

## Section 1 - Installation Guide

### 1.1 Printhead Set up and Cabling

Details on the machine set up can be found in Section 2.

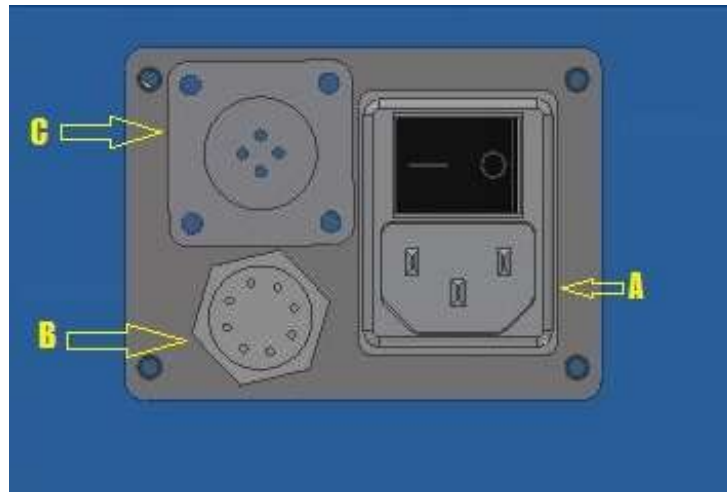
A quick overview of connecting the head and cables is pictured below:

1. Remove the printhead from the box and set it on the mounting arms. Line up the feet with the holes and insert the silver shoulder bolts.

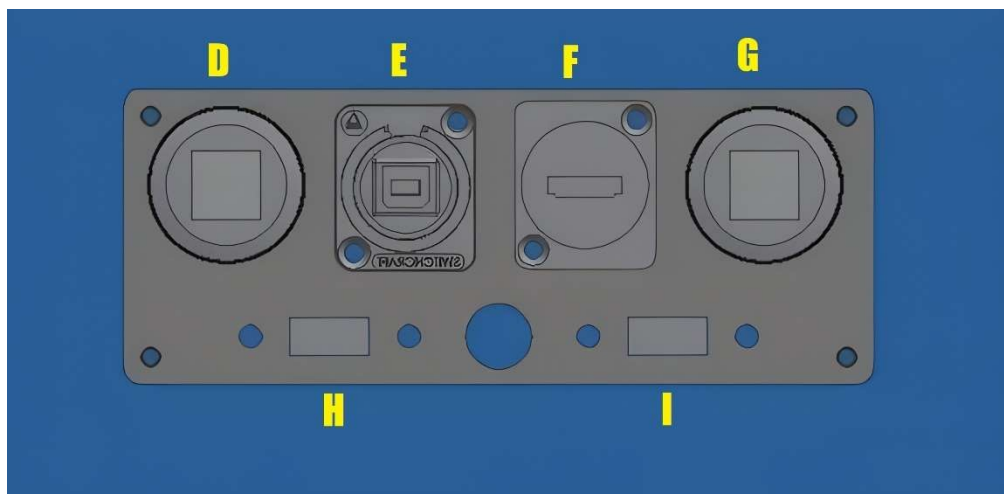




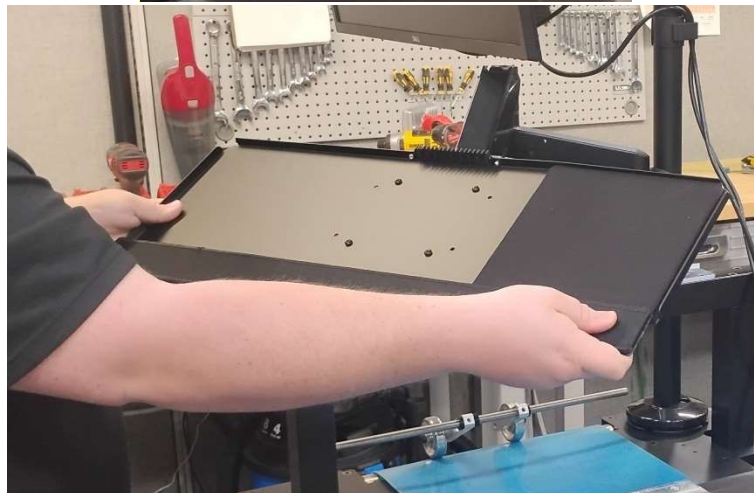
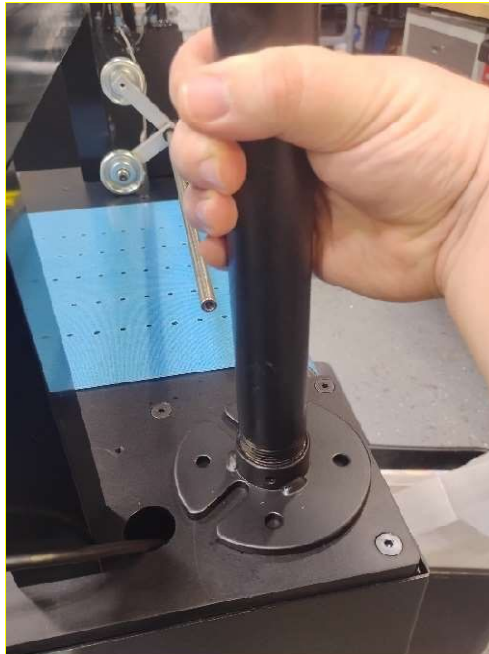
2. Insert the cables into the back of the head using the annotated diagram below:



