BOSSLASER™

Processing Mode Test Files
for LaserWORKS v8.01.07
(Engraving, Cutting & Scoring)

Before proceeding through this exercise, make sure you have the *latest version of LaserWORKS (8.01.07 & up)**. To prolong the life of the laser tube, *we do NOT recommend going over 85% power over long periods*. Doing so will reduce the life of your laser tube and its performance.
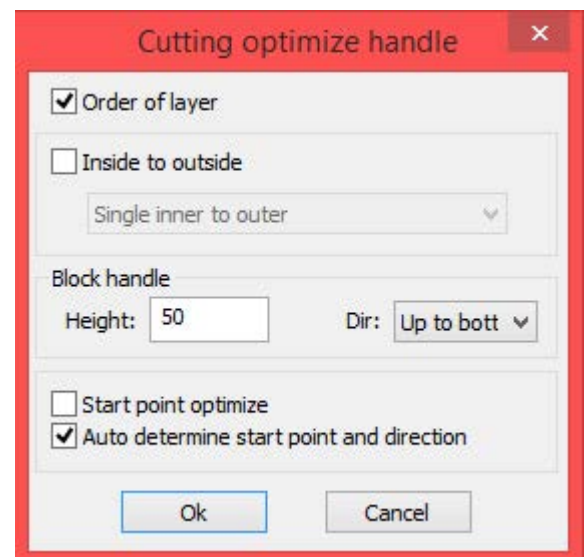
Cut Optimize Settings

This section must be completed before running the test files*

Open LaserWORKS with a new/blank file. To process the test files correctly in the order of the layers assigned to a given path, the **Cut optimize** settings will need to be configured. **Figure 1** shows on how to access that menu by clicking on **Handle(W)** located on the top toolbar, then selecting **Cut optimize**.
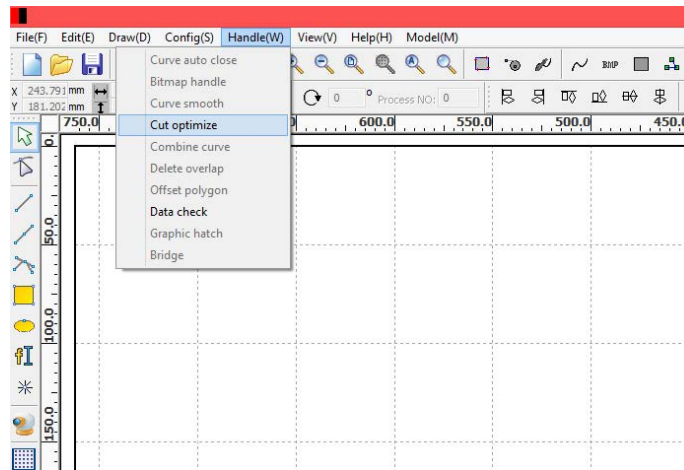
Figure 1. Accessing the Cut optimize menu.

Here, **Figure 2** illustrates on which options should be selected. The only options that need to be check so that the following test files can run properly is **Order of layer** and **Auto determine start point and direction**. Upon finishing this exercise, you may change back to any settings you had prior to this setup.


Figure 2. Cut optimize settings.

Find the latest version of LaserWORKS at www.bosslaser.com/laser-software. To uninstall the older version correctly, watch the tutorial video on how to do so from our BossLaser Youtube.

Engraving Test File

Now go to **File(F) > Open...** and locate the file **"*Engraving Test File.*"** Select and open the file to see a pre-made template with different layers associated with it's own power setting, as illustrated in **Figure 3**. There's no need to change any of the layers and settings since they are already configured correctly. If the image is larger than your sample material that you'll be testing on, you can resize the image (as a whole) to properly fit your material.

