Advanced Topics & Features

GERBER OMEGA

DIAL 800 768 2983
Access Code 7141965#

Topics

- Welcome and Questions
- Where to find more information
- Advanced Topics
- Q&A

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More Information

- OMEGA DVD
  - What's New PDF with Video Links
  - Help and Manuals
- WWW.GSPINC.COM
  - http://www.gspinc.com/learning-center/omega-software
  - http://www.gspinc.com/products/software/omega
  - What's New in OMEGA 6.5.PDF

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Topics

- Plot
  - Auto Archive
  - Plot Weed Sections
- Soft shadows
- SPL files
  - View, Create, Adjust, Print
- Distorted gradients
- On-screen fills
- PLT Extract

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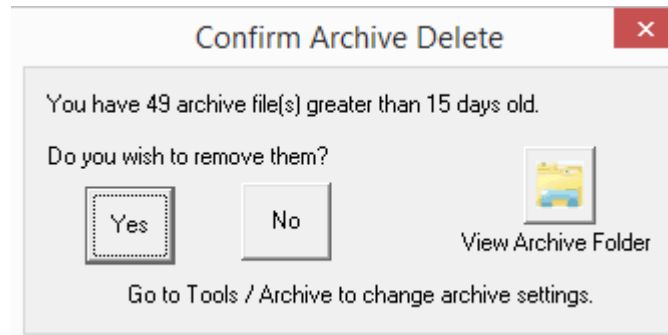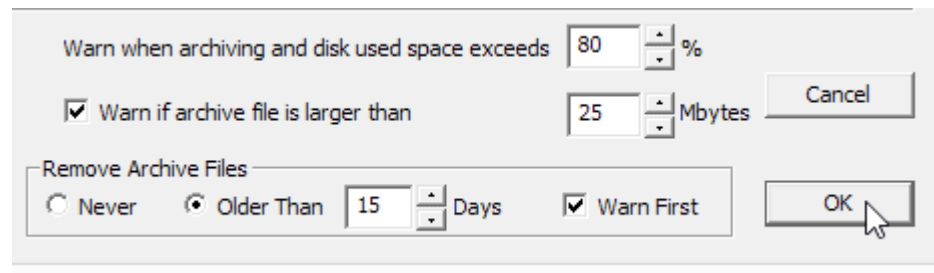# Plot Auto Archive (Added in OMEGA 5.0)

- Plot>Tools>Archive

Plot Auto Archive (Added in OMEGA 5.0)

- Auto Archive automatic delete message.

- Based on the settings at the bottom of the dialog box.

Plot Auto Archive (Added in OMEGA 5.0)

- GSPPlot>Tools>Archive>Turn on Auto Archive and Choose dialog box settings
- Automatically helps track output or recreate the exact same output at a later date.
- Every time the Cut Button, Print Button or File>Save to Spool File is used, this feature writes user-specified PLT, PRM, SPL, Image Files, Font files and a summary to a separate archive ZIP file.
- Data saved as a ZIP file
- User chooses content to be saved.
- Once a job is archived, double click the ZIP file to view the archived information.
  - Use Windows File Manager to sort by date or by name.
  - Standard ZIP file actions can be performed on the ZIP file or its contents.
- Files can be set to automatically delete after certain # of days

