

# Features Sheet Omega Upgrades from 1.56 through 8.0

## Omega 8.0 Released March 2023

- Windows 11 Compatible
- Navigator Screen – Easier to navigate through your design, quickly move to areas in your design
- PDF and EPS Export Templates - savable function sets for common exports
- Gerber Edge series print time estimates- Edge1, Edge2, Edge FX
- Cut Time Estimates for Gerber plotters- Envision 375, GSx, GS15+, HS15+
- Clip Art toolbar- Access your favorite 9 clip art PLT files with ease
- File preview enhancements- Increased file open preview size and resolution.
- File Open Enhancements - New detail view allows for data saved in description to be viewed and sorted.
- New Effects toolbar- quickly access Effects- Special, Stripes, Layers, Overlap and contour on a simple to use toolbar
- Zoom 1:1- show artwork at a 1:1 Ratio on your screen (view designs at physical size on screen)
- Export/Import Customize Keyboard SETS- Load and save customized keyboard sets between users.
- Export/Import toolbar Layouts- Like your toolbar layout and want to use it on another PC? Now you can.
- Clipping path enhancements- groups of objects now maintained.
- Foil Adjustment alignment bars- Easier and faster print to print registration adjustments.
- Bitmap fill Justification- Select the justification of images during the filling process.
- Improved Dimensions toolbar- Now allows for Feet, inches display.
- And More

## Omega 7.0 released 8-28-20

- User palette added- customized by the user, with ability to select objects based on color
- Customize Keyboard - allows user to assign hotkeys, Accelerator sheet update
- Improved Pantone color value entry and Delta E. information added to assign colors
- Updated Gerber swatch colors for use in Adobe Illustrator
- Export to hot folder improvements- save to current path option added
- New toolbar icons for Interactive outline and Drawing tools
- Function Templates - savable function sets for Repeats, Outline and Shadow
- Repeats/Merge - 'quantity of' option to duplicate repeats for multiple sets of decals
- Layer Manager enhancements -right click to move/copy to layer option, preference new layer direction
- Back-cut Enhancements- Recognizes layer names and assigns back cut layer function
- Foil Adjust from OmegaPlot - easier to use and access foil adjust for color to color correction
- GQMgr back cut indicator - easily identify back-cut layers by asterisk indicator
- More plotters supported - new Mimaki and Graphtec plotters added

- OMEGA CS Enhancements - including clipping paths and assigning process colors
- Select image options - select embedded/non-embedded images
- Interactive Constraint indicators - icons that show constraint status now are intractable
- Drawing vertical arrows - holding ALT when dragging out an arrow will make it point up or down
- SplView Enhancements - hi-rez compress view option and now show back-cuts
- Output SPL quantities from GQMgr - send spool file to device up to 99 times
- Select by job palette - allows selection from the job palette • And many more customer requested features!
- Compatible with 32 or 64 bit versions of Windows 8 and 10.
- If using the EDGE 1 or 2 with Windows 10 the GSP USB to parallel cable is required (P83301A for \$99). GSP also offers a USB to Serial cable (P83305A for \$99) for output to GSP sprocket plotters.

### **Omega 6.5 released 2-27-17**

- Includes Groups of Groups – ability to assign groups within other groups
- Includes .plt file job costing of Gerber vinyls and foils using the .plt Extractor
- Improvements in outline, Shadow and BackCut Decals features
- New filters and tools to aid in easier customer presentations

### **Omega 6.0 released 3-31-16**

- Find My Font - Gerber Edition – match images of unknown fonts to fonts on your computer or to an online database of 130,000+ fonts
- View Applied Effects from Dialog Box – new “Apply” button lets you see your effects in Composer without leaving the dialog boxes.
- Raster to Vector and Decal Cut Improvements – better results with convenient presets
- Bitmap Fill Capabilities – Custom patterned vector fills with fast efficient GSPPlot rendering
- Add Logos to QR Codes – Add images or logos to QR codes
- Export Larger Image Files – feed high quality image files to wide format printers, up to 32,000 pixels
- New Arrow and Spiral tools and updated Pantone Coated palettes and samples.
- ArtPath Improvements – easier tool order rearrangement, map exported DXF file colors to layers, Crease Matrix for M-Series cutters
- Includes 48 special EDGE fonts, 62 ClipArt libraries, and 12 Highway Gothic Federal kern fonts - \$1,585 value
- Sign Shop Helper Vehicle templates updated to include newer vehicle models.

