



Vector Cutting + Engraving

Resources

Epilog Laser Mini

The Launch Pad has an Epilog Laser Mini available to patrons for learning and entertainment purposes. The machine is free to use; the only potential costs are those of materials purchased from the Launch Pad which will be charged to your library card at the time of purchase. Anyone with an Illinois library card registered at the Indian Trails Library may use the Launch Pad equipment and Launch Pad purchase materials.



Equipment Use + Project Preparation

Only Launch Pad staff members will be permitted to operate the Epilog Laser Mini. If you are interested in creating something with the laser engraver, you are responsible for bringing the vector file (see below for specific file types) you wish to engrave, in addition to providing or purchasing the materials to engrave on. If you would like assistance in preparing a vector file, please set up an appointment with a staff member through the *Book a Maker* form on the Launch Pad webpage.

Basics

- 60 Watt Laser
- Max. Material Size: 12" x 24"
- Max. Cut Thickness: 3/8" (9.5mm)
- Rotary Tool Attachment

File Types

- .svg
- .dxf
- .ai

Recommended Software

- AutoCAD
- Adobe Illustrator
- Boxy SVG Editor
- Corel Draw
- Inkscape*
- RollApp*
- SVG-Edit*
- Vectr*
- Gravit Designer*

Online Vector Graphic Communities

- Freepik*
- Vecteezy*
- Vexels*

Learning Resources

Lynda.com (a library provided database)

Epilog Website (<https://www.epiloglaser.com/resources/laser-resources.htm>)

Materials

All member-supplied materials must be approved by Launch Pad staff prior to use in the Epilog Laser Mini. Materials with glues or toxins including plywood and PVC cannot be used. Email dmsforms@itpld.org with specific material information prior to purchase.

Material	Etch?	Cut?	Launch Pad Material	Full sheet / Item	Per in ²
Acrylic	Y	Y	1/8" Translucent or Opaque (various colors)	\$5 (12"x12")	10¢
Anodized Aluminum	Y	N			
Cork	Y	Y		\$1.50 (12"x12")	
Glassware	Y	N	Pub Glass	\$1	
			Mug	\$1	
Leather/Fabric	Y	Y			
Mat Board	Y	Y			
Rubber Stamps	Y	Y			
Wood	Y	Y	1/4" Cherry, Maple, or Walnut	\$19 (12"x24")	10¢
			1/4" Alder	\$7 (12"x24")	5¢

* free open-source options