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Plot Weed Sections

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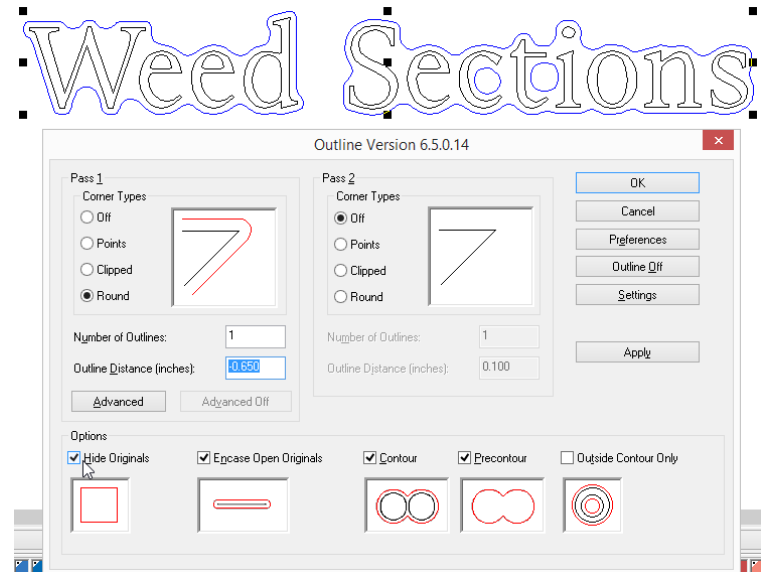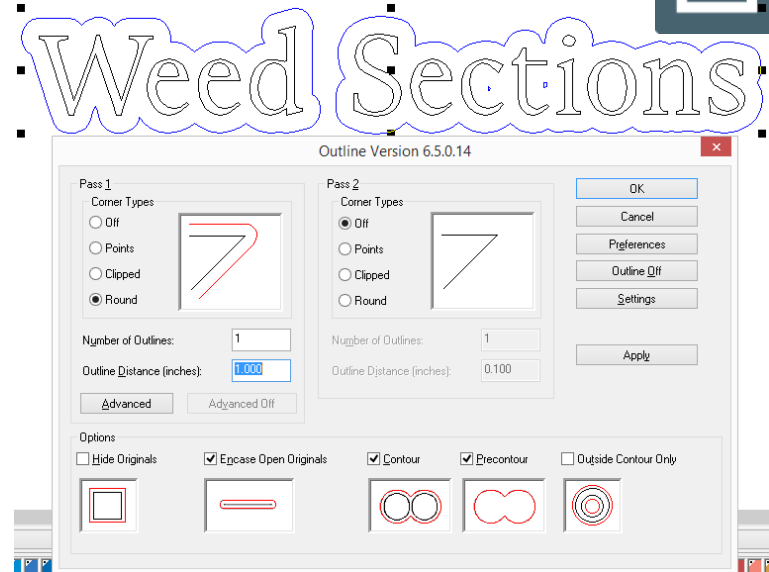# Plot Weed Sections – Added in OMEGA 5.0

- Weedlines make it easier to remove background vinyl when weeding.
- To use: Plot>Setup>Weed Sectioning, or can be manually added by holding down the CTRL key while dragging lines from the GSPPlot rulers.
- Adds cut lines (weedlines) that cut through background vinyl, but skip over the vector shapes. As a result, the job is divided into sections (weed sections).
- Suggestions: Turn on "Keep Existing Lines" and "Auto Preview" and click "Preference."

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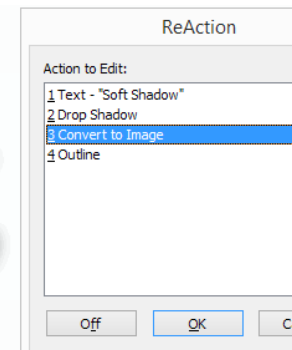# Use Composer Outline for Weed Sections

- #1: Apply a large outline to get a halo outline.
  - Turn on Round Corners
  - Use Apply button to preview
- #2: Select the outline and create an inline (negative outline value) to make the weedline closer to the original.
  - Hide Originals ON
  - Use Apply button to preview

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Composer Soft Shadows – OMEGA 3.0

