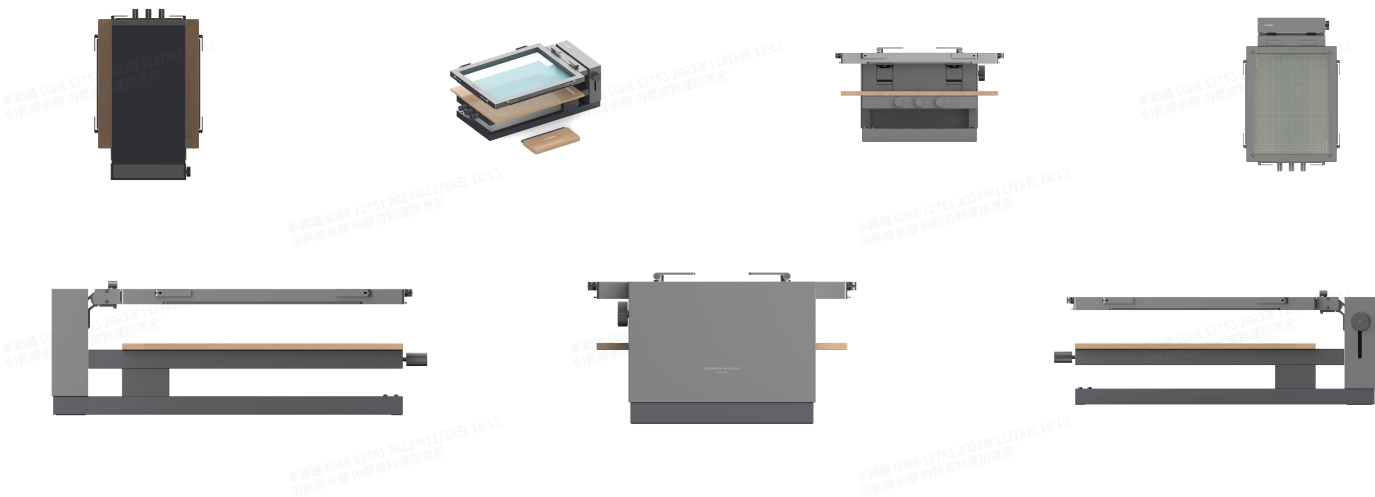


【国际业务部】xTool Screen Printer

1. —. Product Information

1.1 Name: xTool Screen Printer



2. Product Positioning: The first accurate and easy-to-use screen printing solution with a laser.



xTool Screen Printer: Effortless Art Printing with Laser

With “Minutes to Mastery、Versatile Usage、Industrial-grade Precision”

1. Product Positioning & Target Customer

Product Positioning	<p>xTool Screen Printer: Effortless Art Printing with Laser</p> <p>With “Minutes to Mastery、Versatile Usage、Industrial-grade Precision”</p>
Target Audience	<p>1. Main Customer: Average age up to 45years old. Male& Female, DIY enthusiasts with previous screen printing hobby/Art/Commercial experience, understanding and hands-on experience in traditional screen printing, including but not limited to apparel (tee-based), posters, and backpack processing. Having a variety of DIY equipment, has invested thousands of dollars in screen printing, loyal to the low cost of screen printing and high batch efficiency, but also actively learning more about new technologies (Thermal transfer, Laser, Thermal Sublimation, 3D printing, etc.).</p>

	2. Consumer Group: Targeting a broad group of DIY enthusiasts who own a new DIY product (laser printer, heat sublimation machine, heat press, etc.) and are setting up or trying to set up small-scale studio, with a focus on fabric processed products (garments, canvas bags, etc.) and poster cards and other paper processed products. Potential consumers who have heard of screen printing or have tried screen printing at least once but hesitated due to the complicated process and time consumption.
Main Missions	"Redefining the way we approach screen printing: Based on the convenient and precise laser engraving technology, this new device reinvents the tradition, making industrial-grade precision screen printing more accessible than ever for both beginners and professionals."

