



Xenetech Project #213: HPScanJet to Xenetech

[Revised 4-8-2000]

Engraving graphics on the Xenetech "direct" from Scanjet. AKA *"Scan to Engrave!"*

This document outlines the necessary steps to use HP PrecisionScan software to create vector graphics which can be engraved. This document is applicable to ScanJet models 5100,5200,5300(5p with upgrade software). HP PrecisionScan Pro for the 5370,6200,6300... is totally different (see FAX#215)

A: Typical Step by Step Usage.

[be sure you have configured as shown below]

1. Put the artwork to be scanned in the scanner; face down, upper/right corner.
2. Push the Scan button on the front of the scanner. This *normally* runs the HP PrecisionScan software; if it doesn't, you'll need to use the Start|Programs procedure to start.
3. Click on the Scan command button
4. Drag a "selection" box around that which you want to scan.
Be sure you only have one area "boxed."
5. Click on Settings from the menu bar.
select **Region** and
select **Black & White Drawing**
then click **OK**
6. Click on **Edit** from the menu bar
click on **Copy** [selection will be placed in the windows clipboard]
7. Switch to or start Xenetech
8. Click on **Edit | Paste**.
One of two things will happen. (See Footnote 2 below)
 - 1.) The scanned image will be thrown into your layout immediately.
 - 2.) You will be asked for a filename to save the resulting .XLG
After supplying filename, drag box in layout area to size and place the graphic.
Option 2 is **strongly** recommended.
(See Footnote 2 below)
9. [Optional] If you have the Xenetech Drawing Tools, you may **Color | Explode to Polyvectors** the selected graphic and modify if desired. Normally after modification/cleanup you would **Color | Sort & Combine** to reassemble and then **File | To File Export** the modified graphic as a filetype of **.XLG Xenetech logo**.
10. [Optional] If you have the Xenetech Drawing Tools, you may **Font | Hatch Fill** to "paint" the graphic. Use **Line Group | Hatch Fill Setup** to modify the settings of the "paint."
Then **File | To File Export** the "painted" graphic as a filetype of **.XLG Xenetech logo** if you want to use in future layouts.
11. Finalize your layout then **File | To engraver...**

B: Configuring HP PrecisionScan for best engraving results.

1. Push the button on the front of the scanner or run HP PrecisionScan from **Start|Programs**.

2. Verify following settings on initial screen:
Check **Select Parts of Page or View Page First**
UnCheck **Scan in Color**

3. Click **Settings** from menu bar.
Select **Preferences**
click **Auto-Detect** Tab
Turn OFF (*uncheck*) **Detect regions of page**
OK

4. Scan at least one graphic (see above steps) before exiting the program so these values will become the defaults.

FootNotes:

1. When scanning for raster-->vector conversion you normally do NOT want high resolution; although you can adjust the resolution in HP PrecisionScan, I suggest almost always let it use the default resolution.

2. For best results check your XENETECH.INI to be sure

TextAsLines=0 (that's zero)

If you are not familiar with this, use **Misc. | Edit Ini files...** and find the above line under the [ImportFonts] section. On newer installations it probably will say **TextAsLines=1**

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