



GLOWFORGE CRASH COURSE

WHAT IS A GLOWFORGE?

- ▶ A Glowforge is a user-friendly desktop laser cutter and engraver that uses a precise beam of light to cut, engrave, and score materials like wood, acrylic, fabric, and leather. It acts like a 3D printer, transforming digital designs into physical objects by cutting or etching with high precision. It requires an internet connection, operates via a browser, and includes a built-in camera for easy, live-preview design alignment.

DIFFERENT GLOWFORGE MODELS

- ▶ **Glowforge Spark/Aura:** Compact, 6-watt diode laser for home crafters.
- ▶ **Glowforge Plus/Pro:** More powerful 40-45W lasers for higher speed and thicker materials, with the Pro featuring a "passthrough" slot for longer materials.



\$699-\$999



\$6999-\$7999

FILTERS?

- ▶ All Glowforge models must be vented outdoors or be connected to a dedicated Glowforge filter.
- ▶ The filter captures 99.9% of particles and fumes: Features advanced activated carbon technology to trap harmful particles, smoke, and odors from your laser engraver.



Even with a filter, you will still have a campfire smell in the space where the Glowforge is located. If you're sensitive, you may want to wear a mask while it's operating.

WHAT CAN THE LIBRARY'S GLOWFORGE AURA **CUT?**

Glowforge recommends using Aura-compatible Proofgrade® materials for smart settings and perfect results. Proofgrade materials are specially sourced and lab-tested for creating prints safely at home.

BUT

You can also cut the following materials:

Wood, Acrylic (1/16 inch), Veneer, Paper, Cardboard, Delrin, Mylar, Rubber, Cork, Leather, PU Leather, Sandpaper, Fabric, Food & more.



CAUTION:
Laser cutting
or engraving
vinyl will
immediately
destroy your
Glowforge!

WHAT CAN THE LIBRARY'S GLOWFORGE AURA **ENGRAVE?**

Glowforge recommends using Aura-compatible Proofgrade® materials for smart settings and perfect results. Proofgrade materials are specially sourced and lab-tested for creating prints safely at home.

BUT

You can also engrave the following materials:

Everything you can cut PLUS, Stone, Slate, Titanium, Aluminum, Marble, Ceramic Tile, Corian & more.

WHAT CAN'T YOU USE IN THE GLOWFORGE AURA?

- ▶ White, Clear, and Blue Acrylic
- ▶ Glass
- ▶ Soft metals like Gold, Silver, Brass & Copper
- ▶ Vinyl of any type, including PVC
- ▶ Mirrors
- ▶ Draftboard/MDF
- ▶ Leather treated with chemicals
- ▶ Galvanized metals
- ▶ Non-flat materials
- ▶ Materials over $\frac{3}{4}$ inch high

EXAMPLES OF GLOWFORGE PROJECTS

- ▶ [Acrylic Designs](#)
- ▶ [Anodized Aluminum](#)
- ▶ [Fabric](#)
- ▶ [Leather](#)
- ▶ [Paper](#)
- ▶ [Plywood](#)
- ▶ [Slate](#)
- ▶ [Wood](#)