

The logo features the text "XTOL" in a bold, sans-serif font. The "X" is a vibrant green, while the "T", "O", "O", and "L" are black. The background is white with large, light gray diagonal stripes. In the top-left and bottom-right corners, there are green triangular shapes. A thin, dashed gray line runs diagonally across the upper left portion of the image.

XTOL

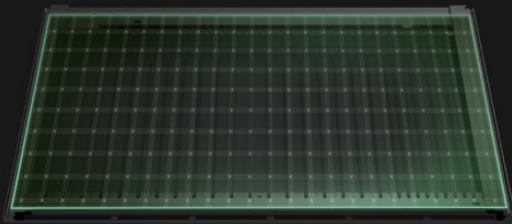
xTool P2

xTool P2 Versatile and Smart Desktop 55W CO2 Laser Cutter




Overview

xTool P2! The BEST DESKTOP CO2 LASER CUTTER in the world! Welcome to the world-class CO2 laser revolution!




26 x 14 inch bed size



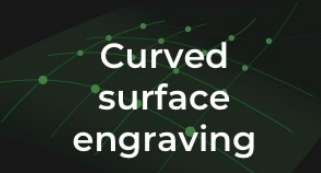
Dual 16mp cameras

600mm/s
MAX. engraving speed




55W
laser power

**BUILT-IN
AIR
ASSIST**



Curved
surface
engraving



Lightburn support



Features

【Curved Surface Engraving】

For all kinds of curved surfaces, whether concave or convex, xTool P2 can give you exquisite laser engraving effects!



