

i-cut Vision Pro 7.2 Release Notes

October 25, 2011

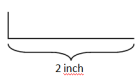
New Features

Enhanced Washout

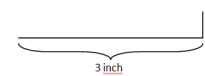
The Washout feature now removes all waste in any washout area, allowing it to be used for creating pockets and inlays in addition to pulverizing loose waste pieces. The efficiency of the washout paths has also been improved.

Advanced Edge Recognition

Edges and corners can now be used as registration marks in a regmark layer:



A shape like this makes the system look for a lower left corner and go two inches up the X-axis to detect rotation.



A shape like this makes the system look for a lower right corner and go three inches down the X-axis to detect rotation.

Adding a straight line to the regmark layer will result in the job being repositioned in a single axis. This can be used to track the edge of an unprinted roll throughout production, improving registration between segments.

Show Open Curves

Activating the Show Start Point option now also indicates the ends of any open curves. The drawing shows a closed curve, an open curve and an open curve with a gap:



Multi-pass Lead-in/Lead-out

The Lead-in/Lead-out feature can now be used in conjunction with multi-pass production. The lead-in and lead-out curves are added to each pass automatically at production time.

First Copy Regmark Search

A new option in the Production Manager activates regmark searching for the first copy of a production. The default regmark size is taken from the previous production.

Standard Configuration Cutting Keys

Standard configurations now automatically load the default cutting key library for the selected device. Cutting Keys no longer need to be loaded separately after the standard configuration is applied.

Apply Import Filters

Key import filter features, including Connect Open Curves, Reject Small Curves, Set Curve Directions and Move to 0,0, can now be applied to selected curves by clicking Apply Import Options in the Edit menu.

Cutting Keys Auto-apply

Opening a file by double-clicking, right clicking and selecting “Open with...” or dragging onto the work area now applies the current cutting key. Deactivating the Apply Cutting Key option in the Open dialog also disables the auto-apply feature.

Use Work Area Warning

A new warning is displayed if a dynamically applied tool offset curve is outside the table limits when the Use Work Area option is activated.

Resolved Issues

Edit Production Behind Main Dialog

The Edit Production dialog often appeared behind the main dialog, giving the illusion that the system was not responding. Now it always appears on top of other dialogs.

i-script Layer Selection

Using i-script files to open and run other cut files failed because the layers of the opened files weren't automatically selected, resulting in a “Nothing to Produce” error. Now all layers of all files opened from i-script files are selected automatically.

SW, XON/XOFF Serial Communication

SW, XON/XOFF serial communication resulted in lost data on some supported devices when the buffer was exceeded.

Output Actual Not Sent

When performing a camera offset using the Show Camera dialog, the initial movement was not executed immediately because no Output Actual command was being sent.

Edge Recognition Scaling

When using Edge Recognition the original size of the job was not maintained. Some compensation was being applied based on the positions of the edges.