- a. The power cable
- b. The encoder cable
- c. The feeder cable



- d. Not used on the 1175C
  - e. USB (to RIP)
  - f. Not used on the 1175C
  - g. Ethernet (to RIP)
  - h. RIP – USB (to RIP)
  - i. Lift Controller (to RIP)
3. Attach the monitor mounting pole, then add first the keyboard arm, then the monitor arm. Tighten them in place using an M6 Allen wrench.





4. Insert the HDMI and power cables into the monitor.



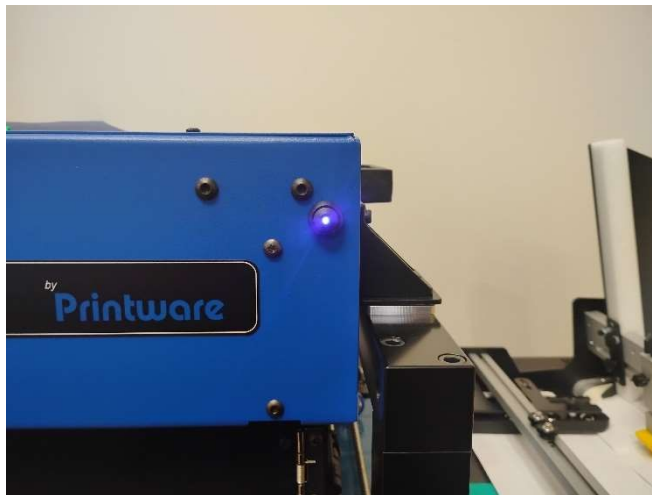
## 1.2 Powering on the Printhead

To power on and off the printhead correctly, a few steps must be followed.

1. Turn on the main power switch for the base.



2. Turn on the power switch for the printhead.
3. Press the power button located on the front of the printhead. Ensure the LED is lit up to indicate the printhead is powered on.



To properly power down the printhead:

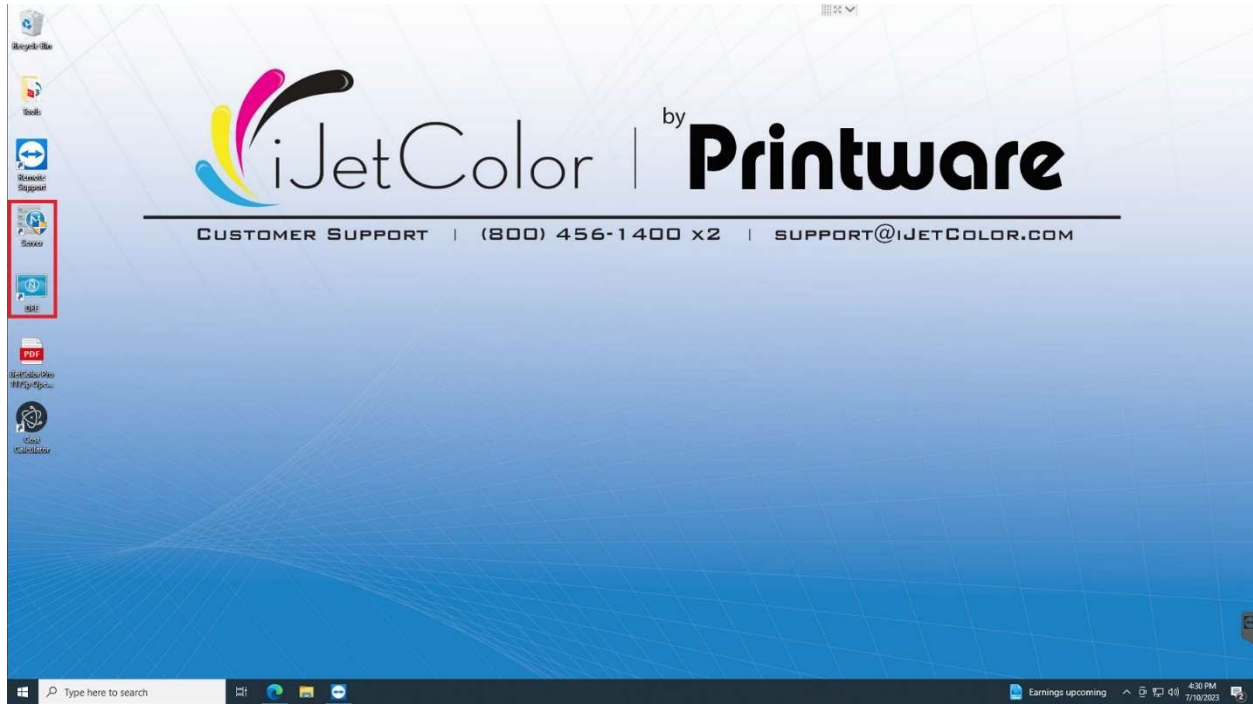
1. Press the power button located on the front of the printhead. After a couple of seconds, the LED should turn off. Once the LED turns off, you are safe to proceed to step two.
2. Turn off the rocker switch located on the back of the printhead to completely shut down the printhead.
3. You can now switch off the rocker switch on the base to kill all power to the tabletop.

### 1.3 Launching and Closing the Flow Software

The software for the Flow is two parts: Navigator Server and DFE. The DFE stands for Digital Front End and provides a graphical interface for printing. The DFE is dependent on the Navigator Server running to communicate with the printer.

The steps to launch the Flow software are as follows:

1. Launch the Navigator Server located on the RIP/PC Desktop background.
2. Launch the DFE located on the RIP/PC Desktop background. It will launch in your default web browser.



The steps to close the Flow software are as follows:

1. Close the DFE tab in the web browser.
2. Under the Navigator Server application, click on “File” in the upper left corner. Select “Exit” from the drop-down menu.

Note: The Navigator Server will take roughly a minute to fully shut down the application. When shutting down, the server makes a backup of the DFE and all changes since launching. While it may appear that the server is not responding, do not force quit the application or no backup will be saved.



## 1.4 Introduction to The DFE (Digital Front End)

The Navigator Digital Front End is a print management system for digital printers. It supports web and sheet fed printers and printing presses from desktop to light industrial to heavy industrial.

Based on the fast and accurate Harlequin Host Renderer, the Navigator DFE can prepare your jobs. It helps you keep track of jobs, position them on paper, controls the color with several color management and calibration tools, and is ready to support a host of inkjet drive electronics and printheads from many manufacturers.

Here is an introductory look at the interface and the controls.

The main job screen is divided into two main sections:

1. The top third is feedback from the DFE and from the printer about the current print job.
2. The bottom 2/3 is the job queue.

The screenshot displays the Xitron Navigator DFE interface. At the top, the Xitron logo is visible. The main area is divided into two sections. The top section shows job details for 'No10env3.pdf', including paper type (Envelopes High Res 1), offset (0.000, 0.000), media size (HP Default), and layout. A color calibration chart is also shown. The bottom section displays a job queue table with columns for Preview, Job, Quantity, Pages, Status, Media Size, and Archive. The queue contains three jobs: 'No10env3.pdf' (Canceled), 'Spot Colors - Eagle Logo.pdf' (Paused), and 'Art Council 6x9.pdf' (Canceled). The interface also includes a 'PRINT QUEUE' button, a 'RECENT JOBS' button, and an 'ARCHIVE' button. A search bar and a 'Viewing 3 jobs' indicator are located at the bottom right.