Features

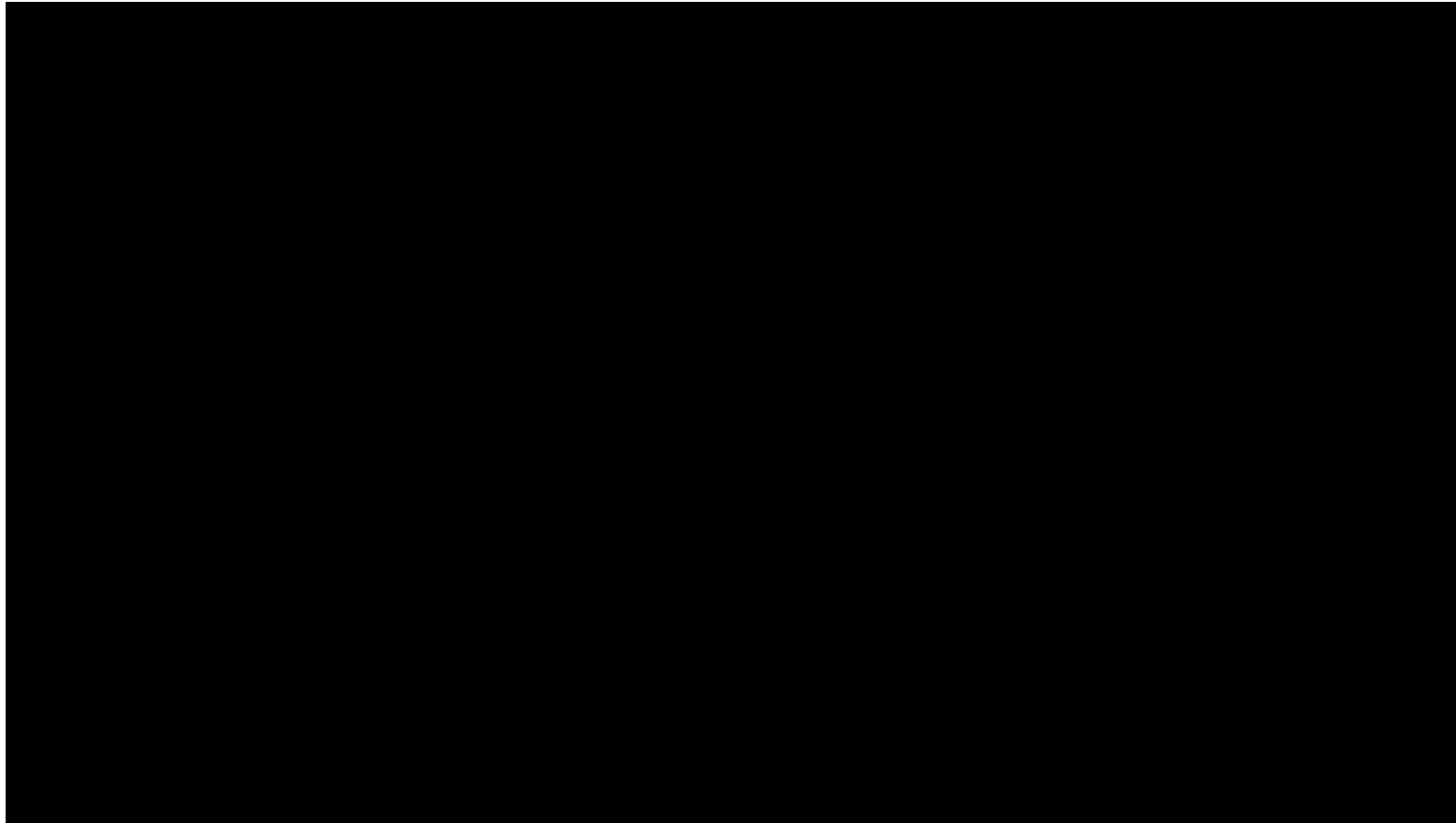
【Larger object engraving】

The maximum engraving length can reach 118 inches; height can be up to 8.4 inches; it can even cut through 20 mm acrylic.

【Rotary engraving】

Compatible with RA2 Pro, the 4-in-1 rotary attachment, xTool P2 unleashes your creativity on tumblers, mugs, spheres, and rings.

Watch the Video



<https://youtu.be/ixQFmcKP3L4>

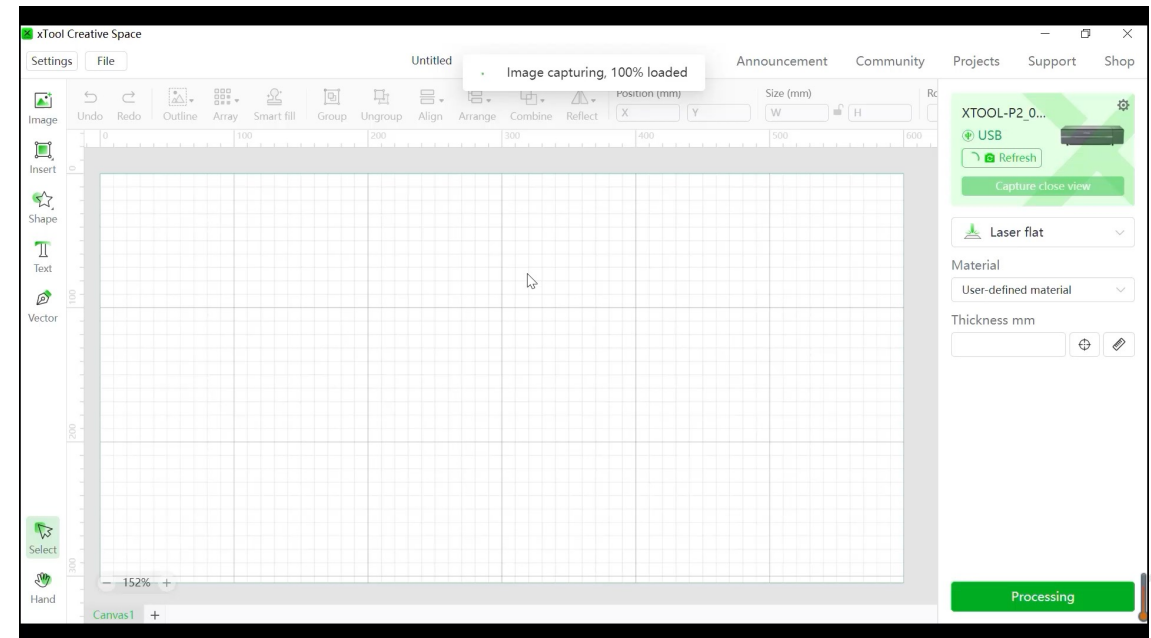
Smarter than ever before

Intelligent Machine

Dual 16MP smart cameras With high-accuracy live preview and auto-focus features, you can easily drag your drawings to the right place you want. Everyone can master xTool P2 in minutes.