Production Fuctions & Key Messages

定位 Positioning	xTool Screen Printer: Effortless Art Printing with Laser 带来精准易用的体验，首个能搭配激光使用的丝网打印机		
Slogan & Points	Effortless, Limitless, Flawless 轻松易用，创意无边		
	重塑制作网流程 Recreate Screen Preparation	重塑制版方式 Revolutionise Frame Setup	重塑丝网打印机 Reshape Screen Printer
Key Message	Minutes to Mastery 分钟上手	Versatile Usage 多样场景	Industrial-Grade Precision 超精制版
卖点 Selling Points	Two-Sided Coated Screen	织物 Clothes	Lossless Quality at Home
	创新绷网结构 Innovative EasyStretch Frame	海报 Poster	Extreme Detail with Laser
	Burning Screens at Laser Speed	金属、木材等 Metal/Wood	
	Intuitive Design		

2.1 Selling Points

2.1.1 Minutes to Mastery

"From Box to Print, No Sweat". xTool is dedicated to letting more and more processing enthusiasts of all levels experience the precision and efficiency of laser technology. Adopting the industry-leading double-sided pre-coated mesh technology, say goodbye to the previous 24-hour wait for the mesh; coupled with the fast laser engraving speed, from opening the box to

printing out the first piece of work dedicated to you, in just three steps, everyone can quickly get started in a few minutes, quickly mastering the craft!

2.1.2 Two Sided Coated Screen


No more 24H photopolymer drying, no more extensive photopolymer coating techniques. Through customised, professional-grade screen spraying technology,xTool coats flat, large-format, pre-produced screens on both sides of the screen with customised, professional-grade spraying technology. xTool's double-sided coating lets prints guarantee the thickness of the ink while increasing the lifespan and number of times a screen can be used.

- 6x More Uniform Coating

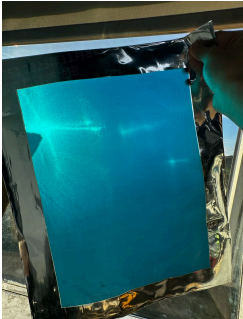
Possibly the easiest method for screen printing at home, our two-sided coated screen eliminates the lengthy emulsion preparation time. When combined with laser engraving, creating stencils has never been quicker. Our all-new printing press is innovatively designed for seamless and intuitive batch operations, allowing anyone to master the craft in just minutes.

- Easy-Peel Protection


Our innovative tear-resistant layer design ensures that the screen remains perfectly flat and taut during transportation, eliminating any transport-induced wrinkles. Experience maximum precision from the start, ensuring consistent tension when stretching the screen later, ready to use with minimal adjustments.




Sided Coated Screen



Front Side



Sides



Source

2.1.3 Burning Screens at Laser Speed-400mm/s

Burning of screens at a speed of 400 mm/s* (the speed depends on the different laser devices)

The speed means that a large number of plate-making tasks can be completed in a short period of time, which is a significant increase in efficiency compared to the conventional process of plate-making for at least 24h.

2.1.4 Intuitive Press Design

- Quick-Release Frame Clamp

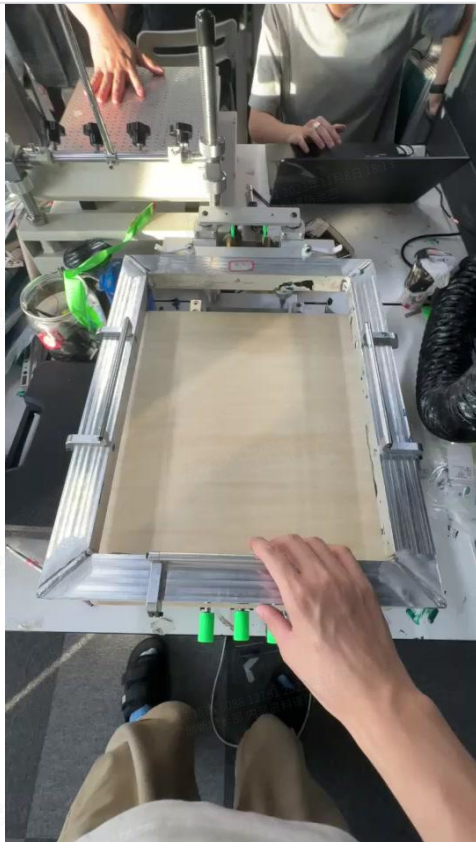
Breaks the limitations of traditional screen printers and provides users with more options and flexibility. The ability to easily change screen frames and panels according to different printing needs. Users are not limited to a single size printer. Whether printing small or large items, multi-colour overprinting operations can be easily accomplished within the space of one workbench.