Finally, download the file to your machine by either using the **Download** button (using the Blue USB Cable) or the **SavetoUFile** button (using a USB Flash Drive). Make sure you autofocus (or focus with the focal guide if the autofocus feature is not available to you) the material and **FRAME** the image before running the file. For best practice, framing before running the file will help you align your image onto your material accurately and effectively.
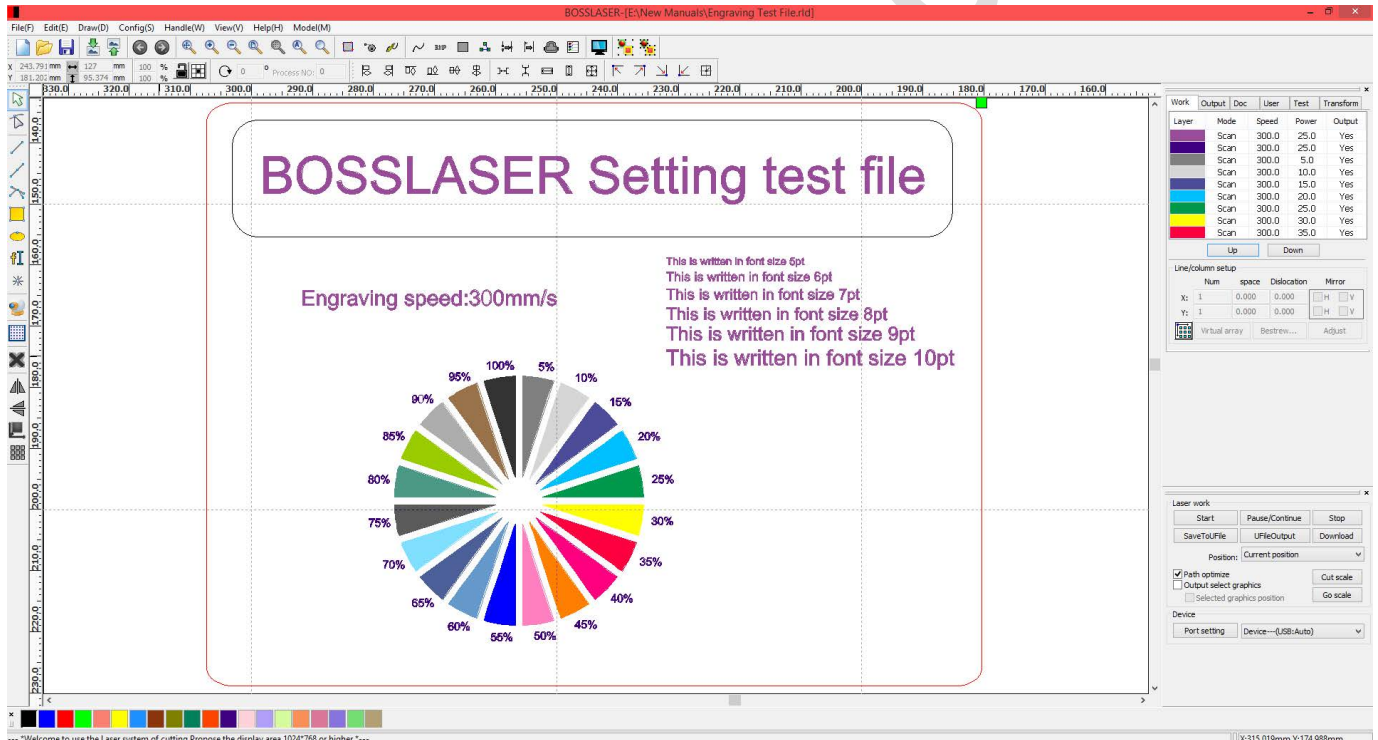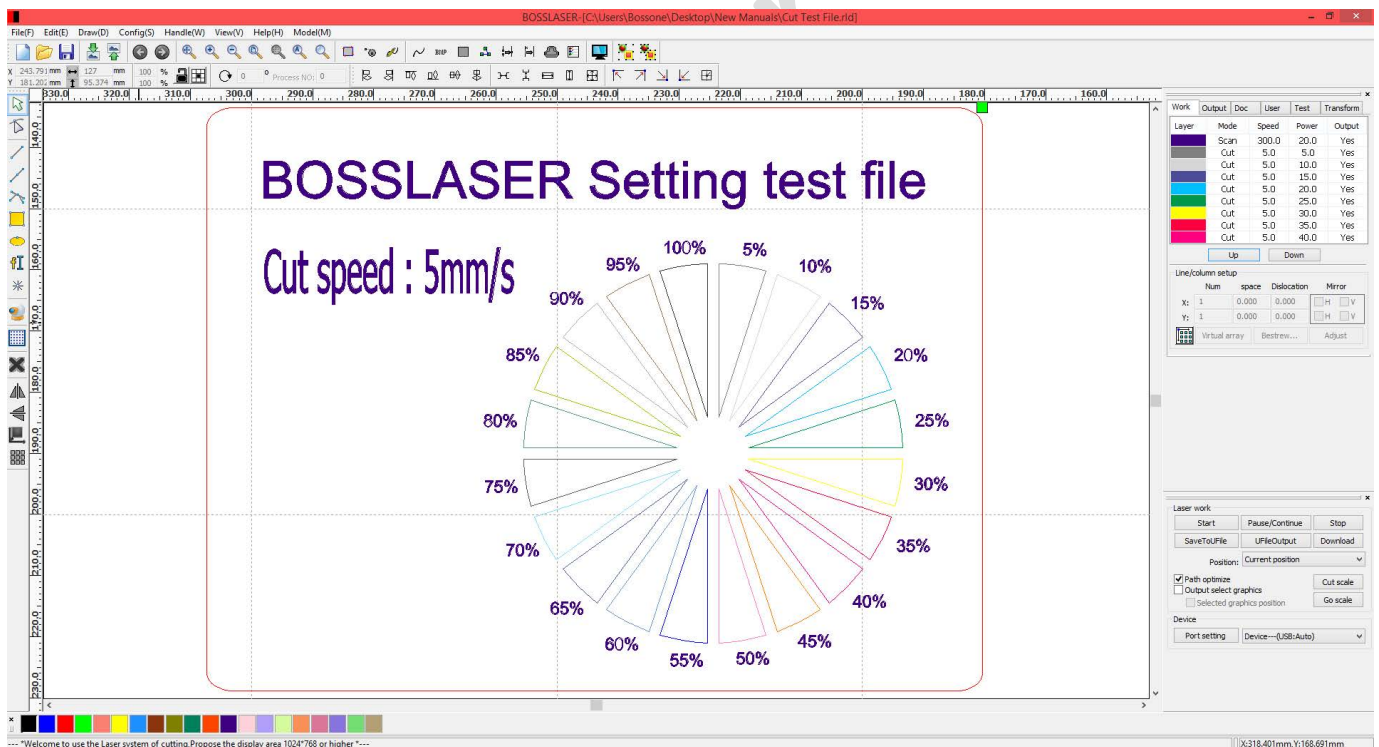

