



# EPILOG PULSE FEATURES

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Epilog Pulse is a web application designed to run in a modern web browser. While it shares similarities with the Epilog Software Suite, it is not intended to be a full replacement. The primary goal of this initial release is to enable the processing and sending of common file types to a laser machine from a variety of operating systems without the need for additional software installation.

## Accessing

Retrieve the machine's IP address from Settings > Network on the touchscreen interface. In Chrome, Edge, or Safari, enter http://IP Address. For example: http://192.168.3.4

## Supported Machines

- Fusion Maker
- Fusion Edge
- Fusion Pro

## Supported File Types

SVG, GIF, BMP, JPEG, PNG, TIFF

## Supported Features

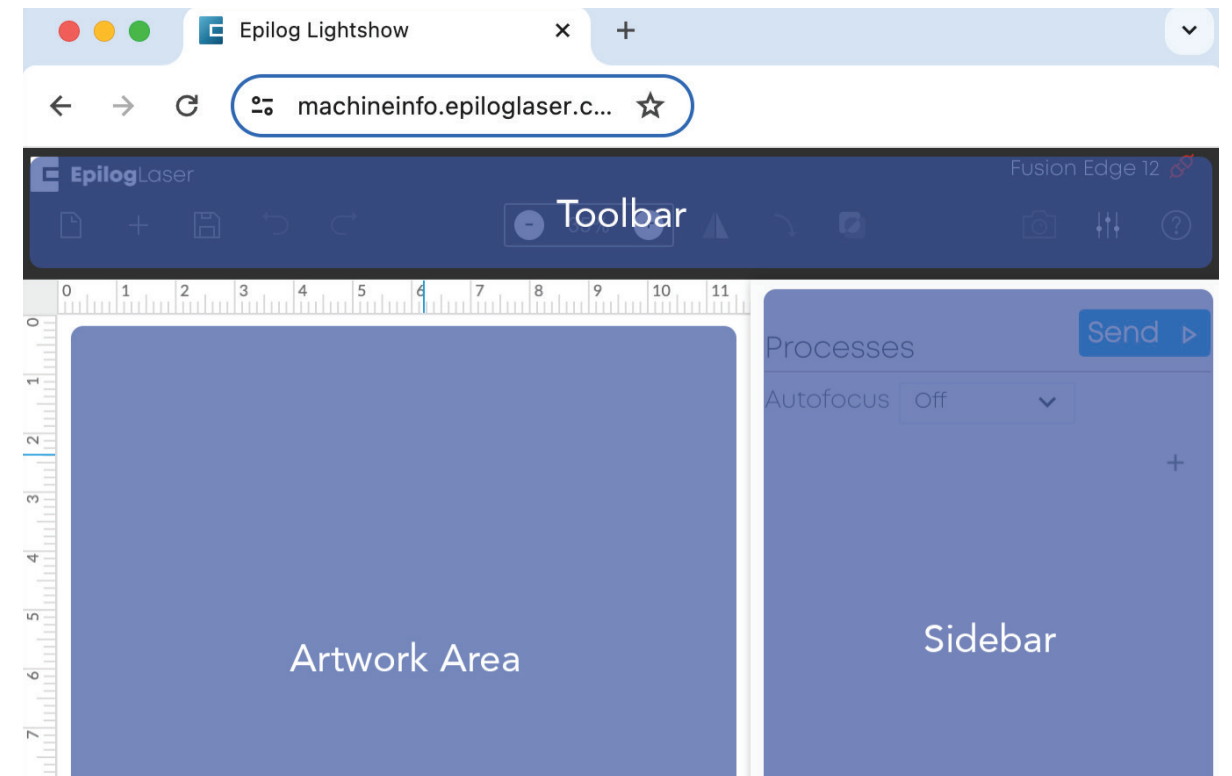
- Camera system
- 3 Jaw rotary
- Rim style rotary
- Centering point