- Free 60° Hover Hinge

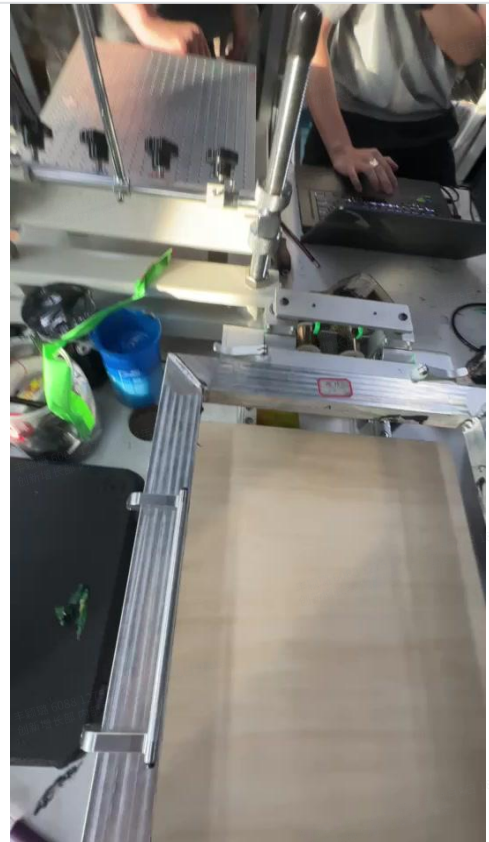
This design of the spindle makes it easier to operate and more suitable for batch operation. It also reduces the risk of ink spillage.

- Z-axis AutoPress

Z-axis AutoPress makes height adjustment exceptionally easy, eliminating the need for additional opening action each time a new print object is changed, while conveniently adapting to different material heights, thus greatly improving efficiency.



- 70°Hover Hinge



- Z-axis AutoPress

3. Versatile Usage

👑 Possible on any surface.

Screen printing is an extremely versatile technique that is used on a wide range of surfaces. While it is most often associated with T-shirts and other fabrics. Screen printing is used on practically everything from posters and metal to wood and metal. The extremely varied application scenarios can help users print meaningful content or graphics, creating rich gifts that are exclusively.