Preview	Job	Quantity	Pages	Status	Media Size	Archive
<input checked="" type="checkbox"/>	No10env3.pdf	1	1	Canceled	HP Default	
<input type="checkbox"/>	Spot Colors - Eagle Logo.pdf	1	1	Paused	HP Default	
<input type="checkbox"/>	Art Council 6x9.pdf	1	1	Canceled	HP Default	✓

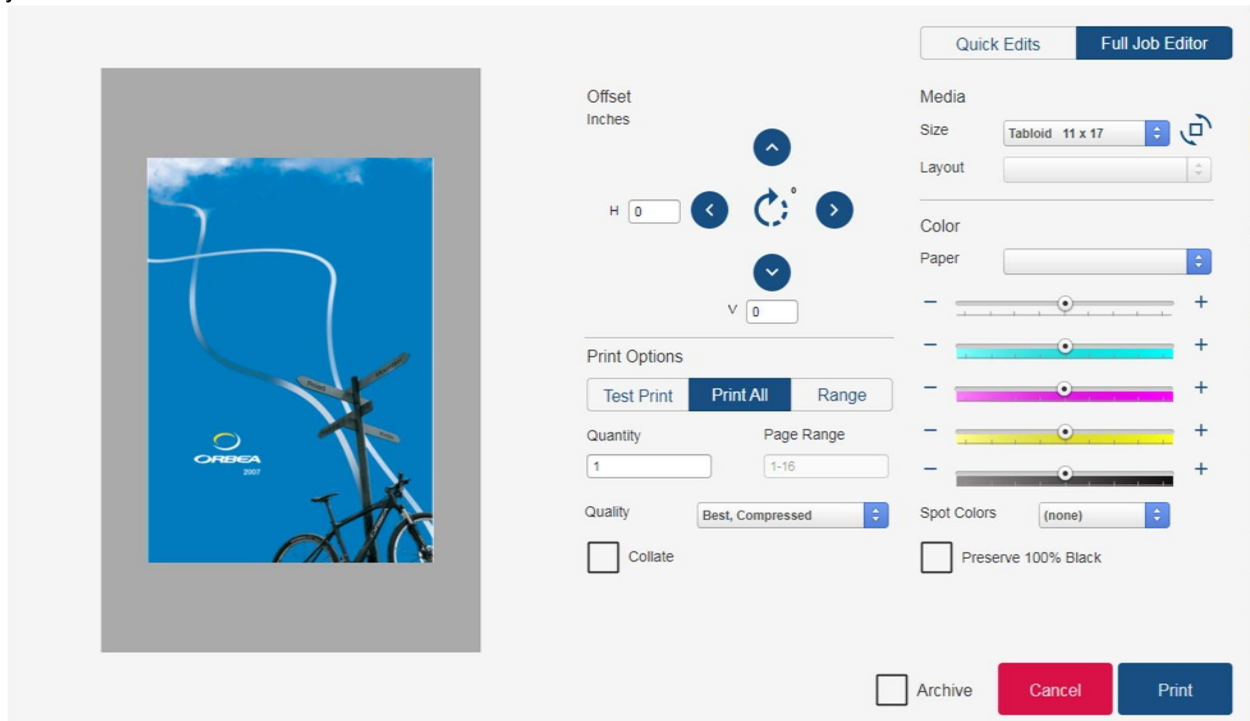
The UI is designed to work just as well with a touch screen or a keyboard and mouse. Consult your sales representative for a recommendation of a compatible touch screen.



Looking at the top third of the main screen:

1. Feedback is always in front of the DFE operator.
2. On the left-hand side, you will find job data.
3. In the center is the thumbnail view of the current printing job.
4. On the right is feedback from the printer and printer controls.
  - Cancel or pause the running job.
  - Access the printer control panel.

The primary job ticketing is done through this interface, which pops up automatically when you submit a job:





## 1.5 Adding Jobs to System

There are three ways to enter a job into the Navigator DFE:

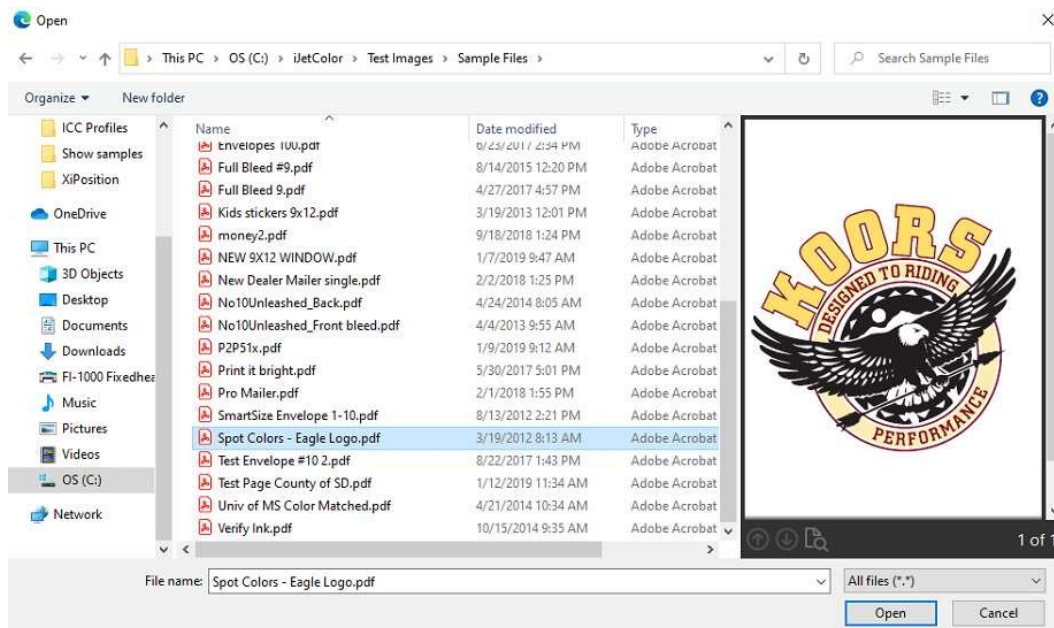
1. The Add Job Button
2. Drag and Drop
3. Hot Folder

### Add Job button

Locate the add job button on the web interface.

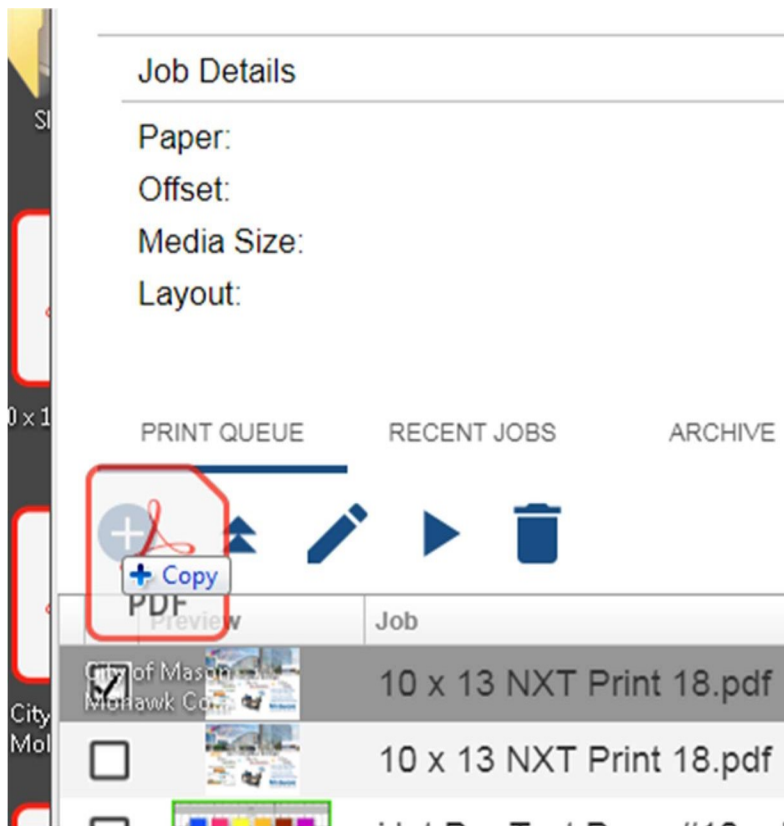


Select the + button. Navigate to your file in the pop-up window. Select your file, then select the OPEN button.