# EDITING

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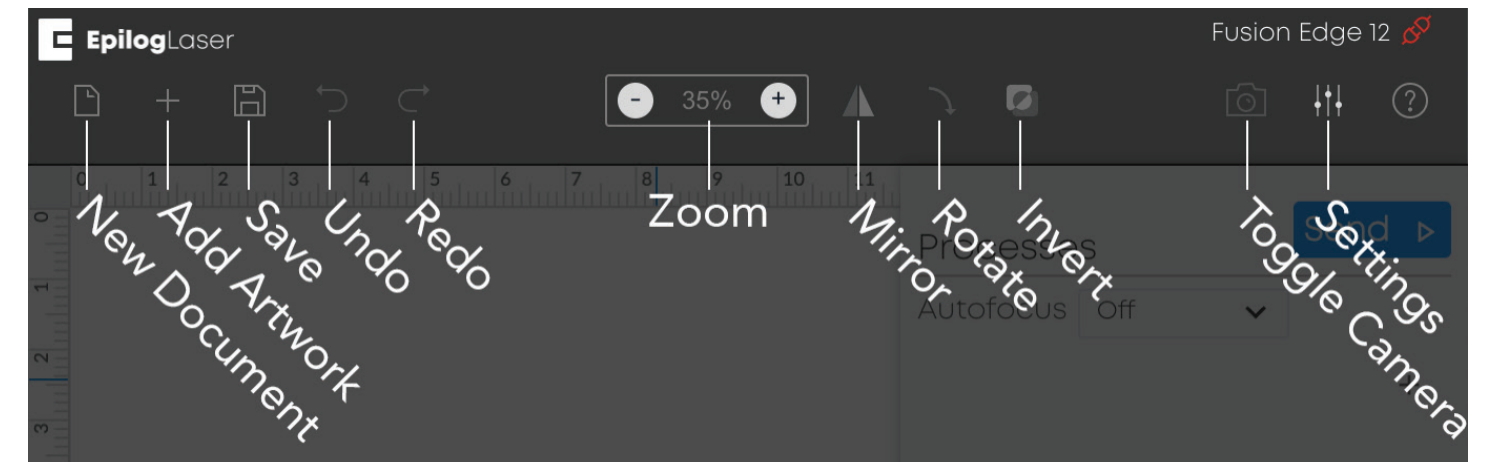
The UI is comprised of 3 main sections: The Toolbar, Artwork Area, and Sidebar.

The Toolbar houses controls for file loading, canvas control, artwork control, and settings that pertain to the current document as a whole.



The working canvas is shown inside the Artwork Area and its size is set to the dimensions of the connected machine. The canvas is represented by a white rectangle. Artwork placed outside of the canvas rectangle will not be sent as part of job data.

The sidebar, located at the right of the window, is where you will find the Send button to send jobs, the current autofocus setting, and the process list. Each process shows a thumbnail and summary of its current settings and clicking on an individual process will expand a view showing all settings for that process. Processes can also be reordered by dragging them to a new location inside of the list.



## Keyboard Shortcuts

- Nudge Selection – arrow keys
- Grab Canvas – Spacebar + left-click drag
- Delete Selection – Backspace/Delete
- Copy
- Paste

## Opening Files and Adding Artwork to the Artwork Area

The first 2 buttons in the toolbar are for opening files. The first option is the “new document” option, which resets the document state, adds the file contents to the artwork area, and autogenerates processes based on hairlines/fills automatically.

The second option adds the contents of a supported file type into the current artwork area and does not clear and existing artwork or processes.

## Saving documents

Clicking the save toolbar icon will trigger a download of an .epi file. EPI files contain the artwork area as an SVG and all process/job information.

While the save file generates SVG data that can be read by any application, this data should not be edited by any external applications. If the SVG data is modified by an outside program it is very likely to remove extra data needed to link elements to process definitions and render the save file corrupt.