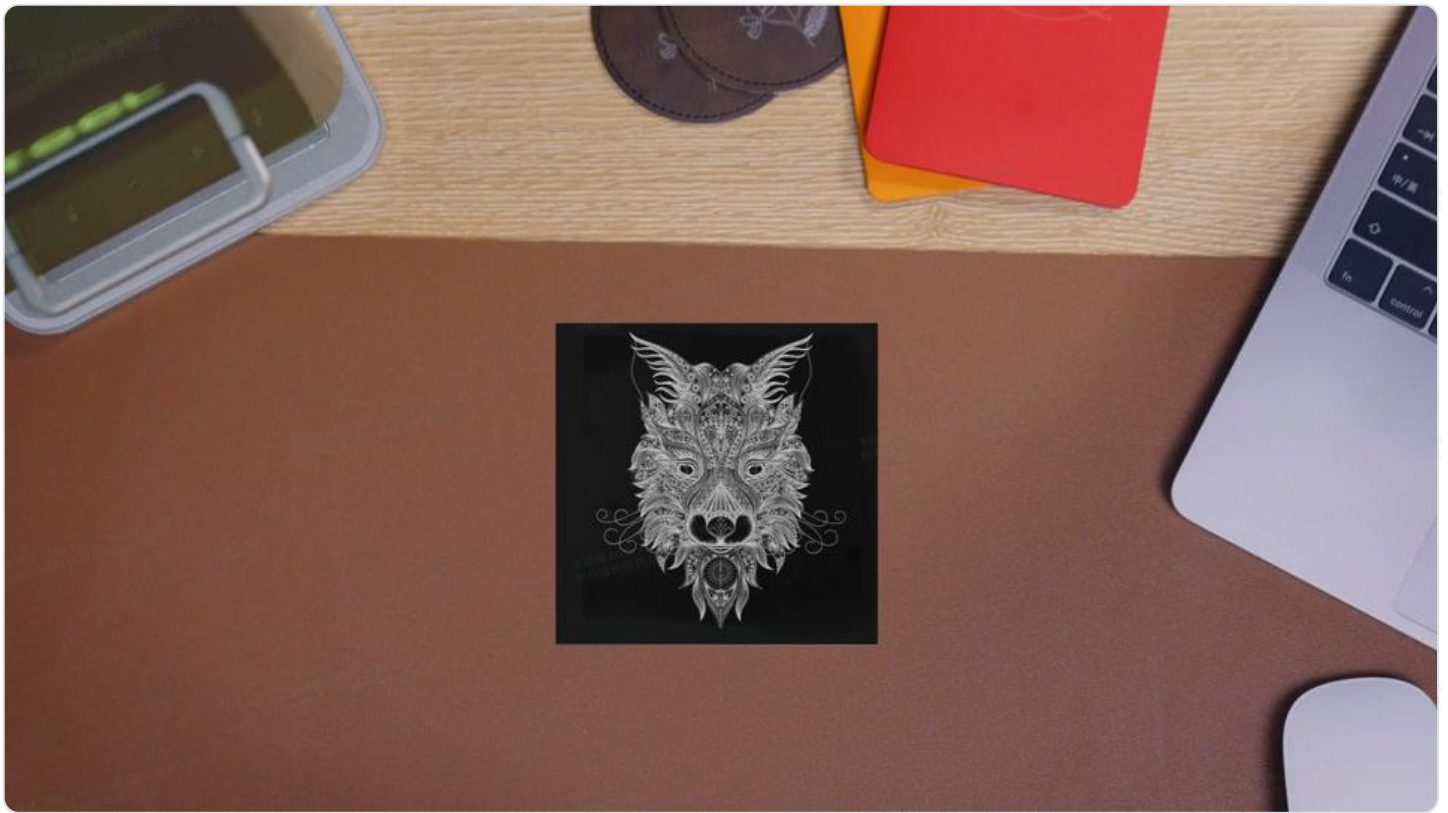
4. Lossless Printing Quality in House



Manual Detail Test



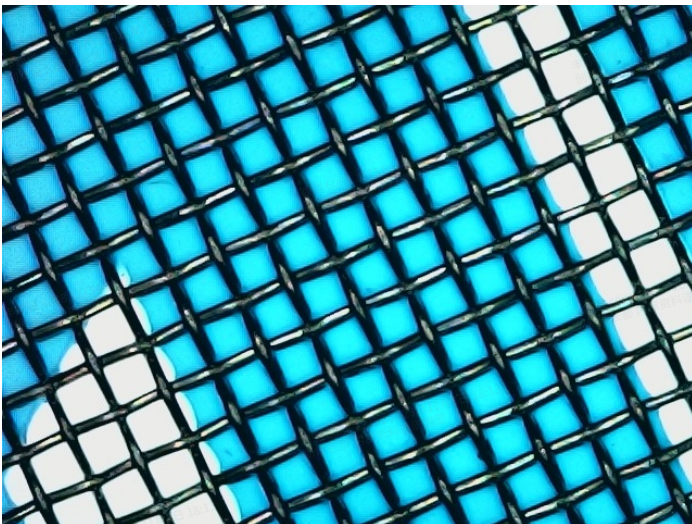
The Detail Challenge of Laser Printing



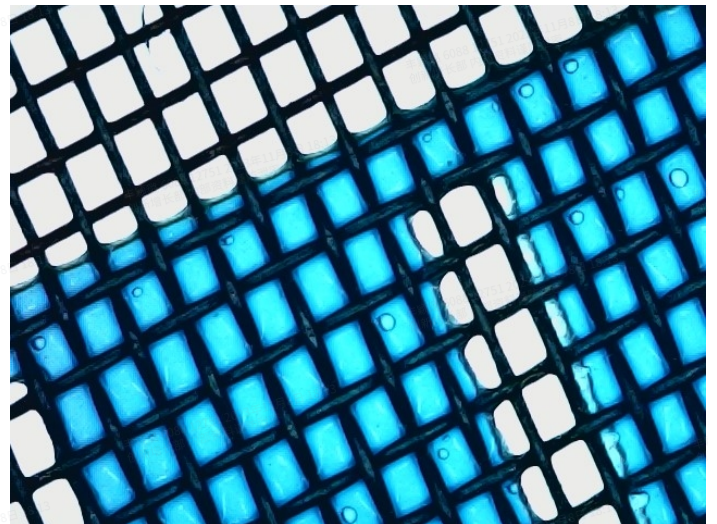
Industrial-grade Precision in House

- $<0.0036\text{mm}^2$ Extreme Laser Spot
- 0.01mm Motion Accuracy

Paired with the D1 Pro, featuring an ultra-precise $<0.0036\text{mm}^2$ Laser Spot, experience lossless precision in stencil making. With 0.01mm movement accuracy, the laser focuses perfectly, paving the way for engraving intricate designs with unmatched clarity.