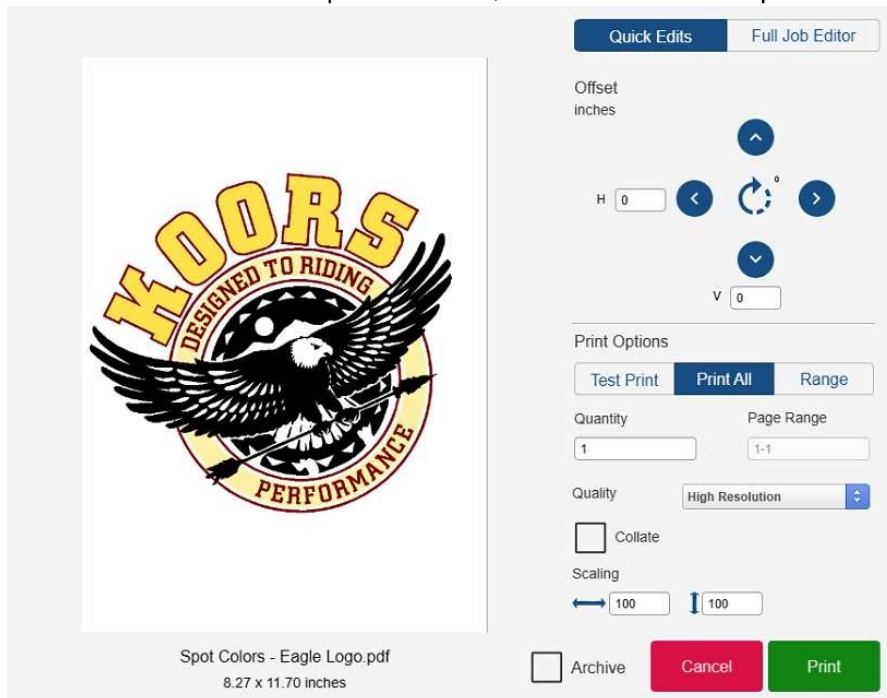


### Drag and Drop

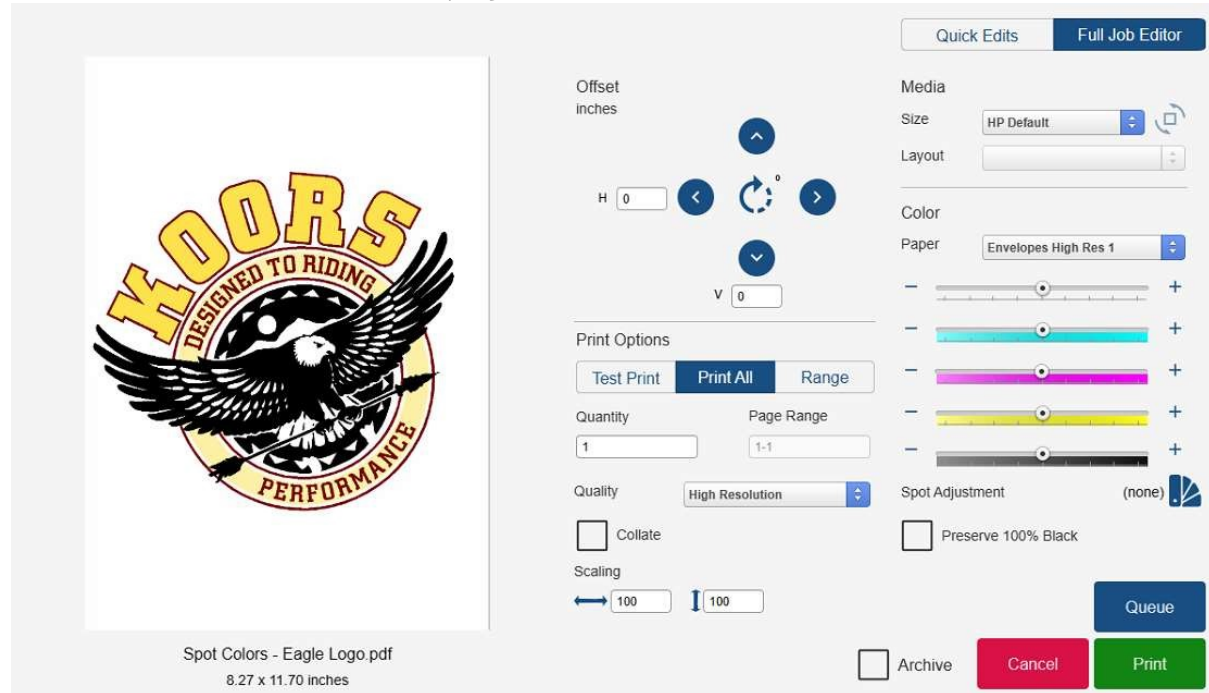
You may also simply drag a PDF right over the "Add Job" button. When the icon of the PDF says "Copy", you can drop it.