- **Panoramic camera**

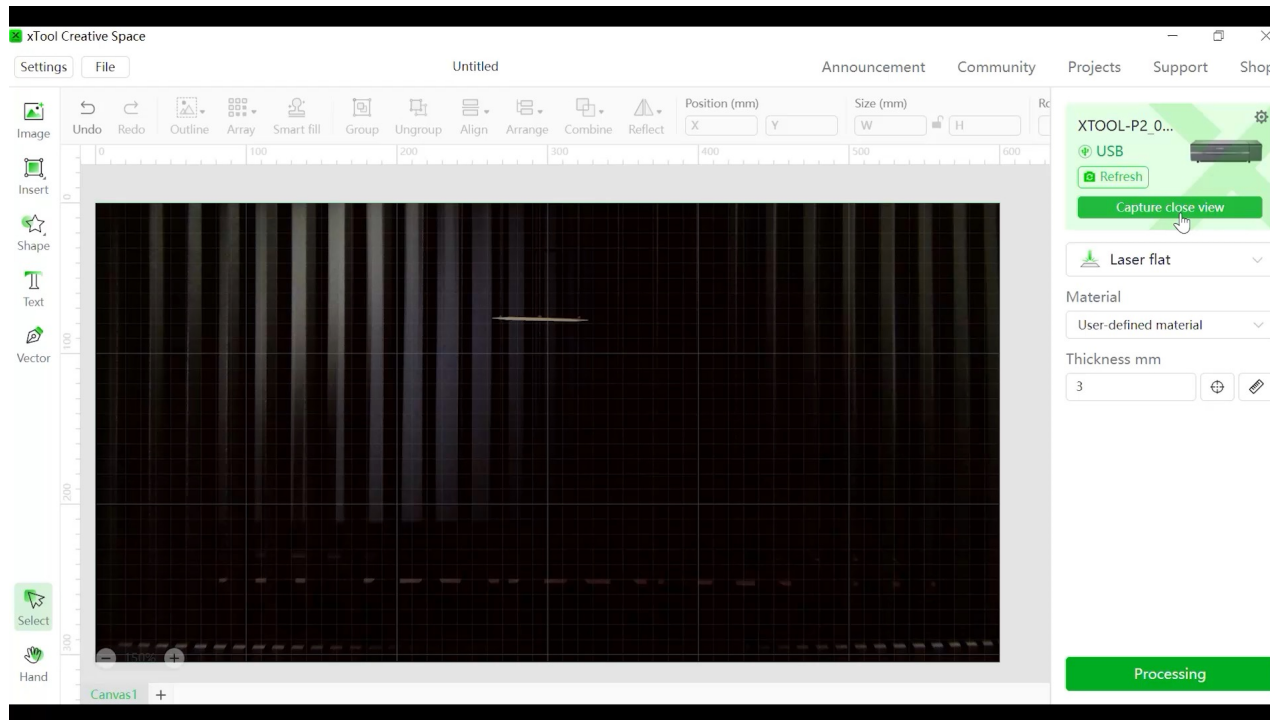
Panoramic camera provides a live preview and facilitates easy positioning by taking a whole picture of the working space in three seconds. What you see is what you get.



Smarter than ever before

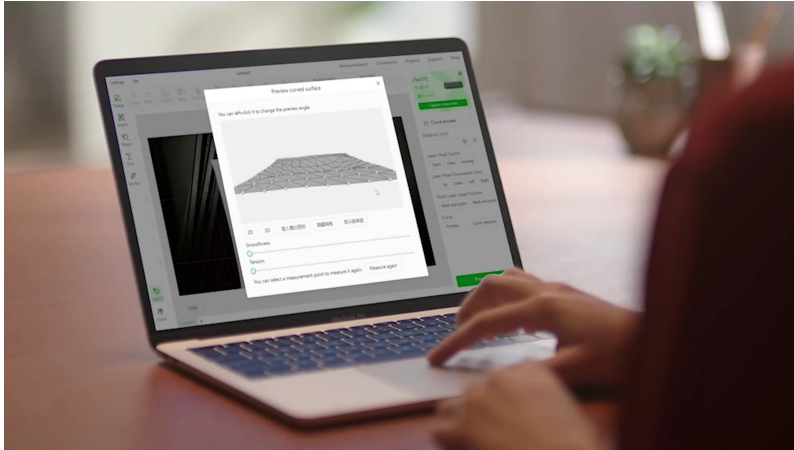
Intelligent Machine

Dual 16MP smart cameras With high-accuracy live preview and auto-focus features, you can easily drag your drawings to the right place you want. Everyone can master xTool P2 in minutes.



