

## **LinkMotion and Gerber Artpath and Composer:**

After you install LinkMotion software and set up all settings launch Artpath software. We have done only very basic testing of a rectangle shape. We were also able to output basic rectangle shape using Gerber's Composer.

### **Important notes:**

Zero or thinnest line width and No fill are the most important things to remember when you are designing a file for Vector or line output. Line type of output is required by rotary tool machines like engraving, routing, and CNC. Do not fill shapes with bitmaps for any line or vector output. Raster or bitmap fills are used by laser machines. It is important to remove fill when you import scanned files.

Solustan's LinkMotion driver tests the primary function of accepting hairlines (vector lines) generated by popular application software packages for job design. It is important for the user to learn the job design software and to make sure that the jobs are properly prepared for successful execution of a job.

**Do not check Design Using Plate Size feature in LinkMotion Material properties.**

**Solustan's liability is limited to the purchase price of the LinkMotion driver software.**

It is necessary for the user to acquire the application that will be used for the job design. There are many books of various levels available for all these popular applications. This document is simply a guideline to point the user in the right direction. We welcome feedback from our users. Share your findings with us and we will include them here for all users benefit.

Following are helpful details for a user of Artpath design software:

### **(1) How to set Artpath for vector output?**

1. Go to Setup pull-down menu.
2. Select Material size
3. Make sure that the material size you select here is exactly same as the table size in LinkMotion.

You will get exact output. If the material size is smaller or larger, ArtPath automatically scales the job to fit the table size or print paper size.

Now, you need to figure out the following two things to complete your production process:

**A.** ArtPath creates an outline of the material size and it gets sent to the machine. You need to find and eliminate the outline of the material size. If you cannot eliminate, you need to make the line thicker. LinkMotion will process only the thin or hairlines and will ignore the thicker lines.

**B.** You need to find a way to hide the original design lines after you create tool offset lines. You need to send only the newly created lines with the offset. ArtPath does not know that it should not send the original lines when the job is printed. You could either design in another layer and only send the layer you want or you could temporarily remove the original lines or you could make the original lines thicker for LinkMotion to ignore.