



CutStudio Software



CutStudio

❖ Contents

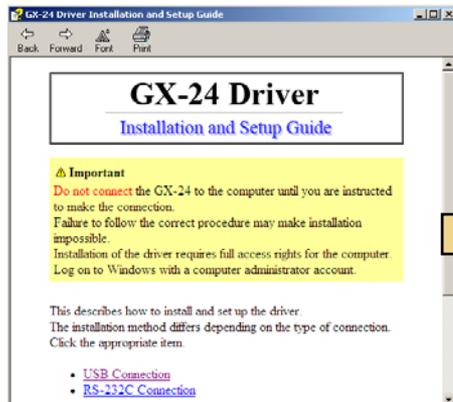
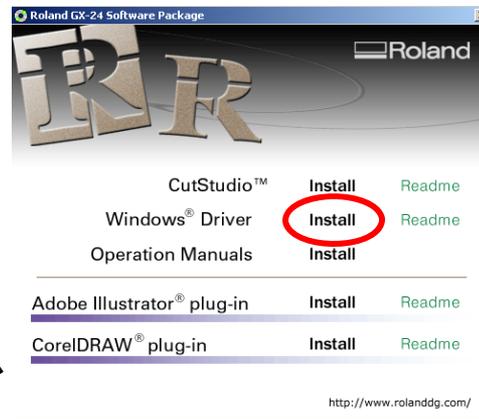
- Driver installation
- CutStudio Software Installation
- CutStudio Software Overview
- CutStudio Plugin Installation

NOTES:

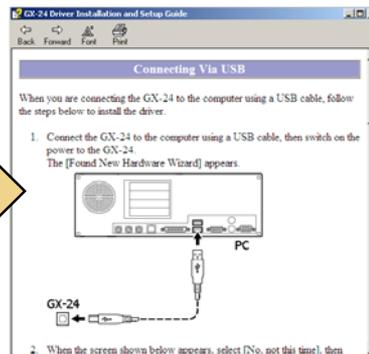


CutStudio

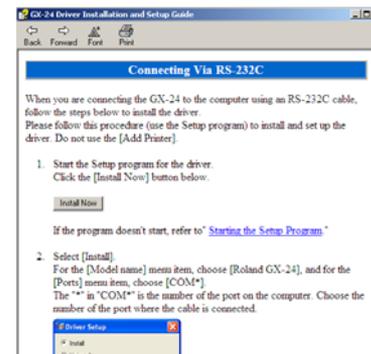
❖ Installing CutStudio Drivers



USB



Serial



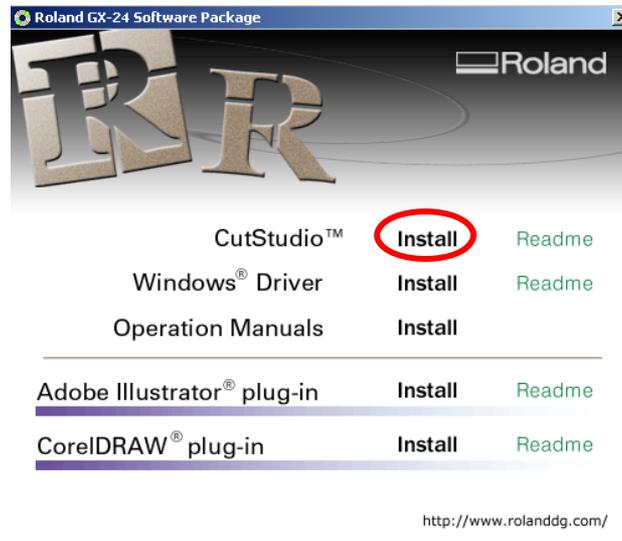
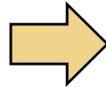
NOTES:

- Place CAMM-1 CD into computer and an install window will open.
- Click on “Install” to begin software installation.
- GX-24 Installation and Setup Guide will open.
- Select “USB Connection” for USB or “RS-232C Connection” for serial



CutStudio

❖ Installing CutStudio Software



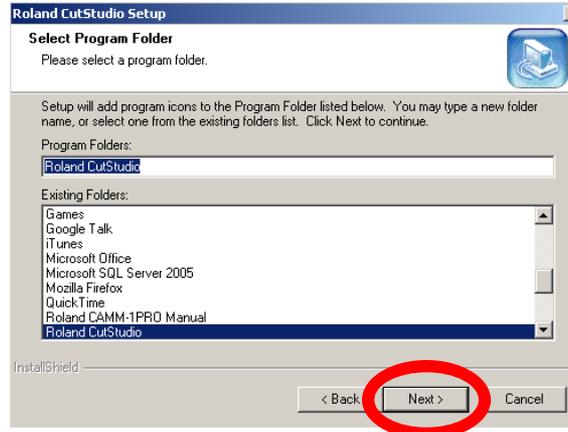
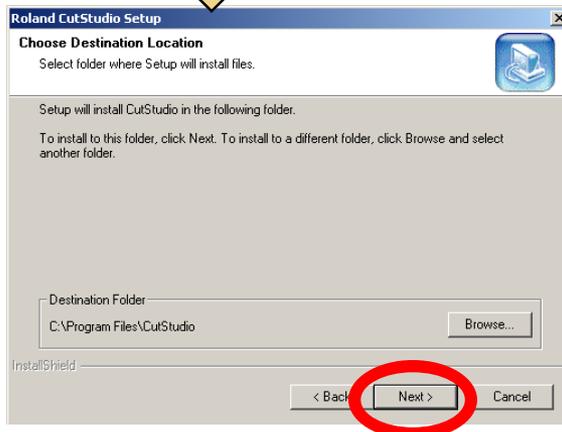
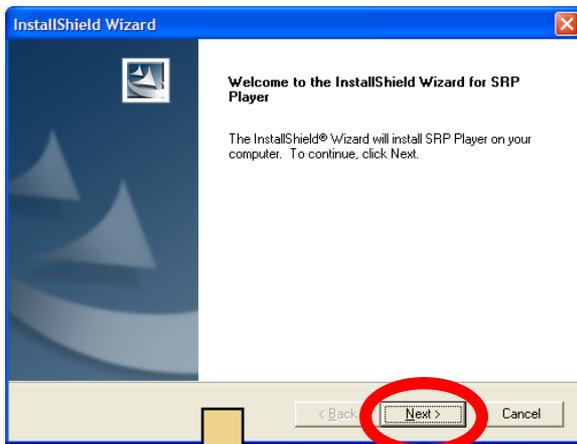
NOTES:

- Place CAMM-1 CD into computer and an install window will open.
- Click on “Install” to begin software installation.



CutStudio

❖ Installing CutStudio Software



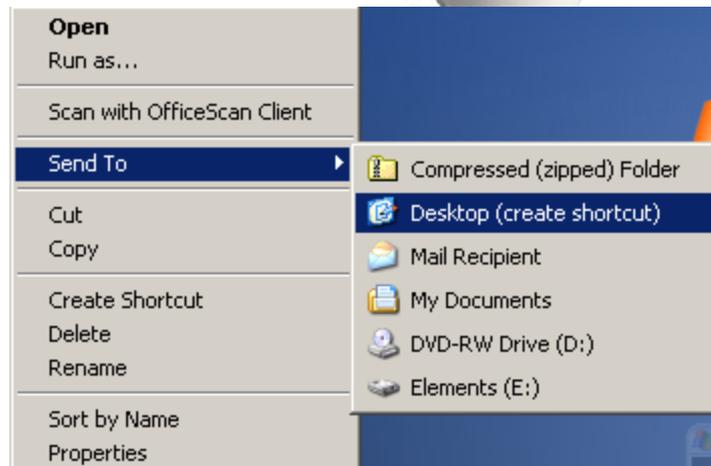
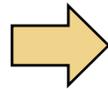
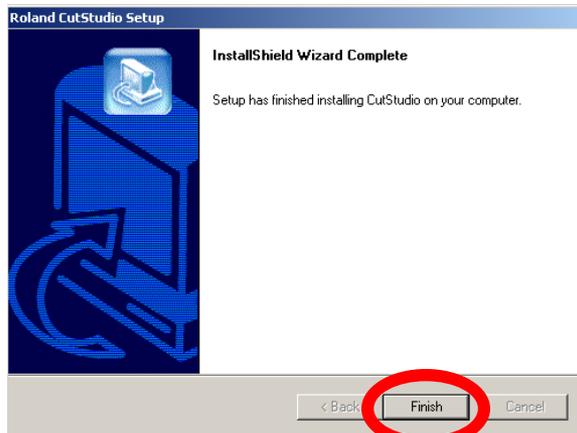
NOTES:

- Install Shield Wizard will start up, click on “Next”.
- Click “Next” to accept default destination folder. (Recommended)
- Click “Next” to accept default program folder name and continue software installation. (Recommended)



CutStudio

❖ Installing CutStudio Software



NOTES:

- Click on “Finish” to complete software installation.
- Go to Windows Start Menu and click on Roland CutStudio, right click over CutStudio, select “Send To” then “Desktop (create shortcut)”
- This will create a shortcut on your desktop.

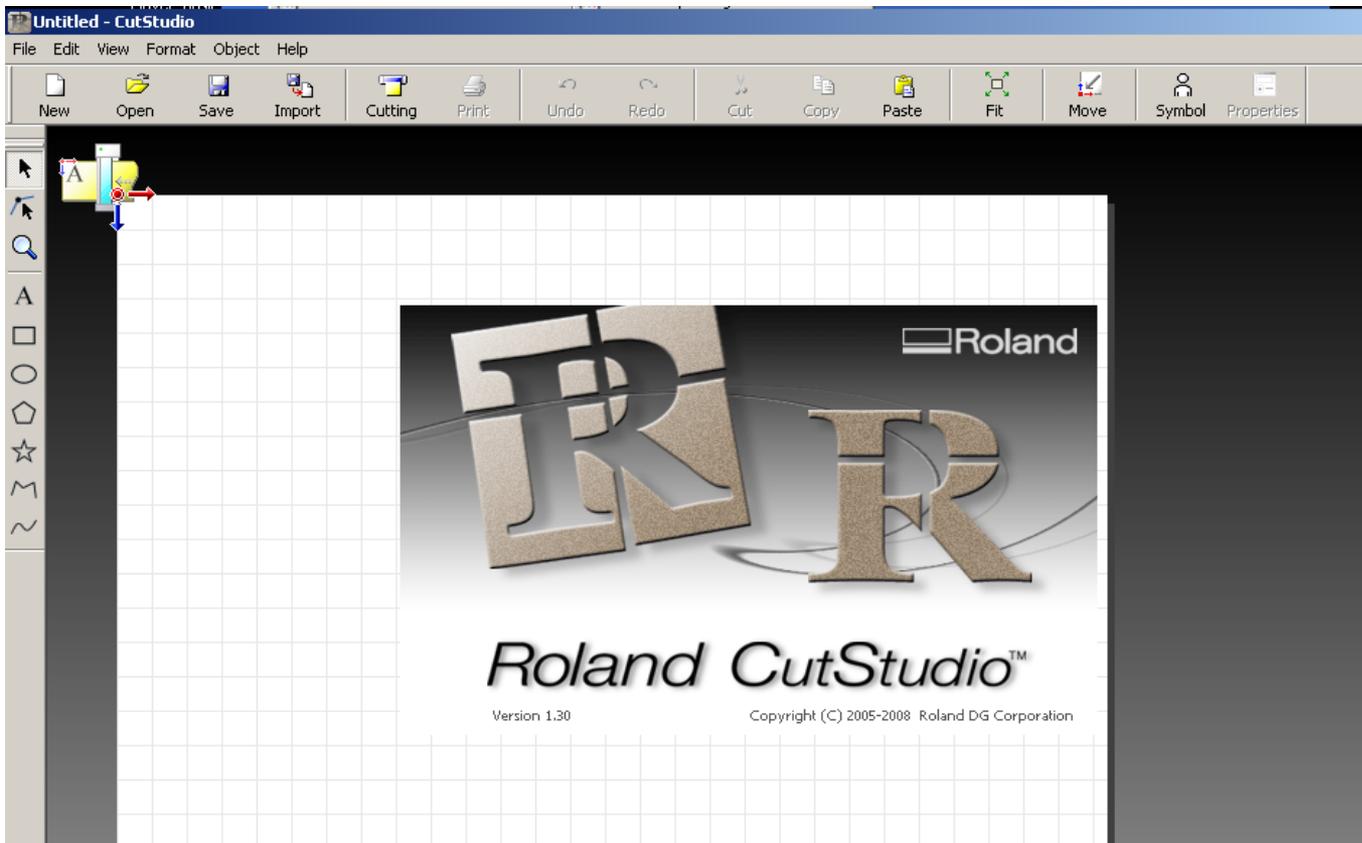


- Double-click on the CutStudio shortcut icon to open CutStudio



CutStudio

❖ Main Screen



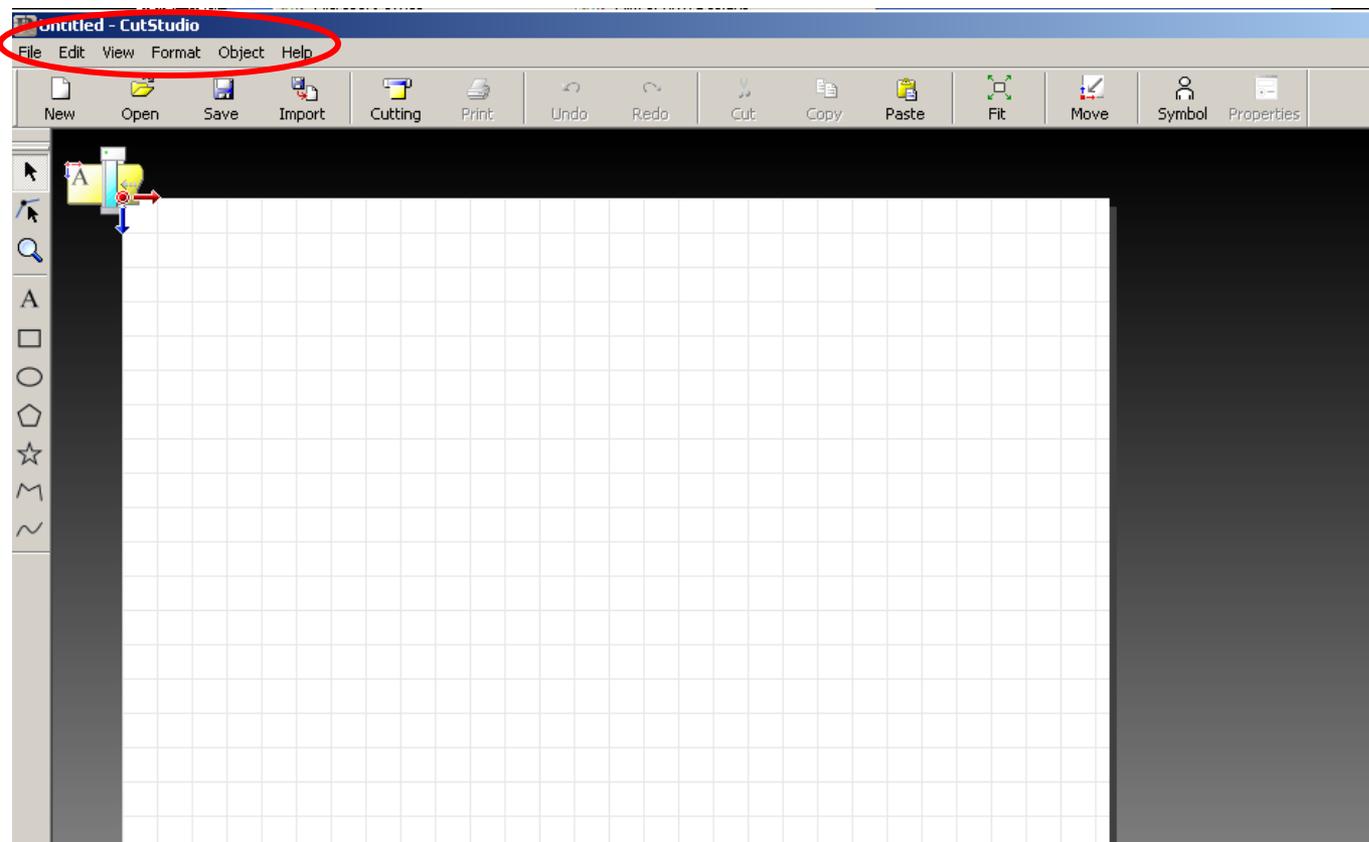
NOTES:

- Start screen. This is the opening screen of CutStudio.
- After a few seconds, the CutStudio flash screen will disappear leaving the workspace ready to design.



