Release Notes for Phoenix V7.50.8 Software

The following sections describe changes that have been made to the Phoenix software.

Notes:

- **Important!** If you are updating your Phoenix software from a minor release of one version (for example, 7.50.3) to any version of a later, major release (for example, 8.50.0), you must first update to the latest minor release of your current version (for example, 7.50.5) before you update to the later, major release.

- If you are downloading an updated version of Phoenix software to your CNC, you must download and install the software before you update cut charts.

- Do not attempt to use updated cut charts until you have installed the corresponding, updated version of the software.

- If you update the software and cut charts and then restore a previous version of the software, you must also restore the corresponding cut charts.

Version 7.50.8

Software Resolutions

- Part programs no longer resume with the previous wrong tilt angle after Pause, Backup on Path and Resume.

- When the arc voltage is changed on the Process Watch screen, it is also changed on the Process screen.

Version 7.50.7

Software Enhancements

- The HPR/4070 Disable Power Supply message no longer displays during motion.

- Unicode filenames now display in Load and Save setup screens when loading from a USB memory device to the hard drive folder

- In systems with a Sensor THC, if the Sensor THC home switch is on (even after homing is performed) and if the Nozzle Contact Enable output is on (which occurs after the IHS height is reached), the THC begins an IHS move.

  Note: This happens automatically and is not a parameter that can be set.

- Support for transformed bevel head use has been added so that when Pause and Resume are used, the transformed angles are maintained.

- Navigation with a mouse has been enhanced for users of Phoenix Version 7.0 and 8.0 who do not have a touch screen.

  Note: Users must first click the mouse to move the cursor on the screen.

Software Resolutions

- When using X or Y mirroring with bevel and the Shape Wizard, the tilt axis is now tilted correctly if the user:

  1. Loads a part, enters Part Options, and selects 90 degrees and Y Mirror options.

  2. Enters ShapeWizard, selects the highlighted line, and presses Replace Segment.

- When raise and lower torch jog keys are grayed out in the Watch Window, they no longer function for the Command THC or Sensor THC.

- A tilt angle is retained, if it is active, during a Sensor THC HIS and pierce after the following sequence of steps are completed:

  1. Cut

  2. Pause

  3. Resume

  4. Pause

  5. Backup on path with a pierce

Version 7.50.6

Software Enhancements

- Phoenix software now supports negative cutoff times with more than 3 significant decimal figures.

- When the CNC powers up, a warning message now appears if the operator still has key logging turned on. The operator will be able to turn key logging off without a password from this warning message.

Software Resolutions

- Manual operation now operates as expected after a torch collision.

- Phoenix software no longer crashes if the operator exits manual operations after pressing the Help button.

- Command THC messaging has been changed to ensure alternating raise / lower messages are not simultaneously displayed during certain setup conditions.

- Position error faults no longer occur when resuming marking after trialing with certain acceleration and deceleration settings.

Version 7.50.5

Software Resolutions

- Phoenix no longer locks up if the operator stops the system while traversing from marker offset to the proper location to start cutting.

- If an operator starts in trial mode with an active tool offset and then pauses and switches to plasma or oxy-fuel mode, the operator can now cancel the offset, as well as pause and resume while canceling the offset.

- The Drive Enable output value is now retained after the user exits the I/O Diagnostics screen.

- The Load Data soft key on the Process screen no longer checks to see if the file name exists.

- Restore Last Version may not be sufficient when updating or restoring to major versions of software.

  Cut charts must be reloaded for the last version before you restore the last version.

  Alternatively, perform the following steps:

  1. Press or click Reset on the Station Config screen.

  2. Press Restore Last Version.

  3. Reload cut charts for the last version.

  4. Reload the setup file for the last version.

- Users can now enter decimal numbers in the Process Data Watch window fields.

- Changes have been made to insure that, when using Negative Cut Off Time for plasma cutting, motion ends when the cut control signal turns off early or when speeds are changed during a cut.

- The raising and lowering torch status messages are now cleared after the torch finishes moving, eliminating displaying a message when there is no motion.

- The T*value* is no longer being dropped from M08 codes during nesting with Auto or Manual Nester. HyperNest CNC version is now 2.00.1 and is required to support this change in Version 8.50.0.

- Phoenix no longer occasionally displays an error when the operator pauses operations to modify the kerf value in the Setup Cut screen.