## **Omega 5.0 released 2-2-12 – The timesaving release**

- Improved Raster to Vector – cleaner, smoother conversion of images to vectors
- Automatic or manual weedlines in GSPPlot – easy to insert weedlines to be cut by your plotter
- Distorted gradient fills – now distort gradient fills, AND apply them right on screen
- Automatic Print to Cut with EDGE and EnVision 375 – calibrate once and no need to use your bombsite
- Improved Export to Hot Folder – Export more formats and use preset options in your folders
- Faster Composer selection and redraw – Composer simply runs faster
- New GSPPlot User Interface – Customizable screen and toolbars
- Federal Highway Administration interim-approval Highway fonts are included
- Optical Character Recognition (OCR) capability – read a text image and translate it to copyable text
- Automatic Guidelines in Composer are easier to place and use
- Automatic Nesting of Composer vinyl and EDGE design files – save foil and vinyl by better using blank space
- Improved PDF and DWG import and export
- ART Path Rules by Layer automated tool and template assignment based upon layer names
- Composer On-Screen Fills – Assign linear and gradient fills as you design

## **Omega 4.0 released 3-16-10 - The output release**

- Control Halftone Settings Automatically – Omega chooses for you based on the parameters of the job
- One step back cut decals – Give your customer decals that are cleanly cut, either square or around the shape, and back slit for easy crack and peel
- Undo after saving –The job you just saved still allows for undo!
- Choke/Spread top color
- Hi Rez Modes – Only in conjunction with the EDGE FX. Increases output resolution to approximately 1200x300 from the old 300x300 or 300x600. Much sharper small vector text and smoother gradients at high lpi settings.
- Improved barcodes, 1D, 2D and QR Codes
- Nesting Automatically in ArtPath – Hugely important tool for router owners
- Grid cut border – Lets you cut square grids in entire job rather than multiple weed borders
- Speedier rendering – Simply outputs faster

## **Omega 3.0 released 1-8-09 – The design release**

- ReAction/Action– Perform multiple operations on a line of text or shape, then go back and edit only one operation without undoing everything
- Excel Variable Data – Can use Excel spreadsheets for autotext info
- RegFixer – Helps you adjust a color to color mis-registration by moving a color by pixels
- Choke/spread multiple colors – Not confined to just one color anymore
- Layered multi weight cuts – Can easily set double, triple, or more cuts on a shape
- Image Editing – image editing tools and ability to apply various textures
- Medial Axis – finds the axes of a shape to allow creation of easy prismatic fonts
- Bar coding fonts – Added 147 1D and 2D barcode and QR code fonts
- Soft Shadow, Perspective Shadow – Design a “true” shadow that fade at the edges and/or fades into the distance

## **Omega 2.6 released 4-5-07**

- Speeds up router cutting when processed in Artpath
- Tracks Edit time – Can help you know what to charge, based on design/edit minutes.
- Automatic M Targets – Easier to place targets for cutting on the M series flatbed
- Tools toolbar – faster to access operations under the Tools Menu
- Import multiple files at the same time
- Spacing by a set distance

## **Omega 2.5.1 released 08-07-06**

- Paste Here and Import Location Cursors – easier to control where you place something
- Flip and rotate images – couldn't do this with images before
- Decal Cut now includes a slider to set the background white point for images, reducing the incidence of generating a decal cut that is a square or rectangle.
- Better control of foil heat setting in GSPPlot F11 Print Options
- Automatic Import Filter usage for AI and EPS files – allows cleaner importing
- Automatic Raster to Vector, based on the color depth of the image. If image is B&W (2 bits per pixel) Raster to Vector is used; If > 2 bits per pixel Posterize Image is used.

## **Omega 2.5 – released 12-20-05**

- Layered design and output – Do you like using layers in Adobe? Now do the same in Omega.
- Import capabilities improved for Adobe Illustrator AI, CS, PDF, EPS, and Postscript
- Clipping Paths or image masks – mask out and save only a part of an image
- Embed images into a .PLT file – No more “Where is the bmp?” questions!
- Dimensioning tools-measure objects, distances and angle and post on the job
- Improved Vinyl-only layering
- SPLVIEW Spool file viewer
- More fonts included – added 108 new Gerber fonts for free!

## **Omega 2.0 – released 4-14-03 NOT Supported by GerberService**

- Multiple Spot Color Gradients – Do a fade from red to blue to yellow to green!
- Demonstration Mode-lets you use Omega without a key to show someone a job (Can't save in demo mode.)
- Tint percentages for Spectratone base and top (not limited to 100% only; Allows creation of thousands more Spectra-tone color variations)
- STC Photo halftone – Excellent new halftone for a clearer printed image
- Improved Detail Edit – Many new tools and menus for faster editing
- Auto-recovery of jobs – Forgot to save your work? Go back and recover what was auto saved
- Color plot previews – Adds on screen color to previews in GSPplot
- Paper print plot preview and job info for proofing or instructions
- Improved measure mode – Easier to use rulers and easy to set dimensions
- Preview fonts from font CD – easier and faster to choose the proper font
- New USB Security Keys – More compatible with newer computers

## **Omega 1.56 – released 4-14-02 NOT Supported by GerberService**

- 32 bit operating system
- Standardized Windows look and feel
- Dockable toolbars
- Multiple windows and modes may be used simultaneously
- Long file names (more than 8 characters) and Most Recent File Used list
- Virtual Workspace – easy to move around on screen
- Right click menus
- Import many more file types, more current file types
- Copy and paste from other applications
- Files can contain many more objects. Create text intensive jobs, clipart, multiple repeats without having file format limitations
- Multiple Undo/Redo (no longer limited to only one)
- Text on the Work Surface (no longer limited to using the old text entry screen)
- On-screen shape creation (easy tools to make various common shapes)
- Gerber PowerKeys
- Warp tool – Adds on screen distortion and perspective tools