stunning Finish!

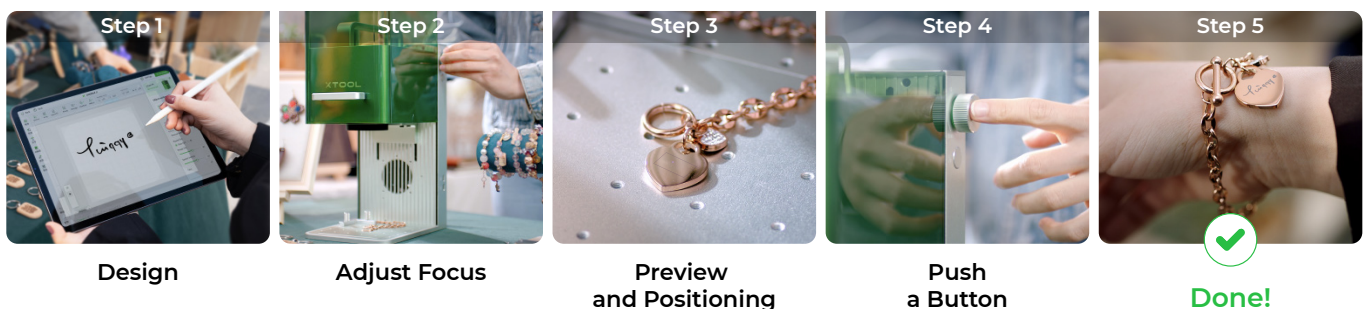
Diversify Your Jewelry Brand with Enhanced Value-Added Customization Services

The xTool laser engraver empowers jewelry makers and brands to elevate their branding through precise engraving of brand names and offering customization options for jewelry, paper, cards, leather packaging, as well as on tumblers or small thank-you gifts.



Effortless Design-to-Engrave Workflow

xTool laser engravers digital design allows customers to transform jewelry pieces in real-time with preferred drawings or images and watch their personalized designs take shape quickly.



Effective Batch Production

F1 Ultra with camera can automatically recognize shapes and fill patterns intelligently, which simplifies the workflow, reduces manual intervention, and accelerates production, allowing jewelers to complete more orders within the same timeframe.

