XTOOL | P2

Super Versatile Smart Desktop
55W CO2 Laser Cutter

XTOOL

Software

User Guide

Smart and Easy   Creativity Unbound   Built-in Upgrades   Ultra Performance
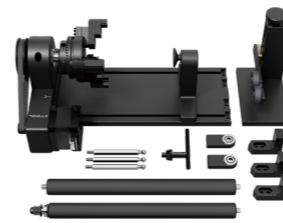
What is xTool P2 ?

xTool P2 is a super Versatile Smart Desktop 55W CO2 Laser Cutter. If you are an experienced crafts-man, designer, or maker who wants an efficient way to process various materials, especially thick and acrylic materials, the xTool P2 can be great for the job.

55W is currently the highest power of desk-top-grade intelligent CO2 laser machines. With the fastest speed of 600mm/s, it also allows users to work more efficiently.

The two 16MP cameras provide a real-time preview and bring down the precision error to only 0.3mm. xTool P2 can intelligently recognize shapes through the camera, and fill patterns on multiple objects and engrave them in one batch.

The new air purifier includes a side vent to con-nect another exhaust pipe and direct the filtered emissions outside the working environ-ment

The entire P2 is airtight with a shade design on the top lid. The riser base accessory is also designed in line with the leakproof standard. No need to worry about any light or smoke leakage.

Acrylic, kraft paper, cardboard, wood board, leather, plastic, MDF, glass, marble, ceramic, and more. The P2 can work with different types of materials.

Easy to use software, available for desktop and laptop, as well as mobile devices.

Great accessories to choose from

RA2 Pro
The world's first 4-in-1 rotary engraving module, from home to outdoors, from party to sport, RA2 Pro suitable for 90% daily use cylinders and spheres. Make unique wedding wine glasses and custom jewelry.

xTool P2 Riser Base
Significant upgrade on engraving thick-ness, assembled with the Automatic Conveyor Feeder, it provides the auto-matic passthrough for precision and con-venience when engraving and cutting extra-large materials.

Conveyor Feeder
The maximum processing area is super-sized up to 118''×19.6'', giving you the option to engrave anything up to 118 inches long in size effortlessly, and set more quantity at one time.

Smoke Purifier
3-layer filtration system including premi-um activated carbon and HEPA filters to achieve a 99.97% purification rate, remove fumes, dust, and unpleasant outdoors.
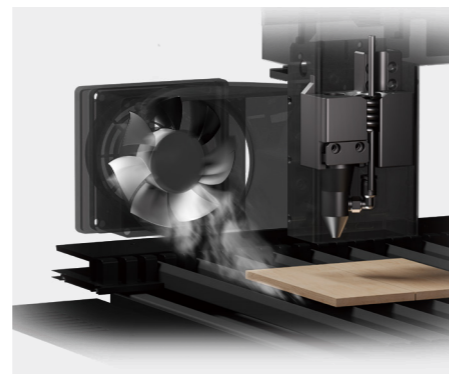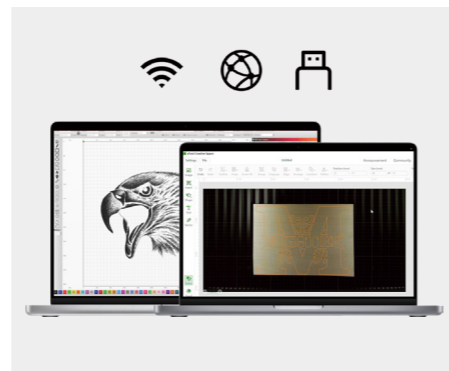
Fire Safety Set
Full auto fire safety set for desktop laser machine, the safest possible way to detect & suppress fire.

Specification

		P2 Class I	P2 Class IV
Product Infomation	Rated Power	55W(CO$_2$ Glass Laser Tube)	55W(CO$_2$ Glass Laser Tube)
	Package Size	44.4"×28.6"×13.6" (1122×727×346mm)	44.4"×28.6"×13.6" (1122×727×346mm)
	Product Size	39.4"×25.1"×10.6" (1000×639×268mm)	39.4"×25.1"×10.6" (1000×639×268mm)
	Product Weight	45KG	45KG
	Max. Engraving Speed	600mm/s	600mm/s
	Processing Precision	0.01mm	0.01mm
	Z-axis Movement	2.7"(68mm)	3"(75mm)
	Lifespan	6000~8000h	6000~8000h
	Safety Guard	Class I (FDA Certified)	Class IV (FDA Certified)
	Laser Spot	0.15×0.2mm	0.15×0.2mm