

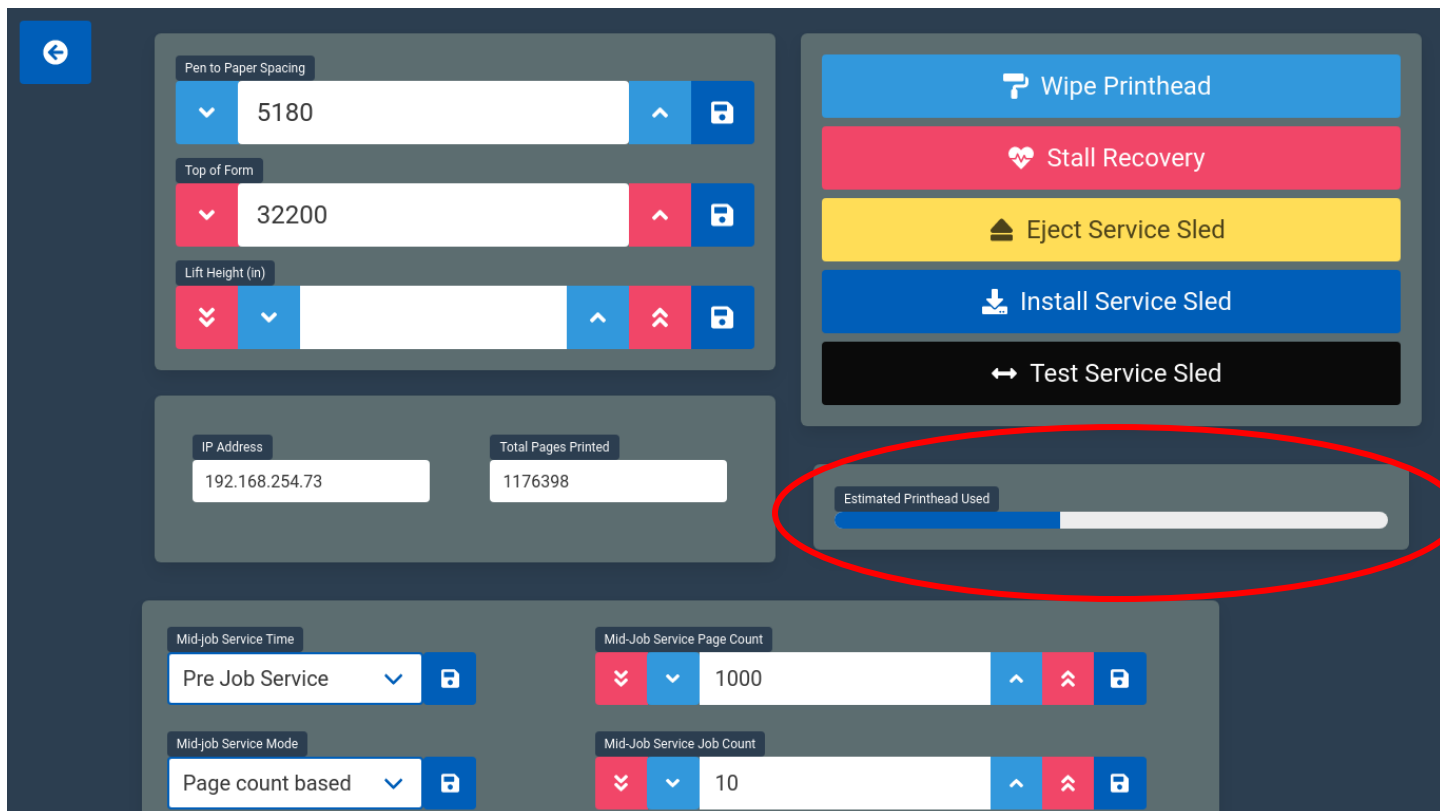
iJetColor Pro 1175P Printhead Life

This document describes how to determine the estimated printhead usage and remaining lifespan.

The printhead lifespan is determined by the number of times an inkjet nozzle fires. Typically, this is determined by the number of liters of ink that the nozzle fires. Eventually the nozzle will have fired so many times that it will stop function properly.

There is an easy way to get an estimate of the remaining lifespan of the printhead. In the iJetColor Pro 1175P Machine Control Interface (MCI) click the “settings” button. In the settings page there will be a field titled “Estimated Printhead Used”. This will graphically display the estimated use of the printhead based upon the amount of ink consumed. Once the blue bar has filled the entire field, the printhead lifespan has been reached. Due to the many variables during printing the printhead may exceed the reported printhead life. It is recommended to only replace the printhead once output quality deteriorates to a point that it is unacceptable.

To maximize the printhead life it is recommended to periodically shift the location of the envelope feed and location of the printing. This will spread the use over the width of the print bar and therefore use each nozzle fewer times to increase nozzle lifespan.



The screenshot displays the Machine Control Interface (MCI) settings page. The interface includes several configuration sections:

- Pen to Paper Spacing:** A numeric input field set to 5180.
- Top of Form:** A numeric input field set to 32200.
- Lift Height (in):** A numeric input field with a dropdown menu.
- IP Address:** A text field showing 192.168.254.73.
- Total Pages Printed:** A text field showing 1176398.
- Mid-Job Service Time:** A dropdown menu set to "Pre Job Service".
- Mid-Job Service Page Count:** A numeric input field set to 1000.
- Mid-Job Service Mode:** A dropdown menu set to "Page count based".
- Mid-Job Service Job Count:** A numeric input field set to 10.

On the right side, there are five action buttons: "Wipe Printhead", "Stall Recovery", "Eject Service Sled", "Install Service Sled", and "Test Service Sled". At the bottom right, the "Estimated Printhead Used" progress bar is highlighted with a red circle. The progress bar shows a blue segment representing the current usage level.