



How to Create Half-Tones on AlumaMark

a little background info

There are three standard marks on AlumaMark - Black which is ideal, Charcoal (overmarked) and brown/red (undermarked). Half-Tones are created by lasing one of two ways, depending on the driver:

1. The laser fluctuates the power and undermarks the lighter colors to create the light brown or red marks on AlumaMark. or
2. The laser creates a stipple pattern by lasing black dots in a series to give the appearance of halftones - similar to black and white newspaper prints.

file types

There are two types of files which can be lased - raster images (jpeg, tiff, bmp...) or vector (eps, Corel...). Both can yield the same result, but vector images can be controlled/modified easier for an ideal end result. Because greens, blues and reds can look similar in black and white, higher contrast images yield a better final product.

how to setup your laser

Creating the half-tone is easy because the laser does all of the work. The laser setting to create these stunning half-tones typically is in the advanced menu, and is activated by clicking on the "3D" or "Error Diffusion" buttons. AlumaMark does not yield a perfectly even gradation, some color changing in the file may be needed if the final result is not ideal.

