

LinkMotion and FreeHand MX:

Install LinkMotion driver software, check all settings, and finally launch FreeHand application.

General notes:

In most cases, customers own their own computers and favorite applications. Popular applications are available with manuals as well as third party books, CD's for additional help.

This document is not a replacement for the above. It is simply a guideline with a few specific steps to make the application compatible with LinkMotion. We welcome feedback from our users. Share your findings with us and we will include them here for the benefit of all users.

Important pointers:

1. Design a job with **0.003 Point size line thickness for vector or line output to a CNC machine.**
2. Please, make sure that the design objects are unfilled. (Raster fill will confuse any vector output device like engraving or CNC machine)
3. All graphic shapes and fonts need to be ungrouped before sending job to the machine. Modify menu will allow you to ungroup your design.
4. Raster design may have fills and it is used mostly for the laser output in the raster mode.

Quick and Simple:

Launch Macromedia **FreehandMX** application.

Open a **New File**.

To the right and under **Properties** select **Document** tab.

Select **Custom** for your page size. Actually, here you will enter the working area of your machine.

At the bottom of the screen it shows Points for measurements. Select your preference like **Inches** or **Millimeters** or **Centimeters, etc.** This measurement should be the same as what you select in LinkMotion.

Next, go back to the **Properties>Document** and put the values of your **table size for X and Y** direction. Once you enter proper table size it should display the page to be **your Table Size**. If your machine Table size is same in X and Y direction it is important to keep it in Portrait mode and enter X value to be 0.1" less than actual value. For example: Your table size is 12"x12" then enter X 11.9" and Y 12.0". Again, This measurement should be the same as what you select in LinkMotion.

Draw your **objects** and/or type your **text**. It is very important to make sure that everything you draw should be **.003 Point size thick line** for proper vector output.

After drawing any object make sure that **object is high lighted or selected**.

Go to the right of the page and **select Object under Properties**. Select the basic stroke. Default shows 1pt. High light the number and type 0.003 and Enter.

Similarly every object you draw should have **no fill and .003 Point size line thickness for proper Vector output**.

Text in your design should be **converted to Paths from the Text menu**.

Select all the text, go to the **Modify menu, and ungroup** it.

Go to **windows menu** and select **Swatches**. Here select none for the fill. **Also select .003 Point Size line thickness for the Stroke**.

Select **Print** from the file menu. Make sure that Printer has **Your Machine Name driver**. Click on the **Properties** button. Click on the **Advance** button. Here make sure Paper Size is selected to be the **Table Size**. Click on the **OK** button. Click on **OK** button again on your driver properties.

Click on the **Preview** button on the Print section. You should be able to see your artwork within your Table Size. Uncheck the button for **Automatic orientation**. Close the preview selection.

In scale% area select **Fit on Paper**. Now when you click on **OK** here your job should go to the machine.