CutStudio

❖ Menu Options



NOTES:

•File

- Opens and imports files into cutstudio
- Changes Driver settings
- Tiling function
- Preferences

•Edit

- Cut/Copy/Paste
- Undo/Redo
- Multiple Copy

•View

- Change all GUI settings
- Snap to Grid

•Format

- Font tools

•Object

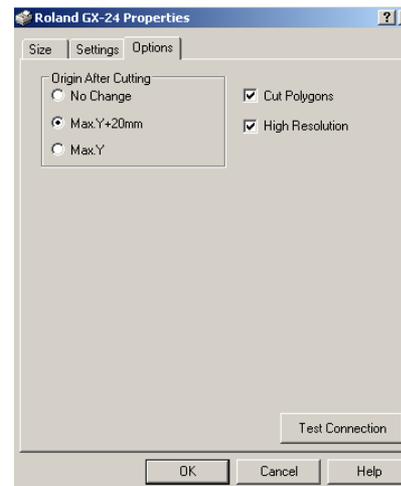
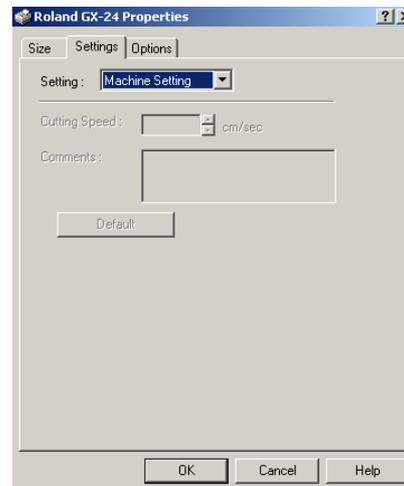
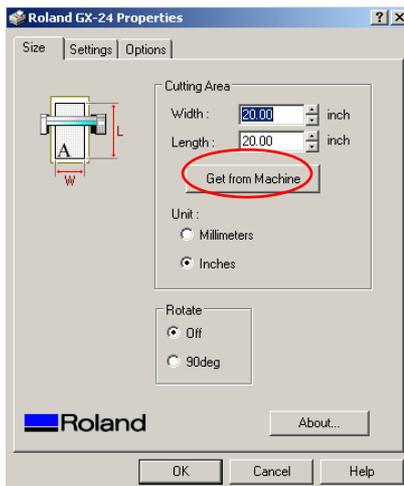
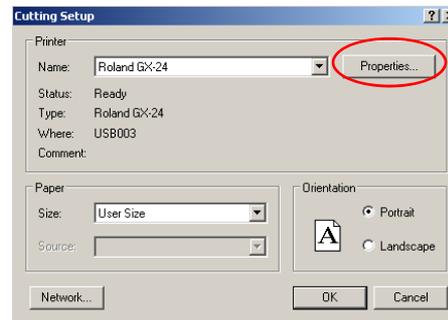
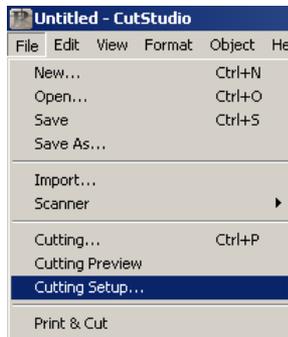
- Align/Distribute
- Vector tools
- Symbols
- Offset
- Image Outline

•Help



CutStudio

❖ File – Cutting Setup



NOTES:

- Cutting Setup is where the cut driver can be calibrated

Size

- This is where the width and length of the working area can be set
- Width can be taken from the cutter by clicking on “Get From Machine”
- Length is a user setting; most often the size of the desired graphic
- Rotate can also be changed here for portrait or landscape

Settings

- Specific cutting speeds can be set here to override the machine
- Most commonly used is “Machine Setting” which is set on the cutter

Options

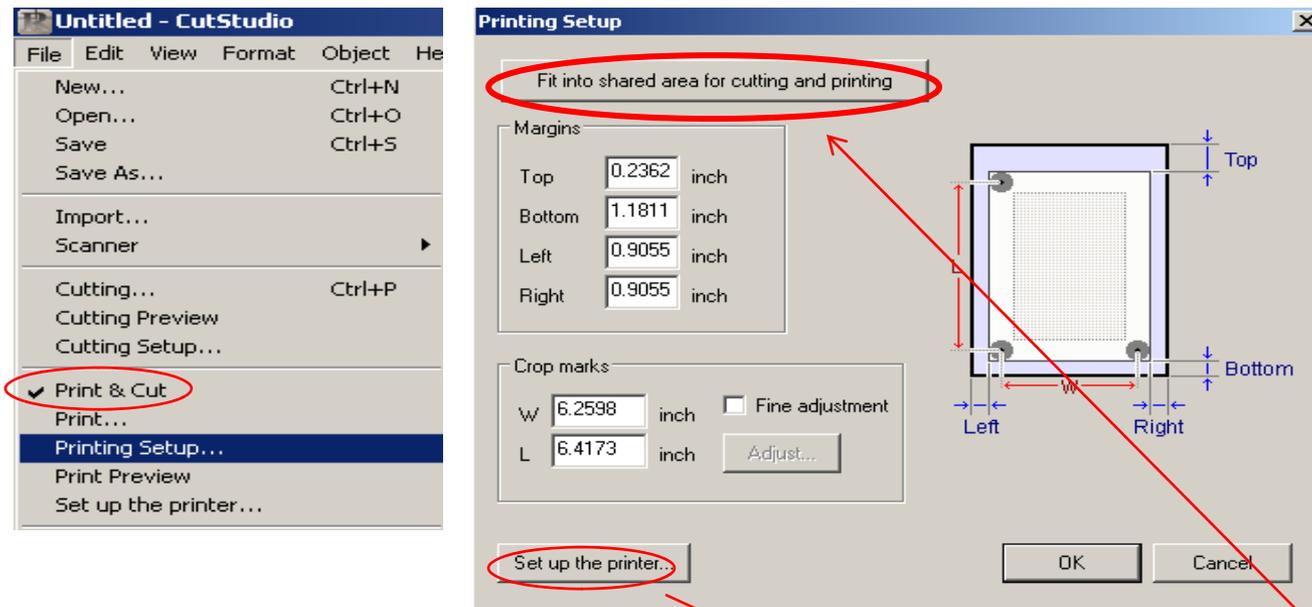
- Origin settings can be set here

- *Note: Driver settings differ between cutters



CutStudio

❖ File – Printing Setup



Cutting Setup

Cutting Area

Width : 8.50 inch

Length : 11.00 inch

Print Setup

Paper

Size: Letter (8 1/2 x 11 in)

Source: Sheet

NOTES:

•The Print/Cut workflow can only be performed when “Print & Cut” is checked. This function assigns cropmarks to the work area

