

# Vector Cutting + Engraving: Epilog Laser Mini

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## Equipment Use and Project Preparation

- Free to use
- Cost for materials purchased in The Launch Pad will be charged to your library card at time of usage
- Available to anyone with an Illinois library card registered at the Indian Trails Library
- Only staff may 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) to engrave and providing or purchasing the materials needed.
- Assistance in preparing a vector file is available through the [Book-a-Maker form](#).



## Basics

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

## File Types

- .svg (preferred)
- .ai
- .png (duotone)

## Recommended Software

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

## Online Vector Graphic Communities

- Freepik\*
- Vecteezy\*
- Vexels\*



## Learning Resources

[Lynda.com](#) (an ITPLD card required)

[Creativebug](#) (an ITPLD card required)

[Epilog Website](#)

## 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](mailto:dmsforms@itpld.org) with specific material information prior to your visit.

Material	Etch?	Cut?	Launch Pad Material	Full sheet / Item	Per in <sup>2</sup>
Acrylic	Y	Y	1/8" Translucent or Opaque (various colors)	\$5 (12"x 12")	10¢
Anodized Aluminum	Y	N			
Cork	Y	Y		\$1.50 (12"x 12")	
Glassware	Y	N	Pub Glass	\$1	
Leather/Fabric	Y	Y			
Mat Board	Y	Y			
Rubber Stamps	Y	Y			
Wood	Y	Y	1/4", 1/8", 1/16" Cherry, Maple, or Walnut	\$19 (12"x 24")	10¢
Wood	Y	Y	1/4", 1/8", 1/16" Alder	\$7 (12"x 24")	5¢

\* free open-source options