Whether you Drag and Drop or use the file navigation window, you'll come to the same job ticket window. After the file is uploaded the QUICK EDITS screen is opened.



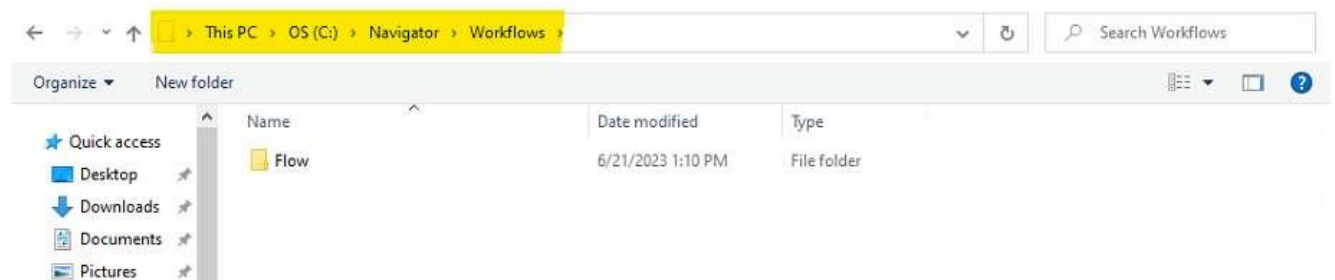
In this screen you can make various changes such as rotations, print range, collation, etc. You can also select the FULL JOB EDITOR at the top right.



In this screen you can do the same changes as the QUICK JOB EDITOR as well as changing the Paper Profile, Overall Color Changes and Spot Color Adjustments. When you have made any necessary changes, select "Print" and your file will be sent to the printer.

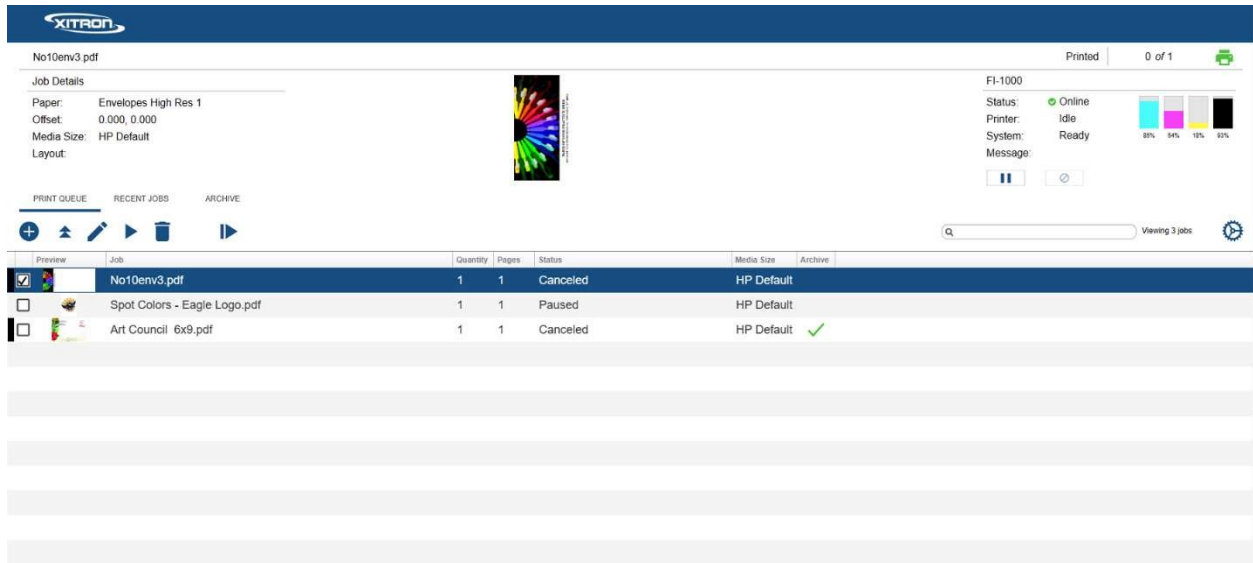
### Hot folder

You can save or copy or drag a PDF directly to the DFE folder at c:/Navigator/Workflows/Flow.



