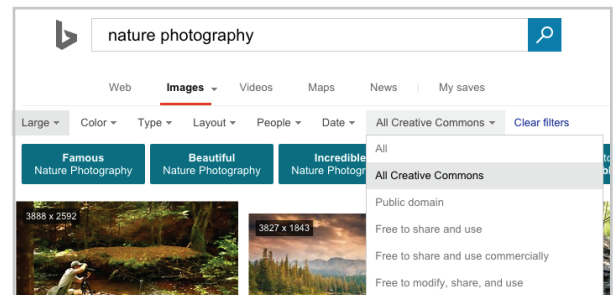
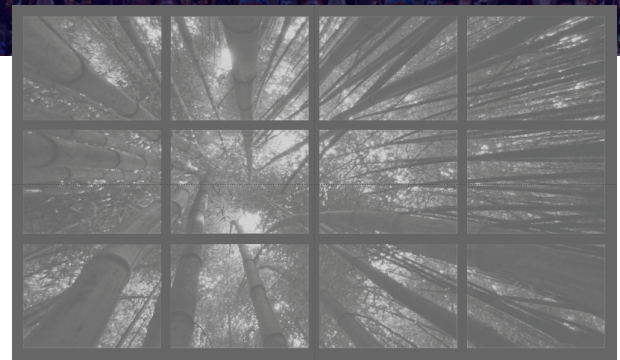


Tiled Lithopane Project

This is a fun and simple way to add some dynamics to your lithopane projects. We will split our chosen photograph into multiple tiled pieces and carve them individually. These pieces can then be reassembled into one larger image and displayed.

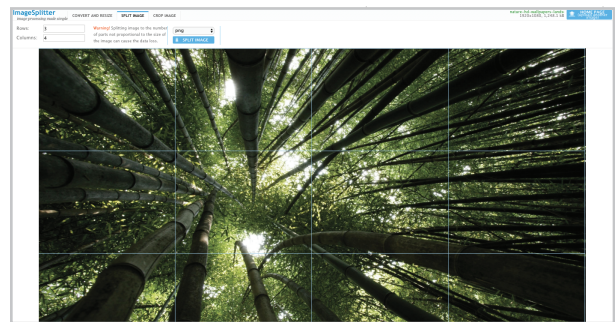
STEP 1

Find a the photo you wish to carve. There are many sources for images if you don't have one of your own. I found this image through a Bing images search. I use the Filters to search only large images under the creative commons license. This ensures the image will have enough resolution to be reproduced and I can legally do so. Once you have selected your image click on it to view the source image and download it.



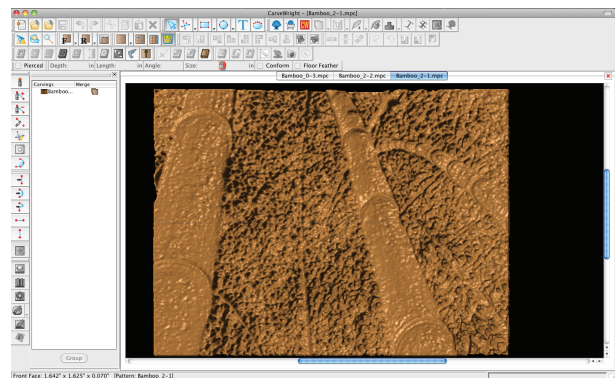
STEP 2

I found a website that splits the image into as many tiles as you like. (imagesplitter.net) The site is really easy to use. Upload your image and then specify how many rows and columns you wish. When is is set, click the spit image button, and it will download a zip file with all the images.



STEP 3

Import each image into the CarveWright Project Designer Software. The importer is found under File/Import/Import Image. Save each image into your Favorites folder.

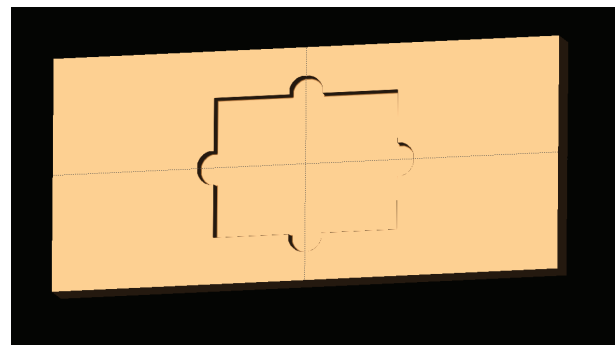


STEP 4

Once each image is imported, create a new project with the desired size of the individual tiles. In this example, the tiles are 3"x4"x.25". Place the image pattern on the project board and resize it if necessary to fit all the way to the edges. Then change the depth to .18" and set bit optimization to best. If you are using Project Designer PRO and have the 1/32" bit, go under go to the edit menu and select "Board Settings". Click the Pattern Bit tab and change to 1/32" Carving Bit. This bit carves with much finer detail and is ideal for lithopanenes. Save each tile with these same settings, and upload them to the memory card.

STEP 5

Design a jig for carving the lithopanenes. I drew a rectangle the same size of litho pieces (3"x4"x.25"), and added some finger holes on the edges for easy removal of the finished pieces. I prefer double stick tape to hold the corian down and if needed use masking tape along the top edges. Then load it into the machine and carve them out one at a time.



For more detailed lithopane carving instructions see our tutorial in the learning guide.