## Undo/Redo

These buttons allow you to navigate forward and backward through the current document undo state. Artwork and process changes are tracked in the undo state.

## Copy/Paste

Keyboard shortcuts can be used to copy a selected artwork item and paste.

## Zoom Control

Shows the current artwork area zoom level.

## Mirror

Flip the selected element in the artwork area.

## Rotate

Rotate the selected element in the artwork area +90 degrees.

## Invert

When a non-vector element is selected in the artwork area this allows you to invert the image colors.

## Camera System

When available, will toggle the camera system on/off.

## Settings

Units, rotary setting, job alignment

## Help

Send a diagnostic report about the web application to Epilog.

## Machine Status

Shows the machine configuration for the document as well as a green or red icon depending on the connection status.

## Navigating the Artwork Area

Zooming can be done from the toolbar control or with the mouse wheel while the cursor is inside the artwork area.

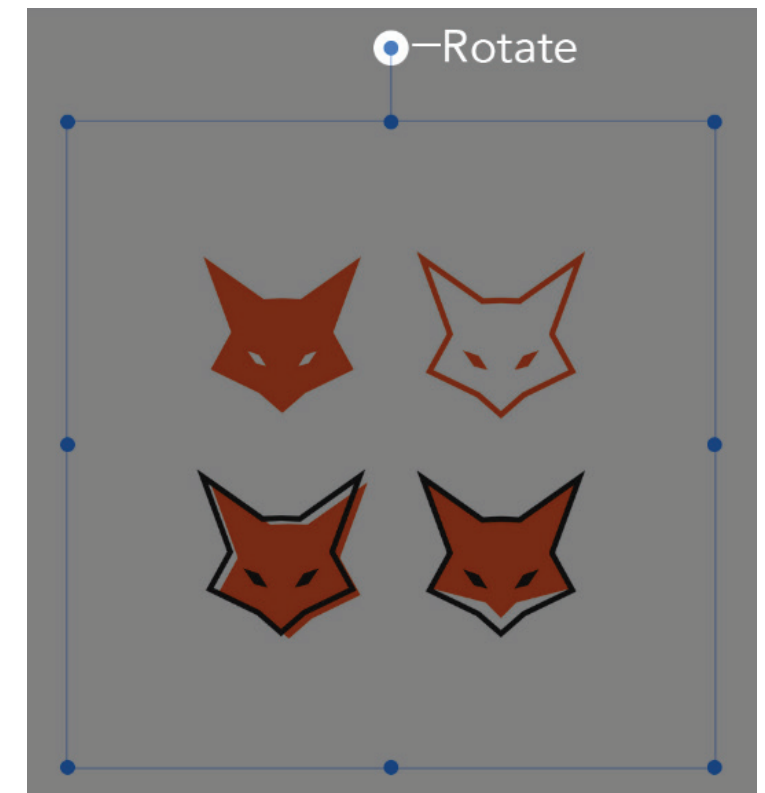
Moving around the artwork area while zoomed in can be achieved by holding the spacebar and left-click dragging.

## Manipulating Artwork

When an item is selected in the artwork area, you will see a bounding box and 9 blue drag handles. The handles at each corner and between allow you to resize the selected element(s). Dragging with the corner handles will constrain to the current aspect ratio of the selection. You can also rotate the elements with the offset drag handle.

## Ungrouping Artwork

When a file is added to the artwork area all elements will be grouped. To ungroup, right-click on the group and a context menu will open with the ungroup option.