•Margins

- Sets the margins for the working area
- Makes assumptions for pinch roll wheels and distance between cutter protection strip and light sensors on the cutter

•Crop Marks

- Individual positioning of the crop marks from lower left origin point

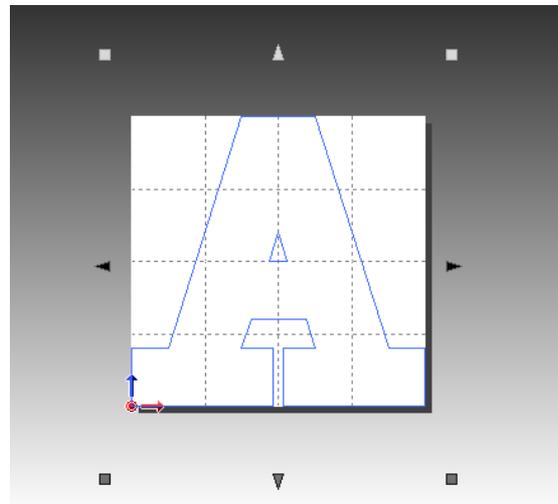
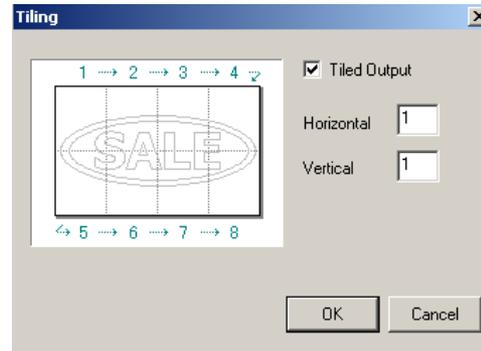
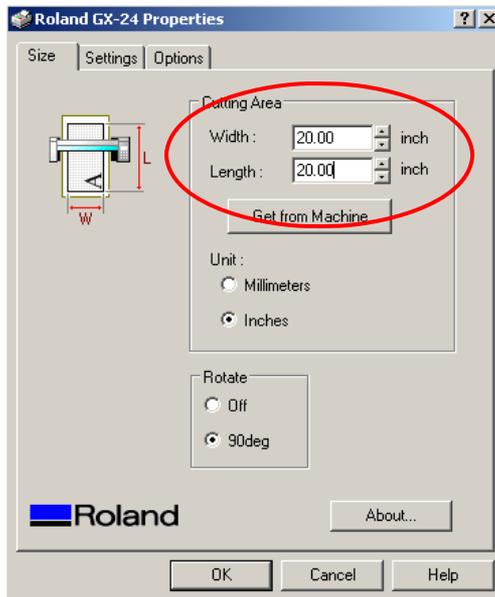
•“Fit Into Shared Area”

- Aligns crop marks respective to “Cutting Setup” settings and “Print Setup” settings.
- Both settings should be **IDENTICAL** for best results **before** clicking on this button



CutStudio

❖ File - Tiling



NOTES:

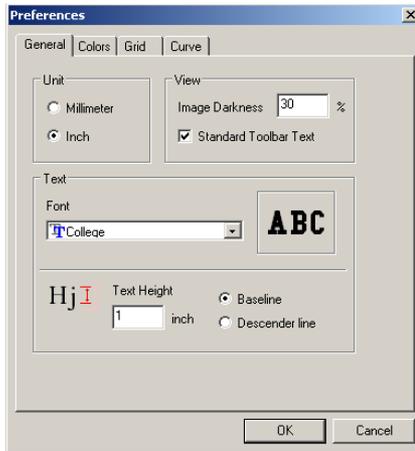
- Tiling can be performed based on the size setup in the cut driver
- Maximum of 8 x 8 tiles can be created
- Create tiles based on size of the graphic
 - E.G. – If a graphic is 80" x 80", then 4 x 4 tiles are needed
 - $4 \times 20" = 80"$



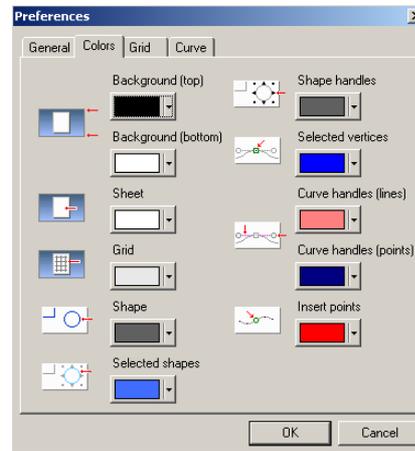
CutStudio

❖ File - Preferences

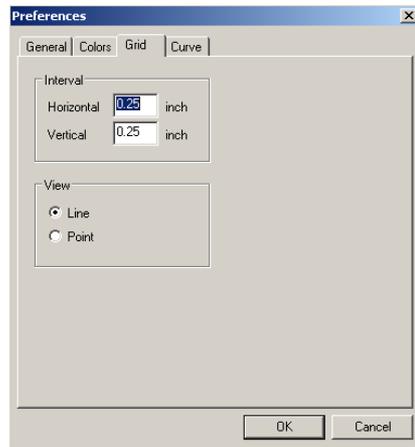
General



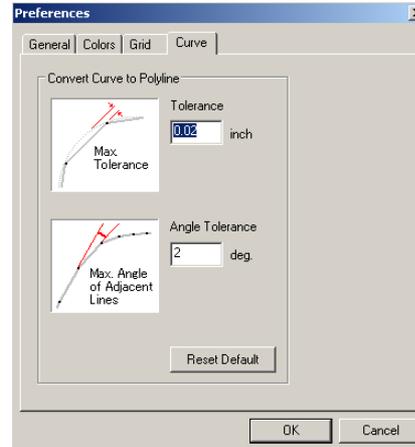
Colors



Grid



Curve



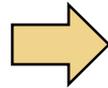
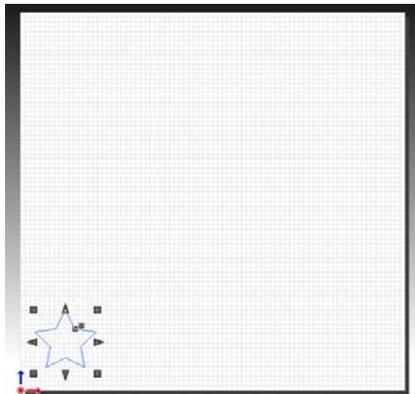
NOTES:

- General
 - Change default measurement, raster image viewing and font settings
- Colors
 - Change GUI color settings
- Grid
 - Change layout grid structure
- Curve
 - Adjust “Image Outline” settings for tracing raster images

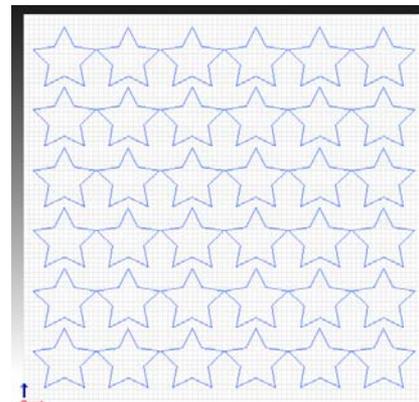
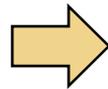
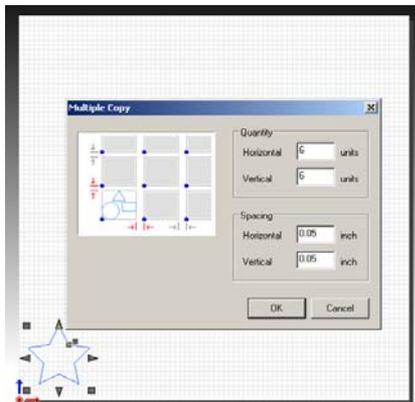


