

Release GC-Prevue v13.3

Notes

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New Features

Select / Unselect Polygons

An entire polygon can now be selected or unselected by using these options on the right click menu. The polygon that sits under the crosshair is selected or unselected if it is on an edit-ready layer. If a polygon contains one or more sub-polygons (i.e. a polygon that interacts with another polygon to form clearances) then these polygons will be selected separately.

Reorder Polygons

This function reorders polygons that are selected so that all selected polygons become sub-polygons of the largest polygon. This will produce interactions between selected polygons and can be used to create the correct interaction between polygons.

Auto Set Bedsize

An option has been added under the Tools > Bedsize menu item to set the bed size to the extents of the visible data. This option is intended to aid in cases where negative layers are displayed in True Film mode but some or all of the data sits outside the current bedsize.

Enhanced Features

Co-ordinates Summary

The co-ordinates summary now also shows the angle in the Relative Co-ordinates summary. The angle is measured from the Zero Relative location to the current crosshair location.

Grid Size

The default grid size can be set in the Tools > Customize > Options tab. This is the grid size that will be used for all new jobs. If a GWK is loaded then the grid settings are taken from the GWK file.

On Line Help

As always the On Line Help has been updated to include these new and enhanced functions.

Items Fixed since v13.2.2

This list is customer reported issues fixed for this release.

#3265 Fixed issue with unpredictable tool bar resizing and application crash when hot keys were used within GC-Explorer

#3250 Fixed a minor message error. In the aperture table editor, manually changing an aperture's D code to match the D code of an existing aperture results in the message, (eg) "a001 already contains T Code 11. Create duplicate T Code? It now says D Code rather than T Code.

#3238 Certain RS-274-X files containing specific characters and strings were being incorrectly recognized as DPF job files. This has been addressed.

#3237 Increased security features added to all license controlled products.

#3235 Updated the Query dialog to correctly display the sixth D-Code number (when necessary).

#3232 Implemented new solution that allows unlimited macro name length and unlimited use of tilde character within an RS-274X file.

#3198 Improved the format recognition of drill files.

#3189 Massaged drill table reader to continue looking for a stand-alone UNITS line after finding an apparent units declaration in comment(s).

#3159 Auto-adjust bedsize option added (see above).

#3143 Clean up of unallowable layer extents when loading a GWK file is now implemented.

#3139 Feed Rate in Drill Rack was being incorrectly assigned during Fixed Width file parsing. This problem is now corrected. Also a valid range of 10 - 500 inches/minute was introduced based on the limits of the Excellon CNC-7 specification.

#3130 Problem with crash due to array overflow while reading very large numeric sequence into a temporary buffer has been fixed.

#3115 Filter Selection fields are now cleared following the running of the function.

#3075 Fixed minor problem with the Jump to Component Hotkey not working in the right click menu.

#3022 Updated the values determined by the auto import code regarding the arc quadrant/full switch.

#2891 Merging GWK files incorrectly counted the number of layers in use and would then incorrectly report that the list was full. This issue has been addressed with a message to explain to the user their options.