



PART II

GRAVOSTYLE5-LASER TUTORIALS



1.0 – TUTORIAL INTRODUCTION

Most truly great software programs that are the leaders of their genre share three characteristics.

First, they have a large number of powerful features, but you don't have to learn them all to be productive. You can begin with just some basic concepts, turn out beautiful jobs and later add to your knowledge as you go. The benefit: what would otherwise be an intimidating learning curve becomes much, much easier and you can achieve professional results right from the start.

Secondly, there is usually more than one way to do many tasks. This gives you flexibility and lets you use the best tool for what you want to do.

Third, you can be confident that when you encounter new and different jobs in the future, the program will meet the challenge and provide the tools that you need.

GravoStyle5-Laser is such a program - it's the premiere software program for laser engraving. It has an enormous catalog of features, but the beginner can be productive right away. It provides you with several ways to accomplish many of the tasks that you'll want to do, and you can choose the way that best suits your work style and the requirements of the job. As you gain experience with the program, you'll find that you'll be able to do a tremendous variety of jobs with ease and power.

This tutorial starts with some basics and shows you how to use GravoStyle5-Laser to laser engrave common types of jobs that you'll encounter. It's organized to have you add skills as you go and to give you a smooth introduction to the power of GravoStyle5-Laser. The topics that are covered are:

Section 3 – Engraving Text On A Colored Steel Plaque

- How to tell GravoStyle5-Laser the size of our material
- How to work with Automatic Text
- How to edit text
- How to use different view modes
- How to open GravoStyle5-Laser's table driver window and make basic engraving settings



Section 4 – Engraving Text And A Barcode On Alumilaz

- How to use guidelines
- How to snap to guidelines
- How to use manual text mode
- How to access and use alignment tools
- How to access GravoStyle5-Laser’s “Special Tools”
- How to design a bar code

Section 5 – Engraving Text And A Variable Barcode On Alumilaz

- How to work with variable data
- How to work with the Multi-Copy (matrix) tool
- How to use the right mouse button for zooming
- How to use GravoStyle5-Laser’s alignment tools

Section 6 – Legend Plate on Gravalase with Logo and Text

- How to import a logo.
- How to properly raster fill a vector logo.
- How to make use of the bounding boxes around a selection.
- How to select fonts.
- How to change the color of a graphic element.
- How to set optional engraving methods by means of color settings

Section 7 – Making A Pen Fixture For Engraving Pens

- How to use layers in our designs.
- How to use the Geometrical Shapes tool pallet.
- How to use the Duplication Tools Pallet.
- How to design scales and rulers.
- How to design and engrave cutouts in materials.
- How to engrave in multiple passes.

Section 8 – Engraving Pens

- How to apply an engraving fixture to correlate the location of our work piece on the table with its location in the design screen.
- How to apply the power of layers to designs.
- How to snap to elements in a different layer.
- How to set text properties.
- How to place text *exactly* where we want it.



- How to verify what we'll be engraving by using the "WYSIWYRE" tool.
- How to engrave only a part of a job design.

Section 9 – Acrylic Award

- How to design a job in an easily read orientation and engrave it in a different orientation.
- How to rotate objects with accuracy.
- How to accurately circumscribe circles around objects.
- How to make use of temporary construction rectangles and circles

Section 10 – Calibration Pattern

- The difference between typed text and "normal" graphics.
- How to convert text to curves.
- How to draw circles.
- The difference between a floating tool bar and a docked tool bar.
- How to use the "Proportional Scale" tool and how to change the center about which the scaling occurs.
- How to determine the proper power settings to use for an unknown material.

Section 11 – Peel-Off Adhesive-Backed Label

- How to enter fractions for numbers in text boxes.
- How to draw rectangles with rounded corners
- How to troubleshoot and correct vector logos with fill problems.
- How to access the "Point Mode" tool pallet and use the "Auto-Connection" tool.
- How to produce peel-off adhesive-backed labels.

Section 12 – Bitmap Graphic on Wood

- How to import a bitmap graphic file
- How to engrave bitmap graphic images
- How to use GravoStyle5-Laser's "Auto focus" feature
- How to access GravoStyle5-Laser's bitmap graphics editor