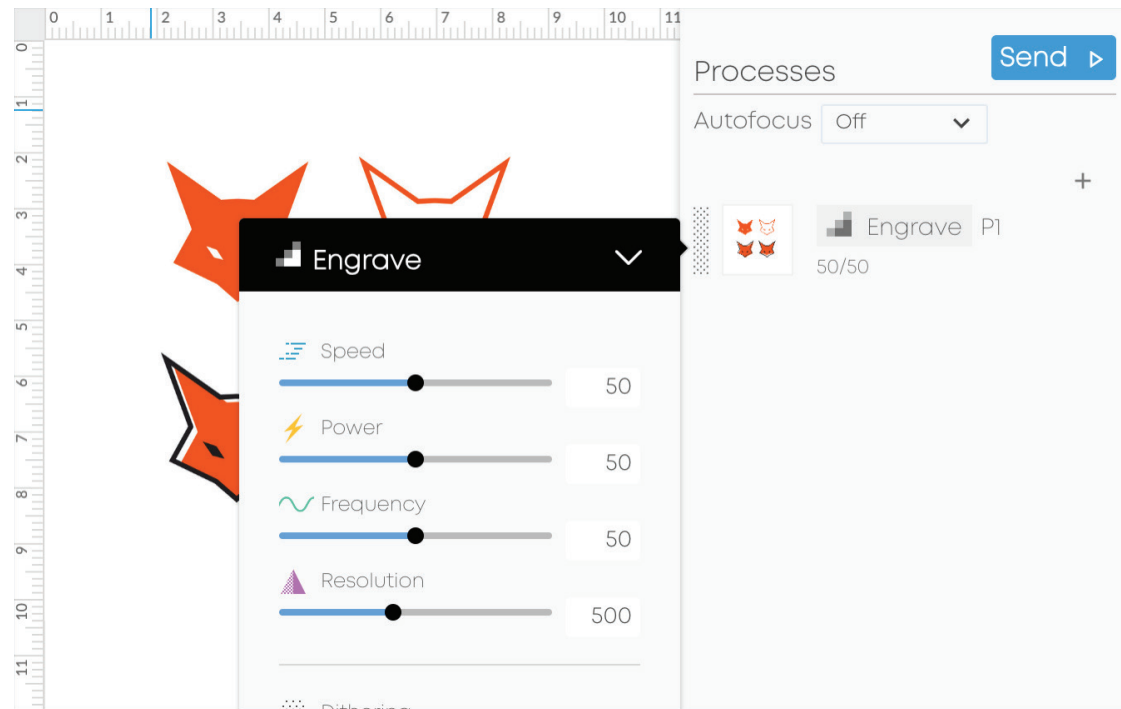


## Removing Artwork

Press Backspace or Delete while an artwork element is selected.

## Editing Process Settings

To view and change settings for a process click it in the right sidebar. A process settings view will appear to the left of the process.



## Changing Process Types

In the process settings view click inside the black header and choose a new type.

## Splitting Processes

At the bottom of the process settings view click the Split button and choose either Hairlines or Color from the menu.

## Merging Processes

With more than one process in the sidebar, click the Merge button at the bottom of the settings view and select a process from the list to merge with.

## Reordering Processes

To reorder processes, click and drag them inside of the sidebar.

## Creating a Process from a Selected Element

You may want to move certain elements into their own process. To do this, click the "+" icon in the Top-Left of the process sidebar while an artwork element is selected. This will remove the selected elements from any existing processes and create a new process which they will be assigned to.

## Sending Jobs

Once your processes are set up click the blue Send button at the top of the right sidebar. A status bar will appear at the bottom of the screen displaying job generation progress. After the job generation is complete it will be sent to the connected machine automatically.

# SETTING OPTIONS

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## Table Attachment (Rotary)

Set to None for a non-rotary job or to rim/3-jaw rotary.

## Align to Centering Point

Toggle on to have your artwork run in relation to the centering point set on the laser machine.

# TROUBLESHOOTING

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## HTTPS Instead of HTTP

The web application will only work over http

## Browser

Check what browser they are using. If it's not Chrome, Edge, or Safari see if switching to a different browser solves the issue.

## Same Network?

If the devices IP addresses have different numbers for the first 2-3 segments of their IP address they may be on isolated networks. This is not always the case, if the software suite was working fine from the same machine, the problem is probably not due to the IP address.