- **Close-range camera**

Close-range camera can move with the laser head to any position and take photos to get a **preciser view** of a particular spot.



- **Batch engraving**

xTool P2 can intelligently **recognize shapes** through the camera, and fill patterns on multiple objects and engrave on them in one batch.

- **Curved surface engraving**

xTool P2 can **automatically construct 3D models** of curved objects and automatically adjust focal length during processing, making the engraving result as perfect as it does on flat surfaces.



Strong performance

**Increase your
efficiency**



Superb cutting ability

xTool P2 has a powerful 55W laser tube that makes it achievable to cut 18mm black walnut and 20mm acrylic in one pass.

55_w
laser power

20_{mm}
acrylic in one pass



Material: Acrylic
Thickness: 20mm
Speed: 1mm/s
Power: 100%

6X speed on common materials

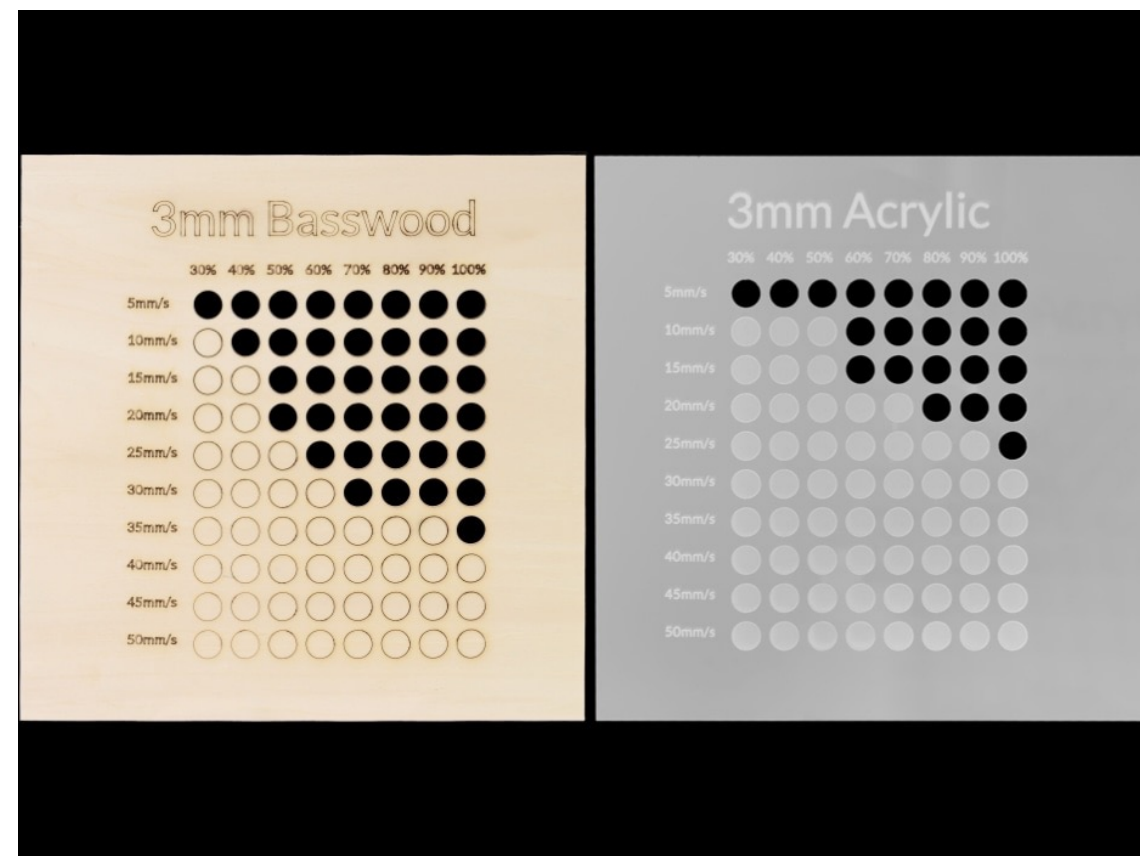
CO2 laser has ultra-high absorption efficiency on wood and acrylic. P2 can cut 3mm basswood at the speed of 35mm/s, which is 6 times faster than a 20W diode laser.

