

User Guide: Glowforge Plus 3D Laser Printer



What is it?

The Glowforge Plus uses a beam of light to cut, engrave, and shape designs from a variety of materials. Onboard cameras show a preview of your design on whatever material you choose. You can sketch a design with pad and paper, use your favorite photo, upload a design from the software you already know, or use a digital design you love.

- [Glowforge Plus](#)

What can I do?

Glowforge Plus can print objects using hundreds of materials like leather, acrylic, hardwood, fabric - items you can find just about anywhere!

- [How will you use Glowforge?](#)

What does the Makerspace provide?

Glowforge Plus

Material Capability	Computer and Software
<ul style="list-style-type: none">• 19.5" by 11"• Maximum material height: 2" (50mm)	<ul style="list-style-type: none">• Drag-and-drop with live camera preview• JPG, PNG, SVG, PDF, and more
Hardware	<ul style="list-style-type: none">• Internet access• Microsoft Office Suite
Dual cameras: wide angle & macro	
<ul style="list-style-type: none">• Custom 40W• Precise to 1/1000th of an inch• Full autofocus	

Note: Your design should be prepared before your reservation.

What do I need?

- A reservation
 - Reservations are limited to one-hour
- A [design](#) saved on a USB drive or cloud service
- [Materials](#) to cut or engrave. Glowforge can cut wood, fabric, leather, paper, Plexiglas (acrylic), rubber, and more laser safe materials.
 - Maximum size 19.5" x 11"

There is **no cost** to use the machine. The library **does not sell** materials to use with the laser cutter. Always bring extra materials since laser settings are not standard for all materials.

*Materials must be verified as laser compatible by the library to be approved for use with the Glowforge. Users may not bring in unapproved materials for laser cutting.

*No types of foods will be approved material for use with the laser cutter.

Learn

- [Glowforge Safety](#)
- Submit your questions to the [Glowforge Community](#)
- Find [project tutorials](#), project ideas, and more.

Reserve the Glowforge Plus

[Reserve](#)

- Call (985) 447-4119 or email thibodaux@lafourche.org about your reservation
 - Reservations are held for 15 minutes after start time.
 - Cardholder must be present during reservation.