CutStudio

❖ Edit – Multiple Copy



Untitled - CutStudio			
Edit	View	Format	Object
Undo		Ctrl+Z	
Redo		Ctrl+Y	
Cut		Ctrl+X	
Copy		Ctrl+C	
Paste		Ctrl+V	
Delete		Del	
Multiple Copy...			
Select All		Ctrl+A	



NOTES:

- Allows for the selected image to be arranged and sorted for output of multiple copies

Quantity

- Set horizontal quantity and vertical quantity desired

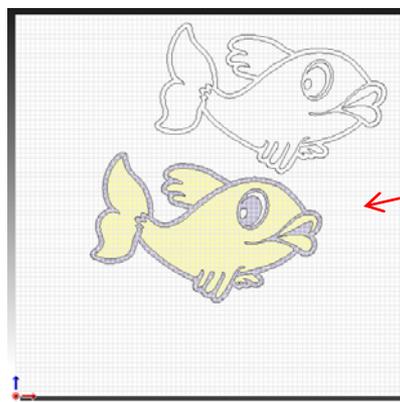
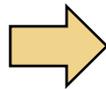
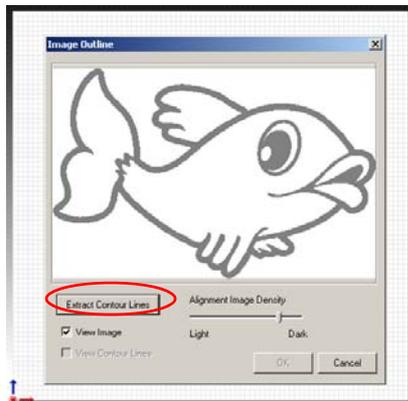
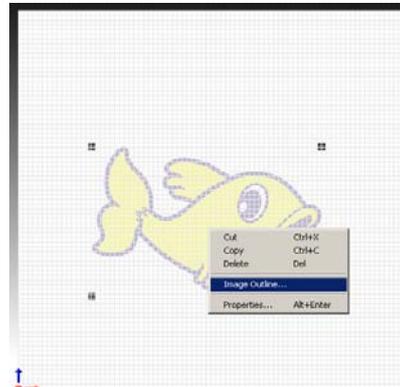
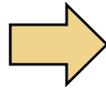
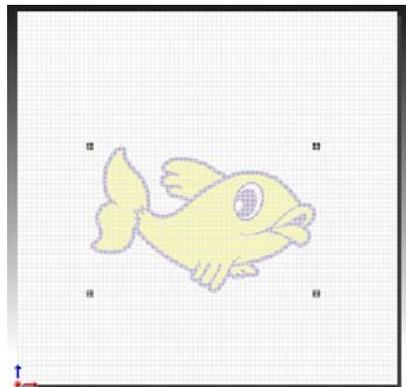
Spacing

- Set horizontal and vertical spacing between copies



CutStudio

❖ Object – Image Outline



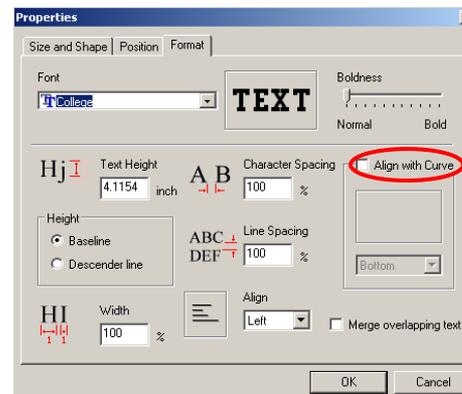
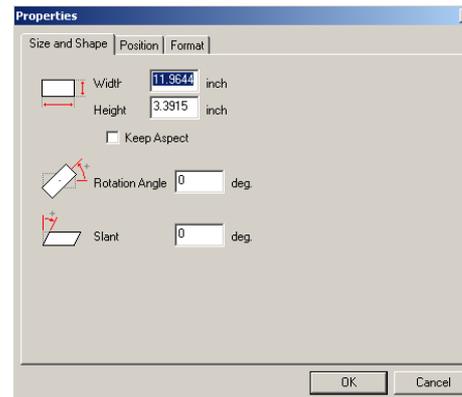
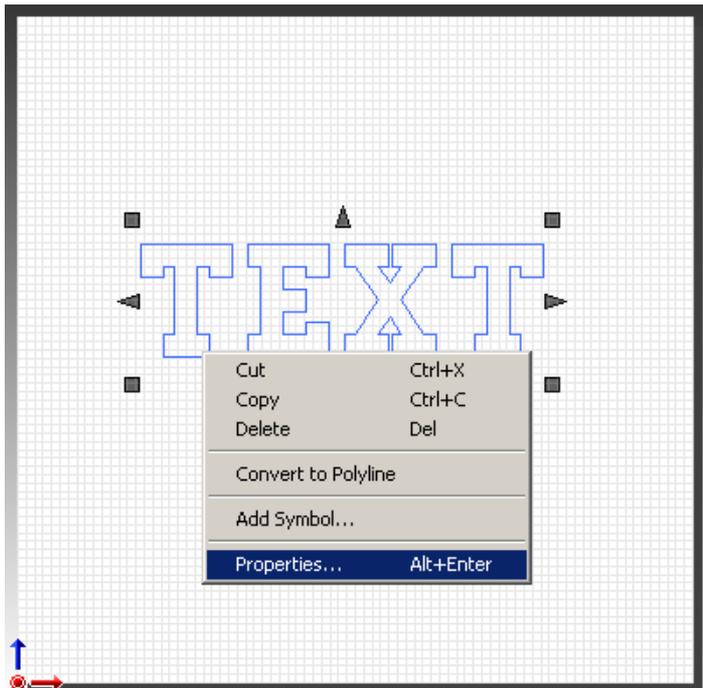
NOTES:

- Can also be accessed by right-clicking on the image
- Alignment Image Density
 - This will change what can be traced using the Image Outline function
- Extract Contour Lines
 - This will trace the raster image
- View Image
 - Shows the raster image without vectors
- View Contour Lines
 - Shows the vectors after tracing has been completed
- Graphic can now be cut as a single color image
- Or sent to a printer for a print/cut decal



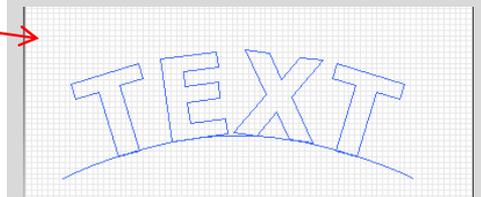
CutStudio

❖ Object – Properties (Fonts)



NOTES:

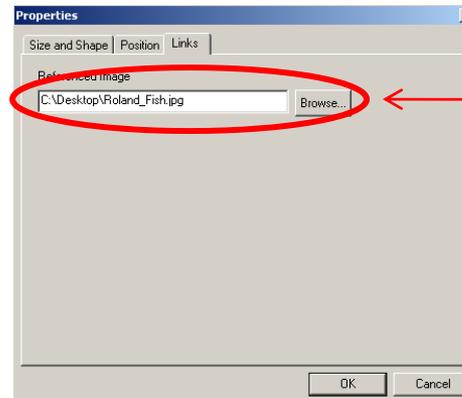
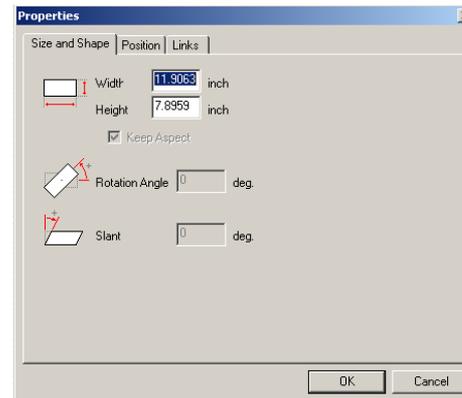
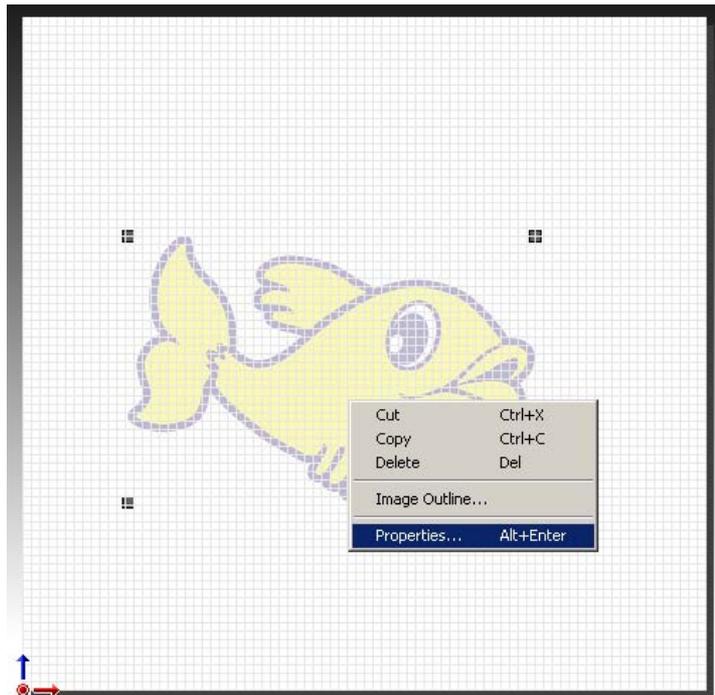
- Can be accessed by right-clicking on the image
- Size and Shape
 - Change height and width of image
 - Click on “Keep Aspect” to keep proportions consistent
 - Rotate images
 - Slant image from left to right
- Format
 - Font changes can be made including type, boldness, spacing, alignment
 - Merge overlapping text
 - Align with a curve





CutStudio

❖ Object – Properties (Raster Images)



NOTES:

- Can be accessed by right-clicking on the image

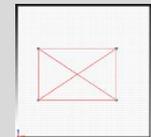
Size and Shape

- Change height and width of image
- Click on “Keep Aspect” to keep proportions consistent
- Rotate images
- Slant image from left to right

Links

- Images in CutStudio are not completely imported, only linked to. This is where CutStudio looks for the image file to link to

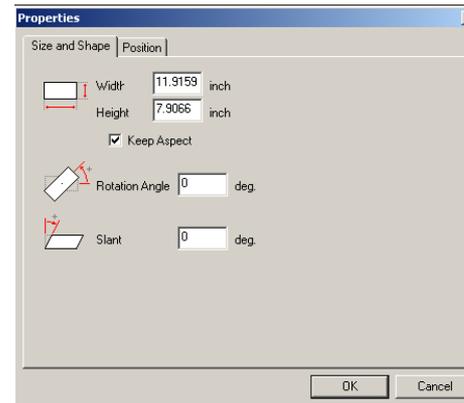
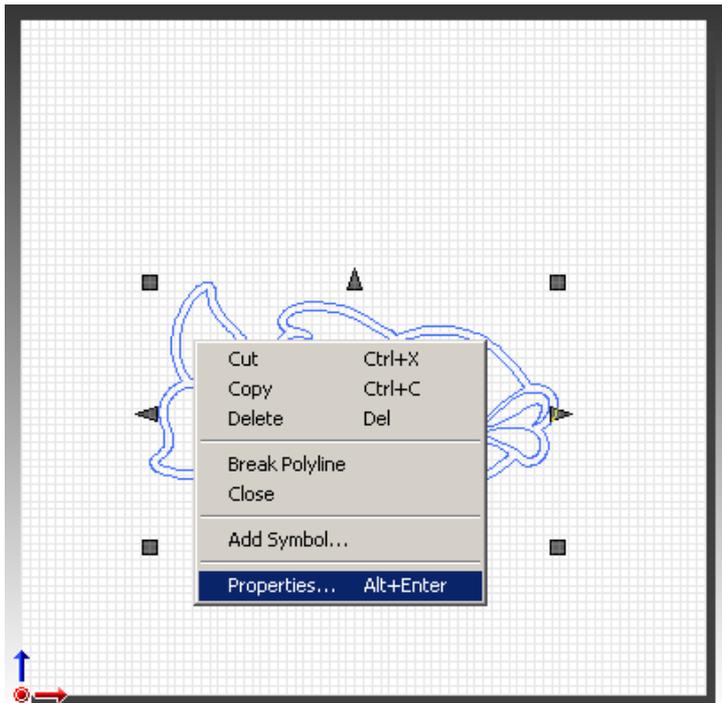
- *NOTE- If a file is saved and moved from its original location, CutStudio may not know where to look for the image and this is what will appear on screen. Re-enter the proper location of the image.





CutStudio

❖ Object – Properties (Vector Images)



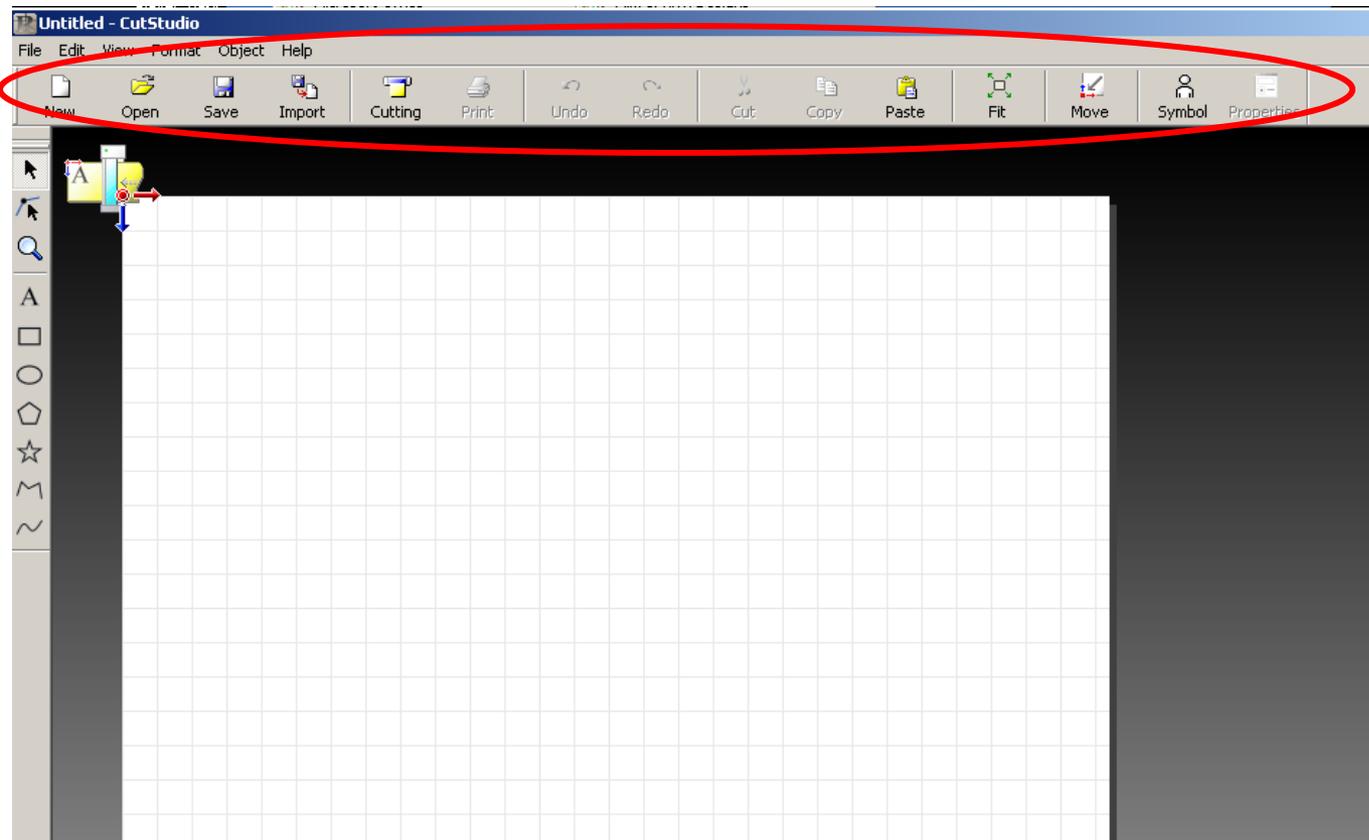
NOTES:

- Can be accessed by right-clicking on the image
- Size and Shape
 - Change height and width of image
 - Click on “Keep Aspect” to keep proportions consistent
 - Rotate images
 - Slant image from left to right



CutStudio

❖ Standard Toolbar



NOTES:

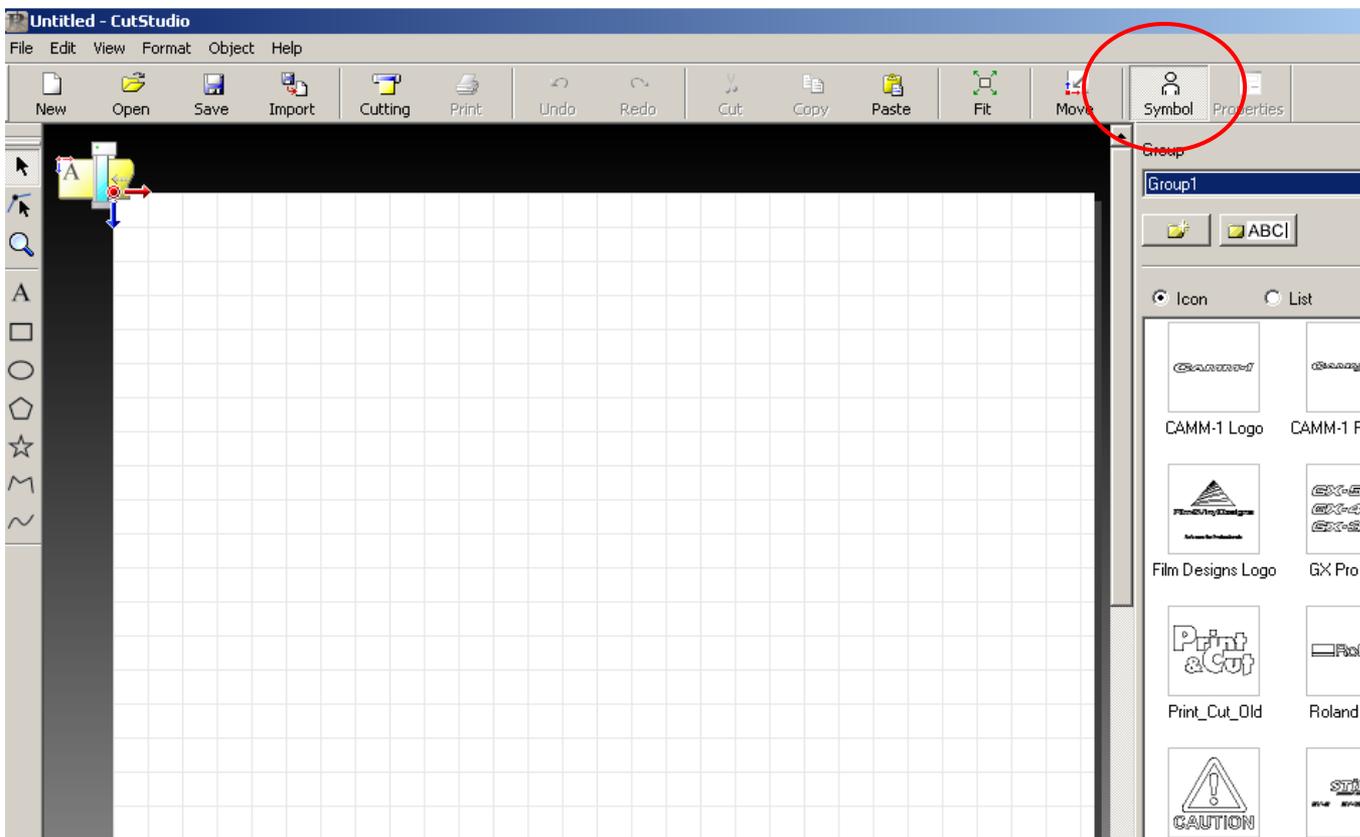
- New
 - Opens new document
- Open
 - Opens .CST file
- Save
 - Saves .CST file
- Import
 - Opens BMP, JPG, AI, EPS files
- Cutting/Print
 - Outputs to selected device
- Fit
 - Auto zoom to fit graphic on screen
- Move
 - Moves graphic to origin
- Symbol
 - Opens symbol library
- Properties
 - Opens properties menu



CutStudio

❖ Symbol Menu

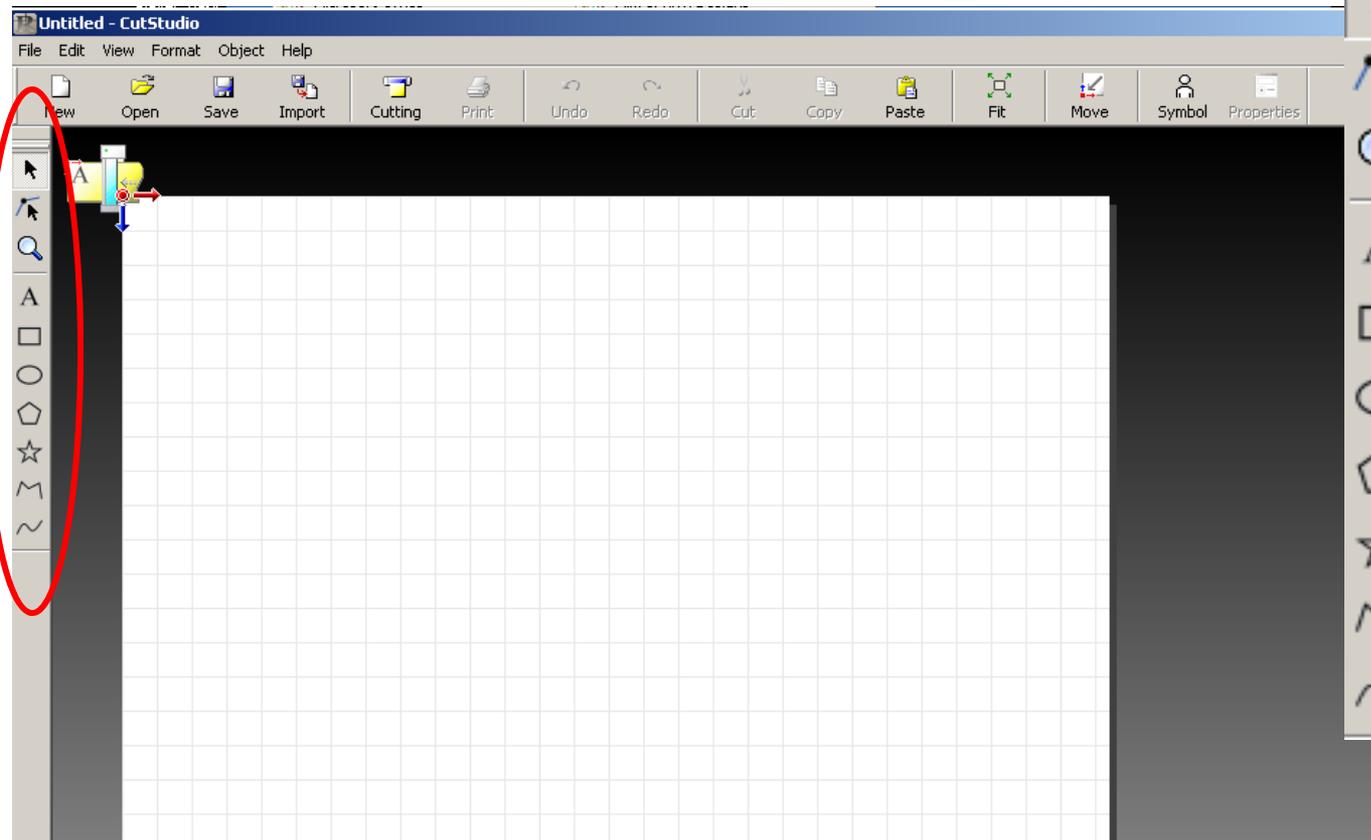
- NOTES:**
- Custom library where user can save most used designs
 - Designs can be saved after creation and re-imported as necessary
 - Symbols can be named and saved into groups
 - Groups of symbols can also be named