- Create base text and assign color. Cuts Off.
- Create shadow (use "Partials" not "Composite") On shadow, assign black spot color at 60% tint. Cuts off.
- Select the shadow.
- Image>Convert to Image.
    - 100 dpi. Lower resolution = softer look
    - Turn on Gaussian Blur, set value to 100. Higher blur value = softer look
    - Hide Originals OFF
    - Apply to preview
- Select vector shadow, TO BACK
- Create Cutline: Select original text and vector shadow>Tools>Outline. No Fill, no stroke on outline.
- Select image>press 1>assign as Spot Color, Choose Spot Black
- Add highlights to original text if desired
- ReActionable Template .GCA files are located in c:\jobs\samples\templates folder
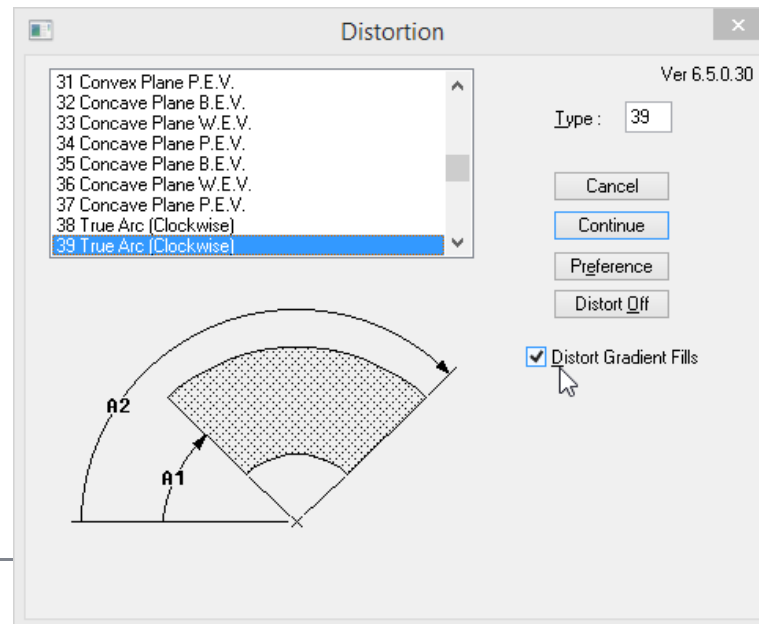
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SPL files: View, Create, Adjust, Print

- SPL files contain the output data for plotters, routers, and the EDGE.
- To create: PLOT>File>Save to Spool File. Choose output to be saved.
- Have many useful features:
  - From PLOT, File>Print Preview to preview or "preflight" cut and or print data as it will be sent to output devices.
    - PLOT>View Existing Spool file to view any SPL file.
  - In GQManager, see what jobs look like. Right click on job>Preview
  - Replay the exact same data over and over without any changes.
    - PLOT>Save as Spool File the
    - PLOT>Print existing Spool File or GQManager File>Open and Print or Open and Cut
  - Adjust registration:
    - Run SPLView.exe>File>Adjust
    - GQManager>File>Open & Print with Foil Adjust

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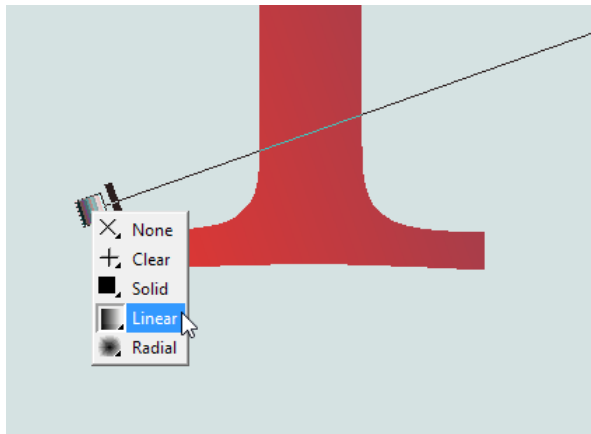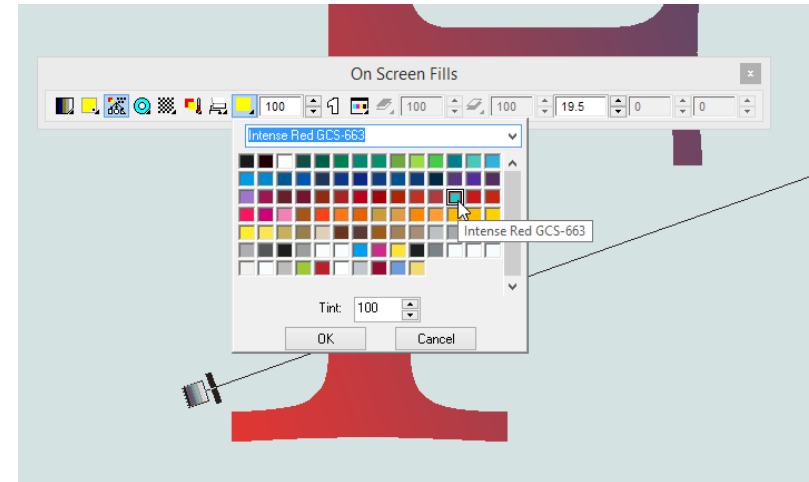TECHNOLOGY