Industrial-grade

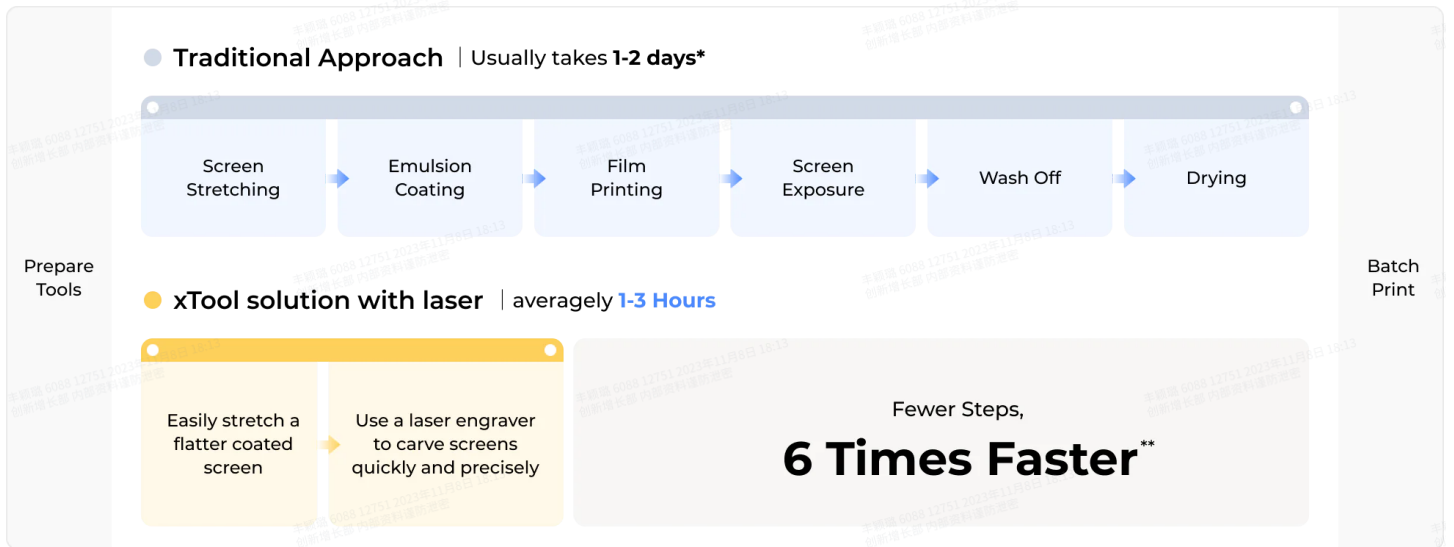


Laser Printing



5. Directions




- Process Comparison



**The calculation of '6 times faster' is derived from multiple replications in the xTool labs, where we averaged comparisons against common solutions available on the market.

*Average durations are derived from mainstream screen printing forums comparing steps and corresponding time consumption for at-home screen printing; screen stretching averages about one hour, emulsion coating is commonly recommended overnight, and film printing, screen exposure, wash off, and drying typically require 1-2 hours.

What's in the box

	 Basic Kit	 Multi-color Kit	 Laser Combo
Screen Printing Press	1	1	1
D1 Pro Diode Laser Engraver	/	/	1
11.5" x 16" EasyStretch Frame	1	4	4
11.5" x 16" Coated Screen	3	12	12
Magnetic Board	1	1	1
9" x 5" squeegee	1	1	1
8" x 0.8" ink spatula	1	1	1
Water-based Ink Set	1	2	2
Frame Fixing Piece	/	1	1
Storage Box	1	1	1

Shipping list

 United States	 Ireland	 Malta
 Canada	 Greece	 Netherlands
 Australia	 Spain	 Austria
 United Kingdom	 France	 Poland
 Japan	 Croatia	 Portugal
 Belgium	 Italy	 Romania
 Bulgaria	 Cyprus	 Slovenia
 Czech Republic (Czechia)	 Latvia	 Slovakia
 Denmark	 Lithuania	 Finland
 Germany	 Luxembourg	 Sweden
 Estonia	 Hungary	