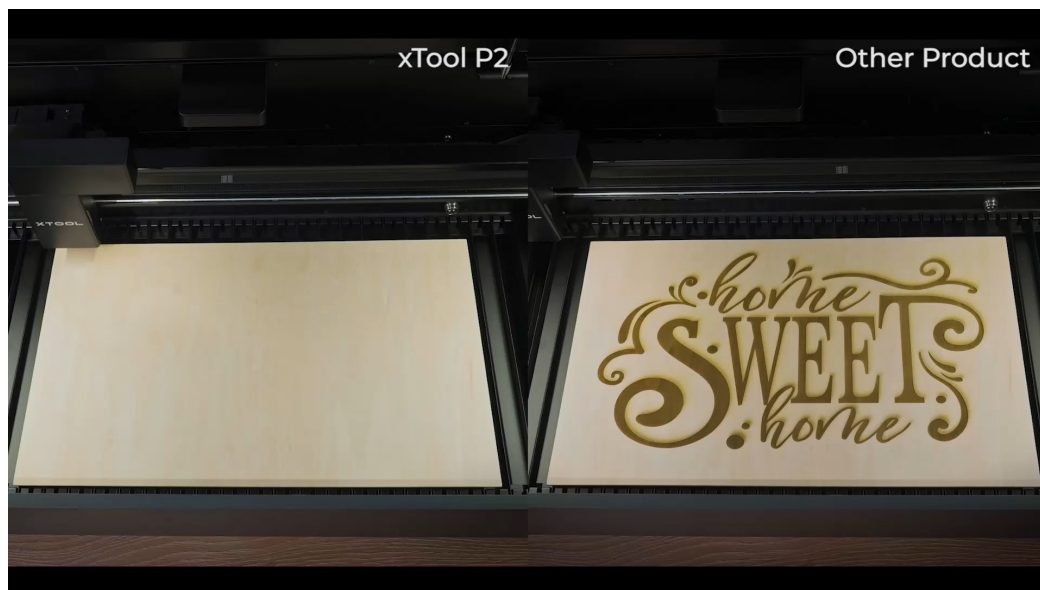
35 mm/s

3mm basswood cutting

25 mm/s

3mm acrylic cutting





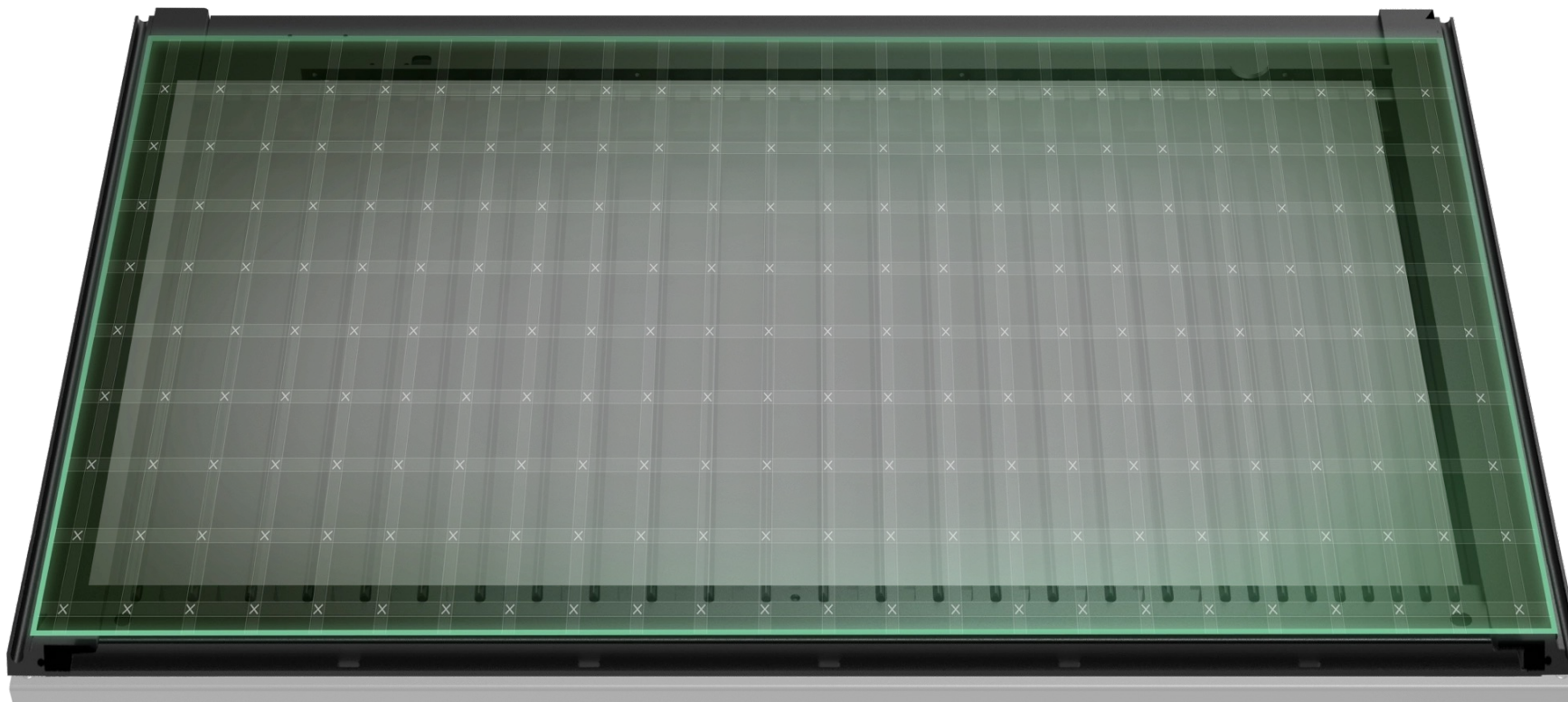
Higher working speed

xTool P2 has a sturdy construction and a high-quality motor that provides a maximum engraving speed of 600mm/s.

600 mm/s
Max. engraving speed



Your creativity is now boundless



xTool P2 provides a large bed size, the dimension is 26"x14" (680*360mm). The processing area is 23.6"x12.1" (600*308mm).