Distorted Gradient Fills: OMEGA 5.0

Distorted Gradient Fills: OMEGA 5.0

- Composer>Tools>Distortion>Click Distort Gradient Fills.
- Fades follow distorted shapes
- Checkbox in Distortion that makes gradient fills into a series of stripes, then distorts those stripes. This allows fades to follow the distorted shapes.
  - To allow for smooth output of the gradients, the number /size of gradient stripes is determined by the size of the objects and the halftone selected. For example, if and object has GerberTone selected as the halftone, more stripes will be generated than Classical Dot at 70 lpi.
  - Also, if the original object is scaled up, more stripes will be generated when the reaction tree is regenerated to be sure a smooth gradient is created when printing to the Gerber Edge.
  - If Spot to spot gradients are distorted, the multiple spot gradients are automatically set to overlap.
  - Because this feature may create thousands of shapes, consider doing this operation as one of the last operations before output.

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Composer On-Screen Fills
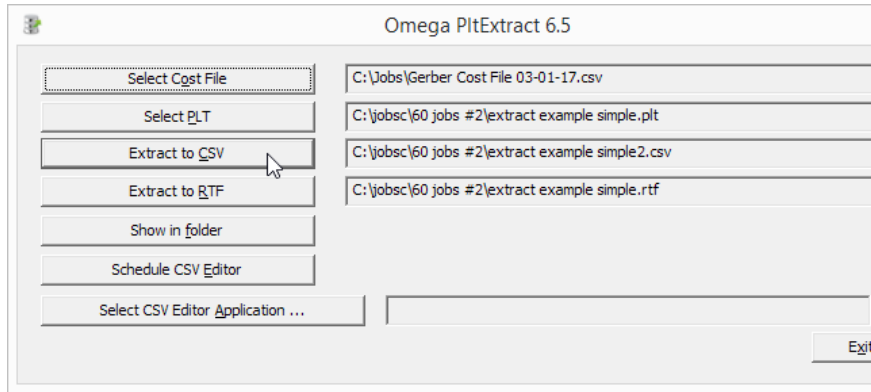
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Composer On-Screen Fills

- On Screen Fills: assign virtually every attribute of a fill right on the Composer screen.
    - Assign and edit solid spot colors and spot colors with tints
    - Assign and edit process colors
    - Create linear or radial fills with single or multiple colors and tints
    - Rotate linear fills and change the center point of radial fills
    - Add or delete additional colors to linear or radial fills
    - Change the location of colors in linear or radial fills
    - Assign GerberColor Spectratone fills

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PLT Extract: OMEGA 6.5

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- Extracts design, material and output data from PLT files. Saves info as CSV.

- Can be linked to a material cost file
  - Display PLT vinyl/foil costs
  - Display output costs if the job is output from Plot

- Merge extracted information into a PLT file:
  1. Insert new AutoText Field Codes in Composer that will automatically merge the CSV data into a PLT file OR
  2. Copy and paste extracted CSV data from a spreadsheet directly into Composer

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