Figure 3. Engraving test file with different power settings @ 300 mm/s.

Cutting Test File

Go to **File(F) > Open...** and locate the file **"*Cutting Test File.*"** Select and open the file to see a pre-made template with different layers associated with it's own power setting, as illustrated in **Figure 3**. There's no need to change any of the layers and settings since they are already configured correctly. If the image is larger than your sample material that you'll be testing on, you can resize the image (as a whole) to properly fit your material.

Now, download the file to your machine by either using the **Download** button (using the Blue USB Cable) or the **SavetoUFile** button (using a USB Flash Drive). Make sure you autofocus (or focus with the focal guide if the autofocus feature is not available to you) the material and **FRAME** the image before running the file. For best practice, framing before running the file will help you align your image onto your material accurately and effectively.
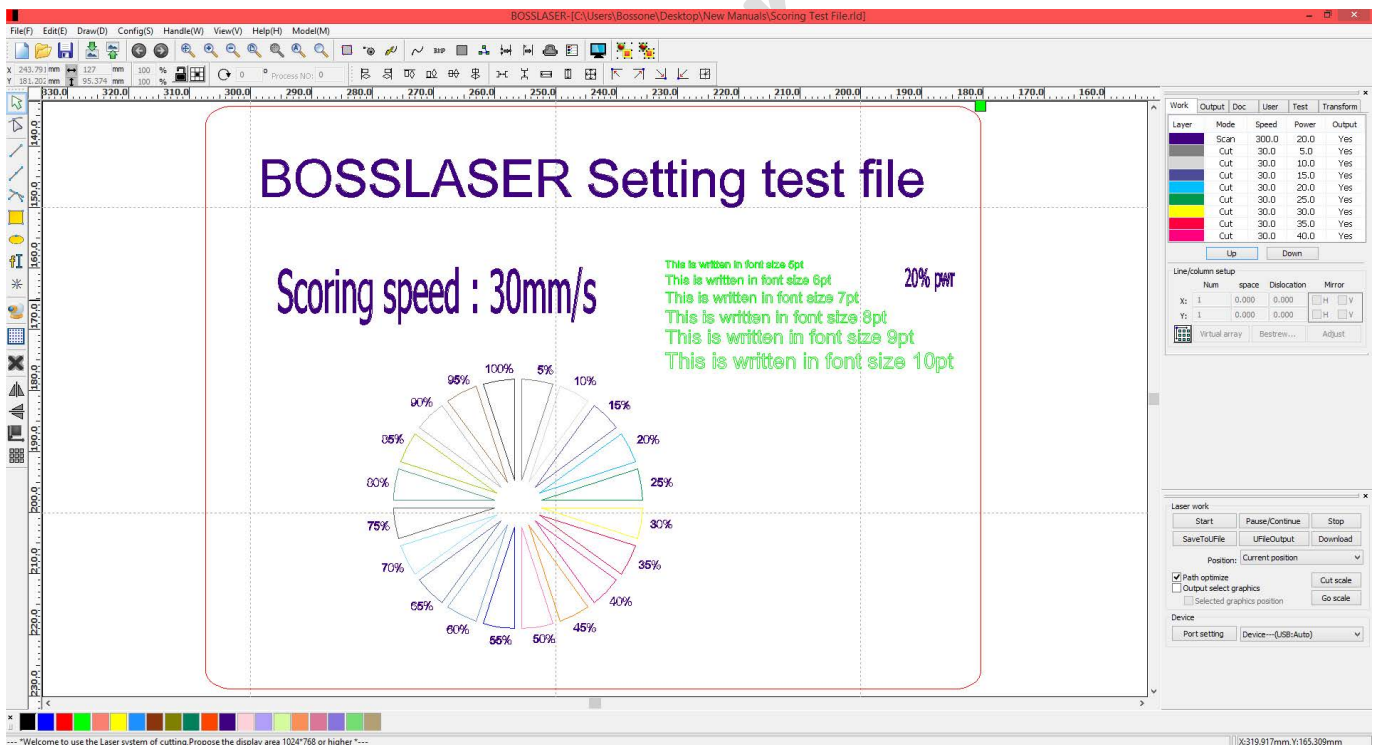

Figure 4. Cutting test file with different power settings @ 5 mm/s.

Scoring Test File

Go to **File(F) > Open...** and locate the file **"*Scoring Test File.*"** Select and open the file to see a pre-made template with different layers associated with it's own power setting, as illustrated in **Figure 3**. There's no need to change any of the layers and settings since they are already configured correctly. If the image is larger than your sample material that you'll be testing on, you can resize the image (as a whole) to properly fit your material.

Lastly, download the file to your machine by either using the **Download** button (using the Blue USB Cable) or the **SavetoUFile** button (using a USB Flash Drive). Make sure you autofocus (or focus with the focal guide if the autofocus feature is not available to you) the material and **FRAME** the image before running the file. For best practice, framing before running the file will help you align your image onto your material accurately and effectively.

Figure 5. Scoring test file with different power settings @ 30 mm/s.