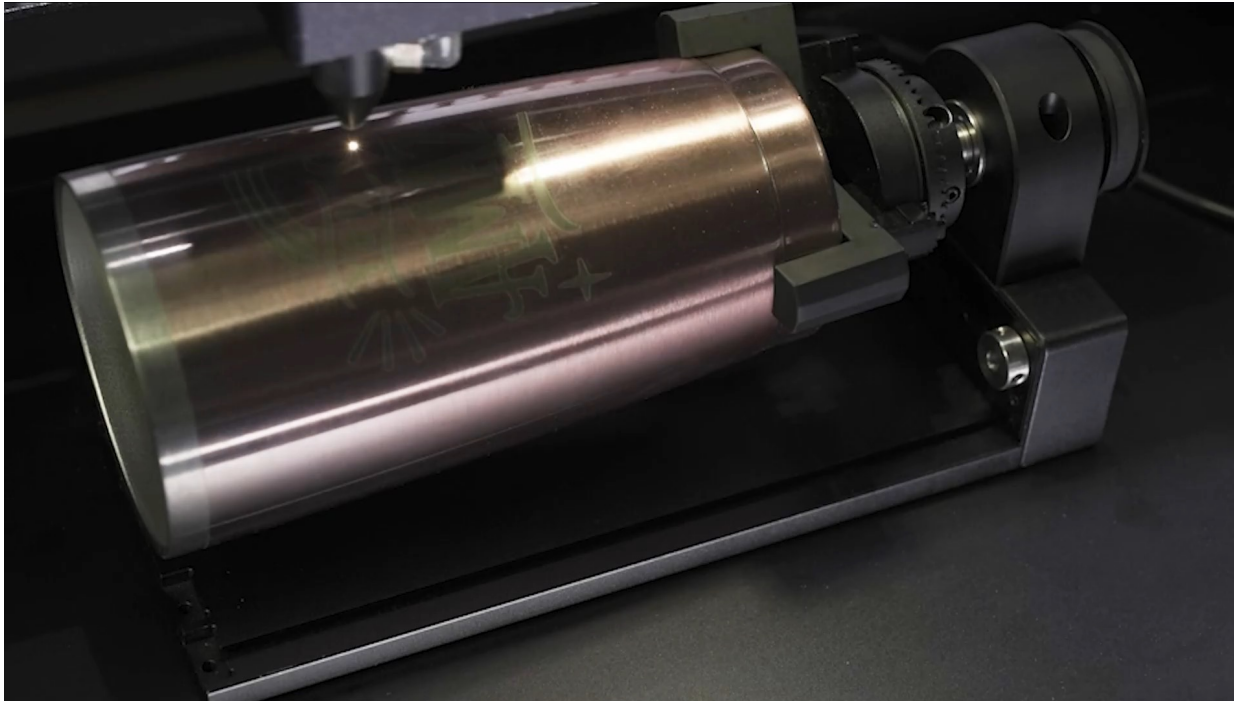
26 x 14 INCH

bed size



Explore more possibilities

It only takes a few accessories to get a more versatile P2 and unlimited possibilities.



- **Rotary Engraving**

Compatible with RA2 Pro, the 4-in-1 rotary attachment. xTool P2 unleashes your creativity on tumblers, mugs, spheres and rings.

Safe and Clean

All-around protection for you





Safe and Clean

I. Enclosed Design.

With the enclosed design and the light filtering lid, there is no need to worry about light or smoke leakage.

II. Automatic Lock.

The lid of the machine will be automatically locked while processing. This feature makes it an extremely safe machine, especially for families with kids or pets.

