

July 01, 2011



...laser university's monthly newsletter

Greetings:

I have two things to discuss this month. They are exciting for different reasons. One will help you to market your business (for free) and the other will help you to create in better products!

This first one is actually outside of LaserUniversity but works well in conjunction with us. It is available on the LaserBits website:

http://www.laserbits.com/index.php?main_page=index&cPath=77_556

(You can also find the link by going to laserbits.com and clicking on Sales & Production Tools in the left column.)

This link showcases two great tools. One is called Laser Places. This website displays all of the wonderful LaserBits sells but it is distinctively different. It does NOT offer pricing, ordering options or links to LaserBits. This is a great way to show your customers the products you offer without having to create your own website.

The other are free marketing flyers. They are already designed beautifully with product images. All you need to do is enter in your company information at the bottom and print!

Laser Spotlight

Each month we showcase an item, product or skill from LaserU. We give a summary of the item and provide links for more information. This month we will look at the **Settings Calculator**.

The calculator has been updated to include CerMark, AlumaMark, updated settings directly from each laser manufacturer and new lasers have been added.

Each laser is available in several wattages and in multiple substrates. When these items are selected the speed & power settings are displayed along with any available tips.

Settings Calculator for Engraving

In the results below will be suggested power, speed & resolution settings for the engraving job.

Tip: When adjusting settings, a good rule is to adjust either the power or the speed. Having less variables will help to find the optimum settings faster. Also, keep the power setting as low as possible. Power settings that are too high can melt and distort many materials.

Epilog Zing 35 CerMark - metal

Calculate

Engraving Results:

Raster	100 Power	20 Speed	500 Resolution
Vector	-- Power	-- Speed	-- Frequency/ Rate

Tech Tip

CerMark is required for marking on metal. Not all metals use the same speed setting. Metals that are thick will require more heat energy and a slower speed. Softer metals, like aluminum and pewter also require more heat and slower speed.

If the CerMark is not bonding properly keep the power at 100 and keep reducing the speed until you get the desired effect. For some metals the speed may even go as low as 5.

For more information on this, see **the Settings Calculator**.

Please send questions and comments to laseru@laserbits.com

See you next month with our next **The Laser Engraver** Newsletter.

Kathryn