CutStudio

❖ Object Toolbar



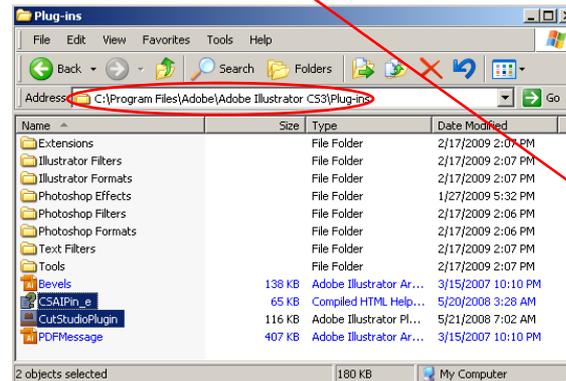
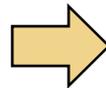
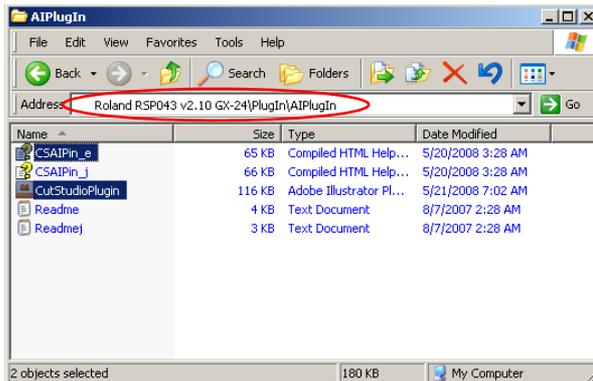
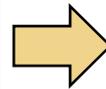
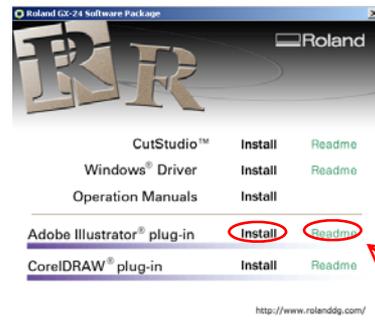
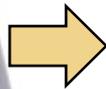
NOTES:

- Select tool
 - Selects the desired vector
- Edit tool
 - Node editing
- Zoom In/Out tool
- Text tool
 - Font creation
- Rectangle tool
 - Shape creation
- Circle/Ellipse tool
 - Shape creation
- Polygon tool
 - Shape creation
- Star tool
 - Shape creation
- Polyline
 - Creates straight lines
- Curve
 - Creates curved lines



CutStudio

❖ Installing CutStudio Plugins (Illustrator)



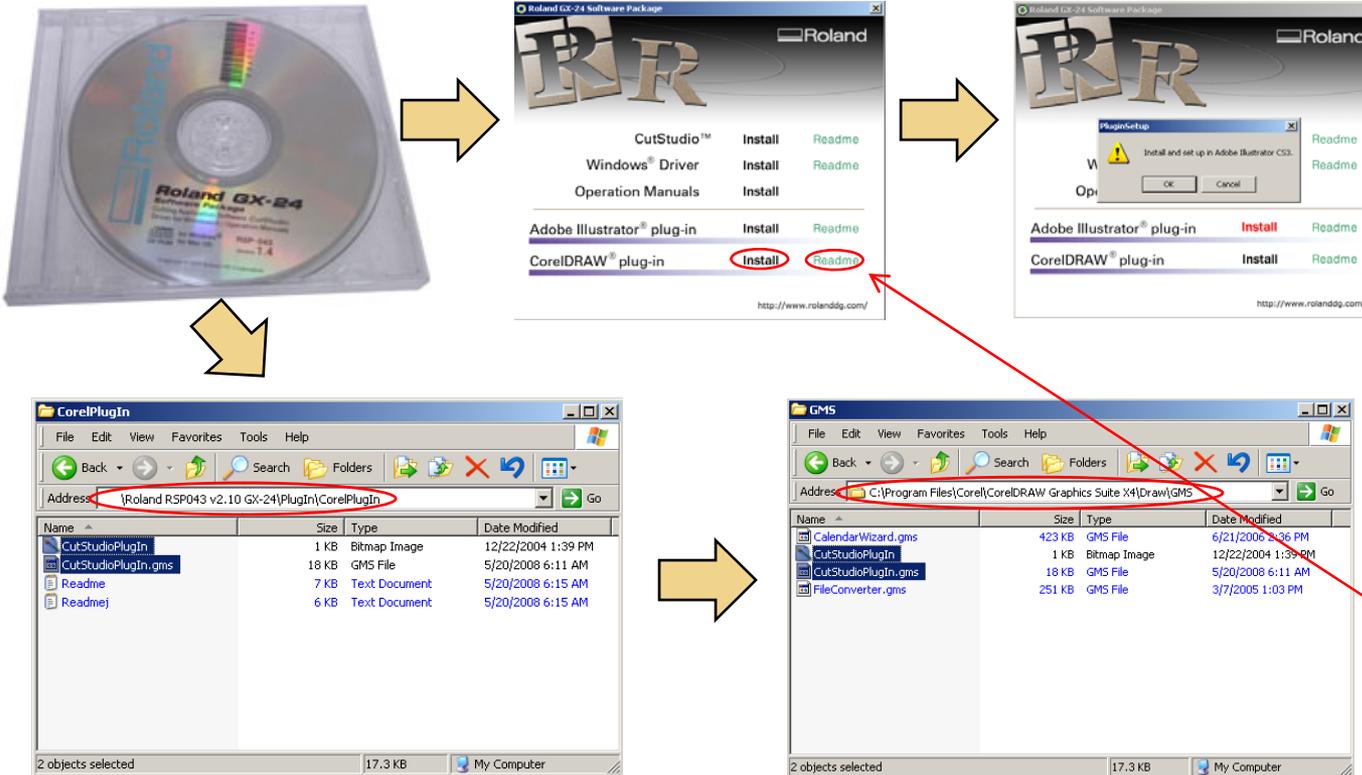
NOTES:

- Place CAMM-1 CD into computer and an install window will open.
- Click on "Install" to begin software installation.
- If successful, dialogue box will open with "Install and set up in Adobe Illustrator"
- If unsuccessful, manually install plugin
 - Using Windows Explorer, CutStudio plugin files must be copied from CD directly into Illustrator "plugins" folder in Program Files
- *NOTE: For more detailed info, click on "Readme"



CutStudio

❖ Installing CutStudio Plugins (CorelDRAW)



NOTES:

- Place CAMM-1 CD into computer and an install window will open.
- Click on “Install” to begin software installation.
- If successful, dialogue box will open with “Install and set up in CorelDRAW”
- If unsuccessful, manually install plugin
 - Using Windows Explorer, CutStudio plugin files must be copied from CD directly into CorelDRAW “GMS” folder in Program Files
- *NOTE: For more detailed info, click on “Readme”



For further assistance, please contact Roland DGA Technical Support
(800) 542-2307
support@rolanddga.com
[Roland Support Page](#)