III. Emergency Stop Button.

xTool P2 has a built-in emergency stop button for a quick shutdown in case of emergency.



Safe and Clean

IV. Hydraulic Support.

The hydraulic support can hold the lid at a 70° angle, and the resistance in the supporting poles makes sure the lid falls steadily and you won't get hurt by accidental shutdown of the lid.

V. Fire Safety.

P2 is compatible with xTool fire safety set. It can detect the flame, trigger the alarm and extinguish the fire to ensure a safe workspace.

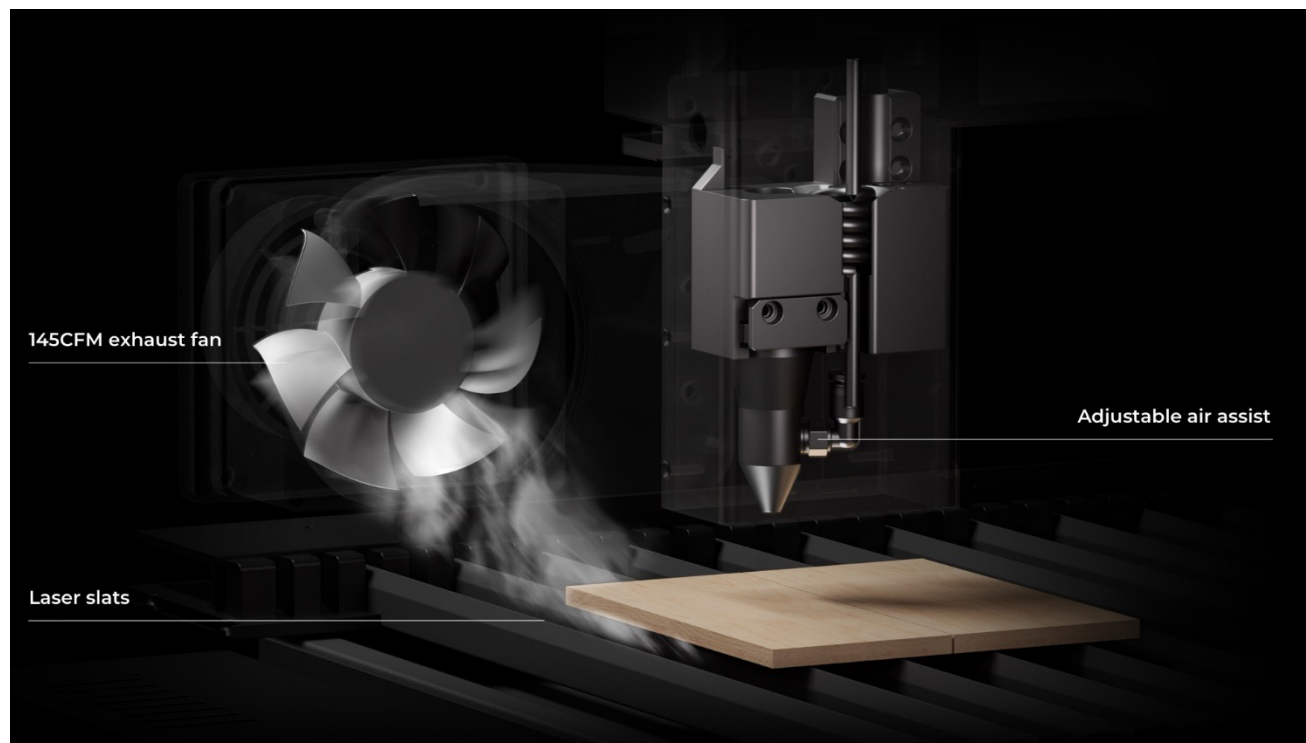
VI. Multiple-Warning System.

xTool has a multiple-warning system that guarantees the proper functioning of the machine by alerting to the over-temperature of the motherboard and cooling system, lack of cooling water, and more.



Excellent smoke exhaust system

With a built-in adjustable air assist and slats, the smoke can easily get through the materials and ventilated by the 145CFM exhaust fan.



Create with hundreds of materials

With a built-in adjustable air assist and slats, the smoke can easily get through the materials and ventilated by the 145CFM exhaust fan.

*xTool P2 (CO2 laser) can engrave on coated metal, anodized aluminum alloy, and anodized titanium steel. For stainless steel, you need to spray coating on it before marking it.



Acrylic



Wood



Create with hundreds of materials



Leather



Metal



Paper



Other

Better software at your service



xTool Creative Space

Get an exceptional laser experience with our user-friendly software XCS.



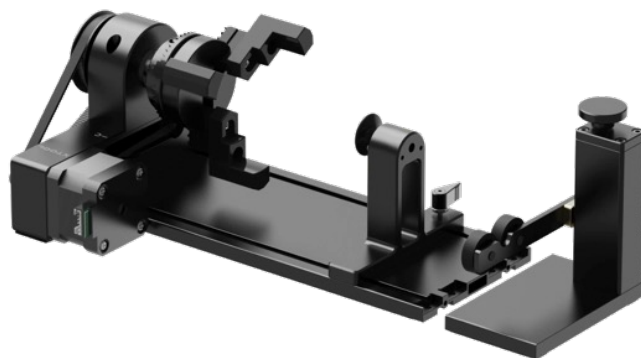
LightBurn

Compatible with common laser software with basic functions.

Better work with accessories

xTool RA2 Pro

The WORLD'S FIRST 4-in-1 rotary
for laser engraver



Better work with accessories

xTool Smoke Purifier

High quality and durable, plus a big-size filter



Fire Safety set

For auto fire detection and fire extinguishing



Product Specifications

Product Information	
Rated Power	55W(CO ₂ Glass Laser Tube)
Package Size	44.4"×28.6"×13.6" (1122×727×346mm)
Product Size	39.4"×25.1"×10.6" (1000×639×268mm)
Product Weight	45KG
Max. Engraving Speed	600mm/s
Processing Precision	0.01mm
Z-axis Movement	3" (75mm)
Lifespan	6000~8000h
Safety Guard	Class IV (FDA Certified)
Laser Spot	0.15×0.2mm



Product Specifications

Work Area	
Bed Size	26.7"×14.1"(680*360mm)
Processing Area	23.6"×12.1"(600*308mm)
Max. Workpiece Height	With tray 2.5"(64mm), Without tray 2.7"(71mm),
Rotary engraving diameter	Without riser base 3-50mm
AI Camera Information	
Camera	Panoramic camera + close-range camera
Number of Pixels (Effective)	16MP×2
Vision Precision	0.3mmImage
Resolution	1000DPIFocus
Mode	Autofocus



Product Specifications

Build-in Accessories	
Water-cooling System Capacity	1.4L(0.37gal)
Air Assist (adjustable)	15-150Kpa
Exhaust Fan	145CFM
Software and Connection	
Operating Systems	Windows / macOS / iPadOSControl
Software	xTool Creative Space / LightBurn
Supported File Type	SVG, DXF, JPG, JPEG, PNG,
BMPConnection / Transmission	Wi-Fi, USB, Ethernet



Thank You