Files copied in this way will go directly into the queue on hold with default configuration settings.

Note: Be sure to drop the files into the *Flow* folder itself and not the parent folder *Workflows*.



You can either release the job to print or edit the job's settings before printing.  
To edit the print settings first, highlight the job and click the Edit Job button.



To simply print the job with default settings, highlight the job and click the Release button

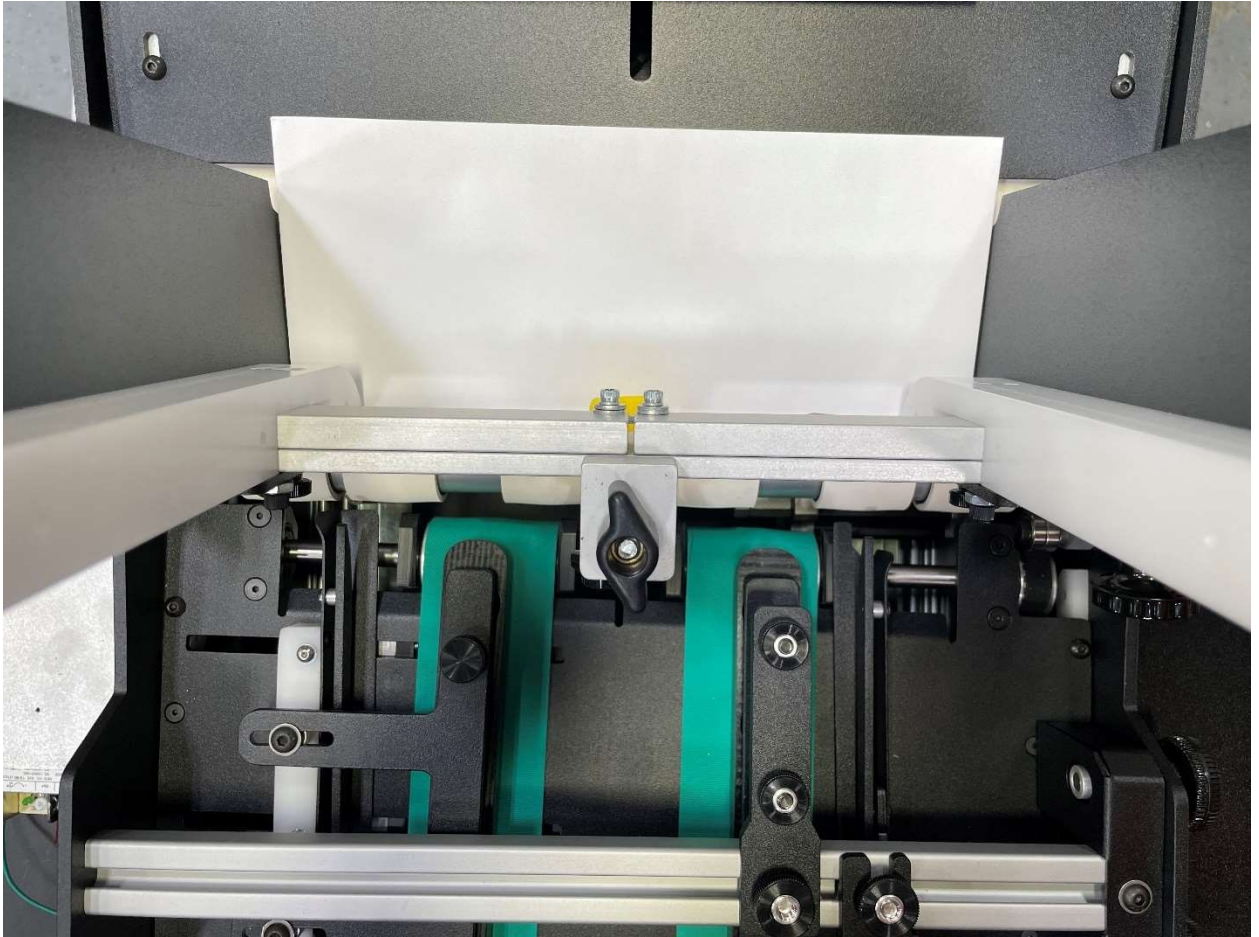


## 1.5 Setting Up the Feeder

Please refer to Section 3.3 for a detailed walk through of the feeder.

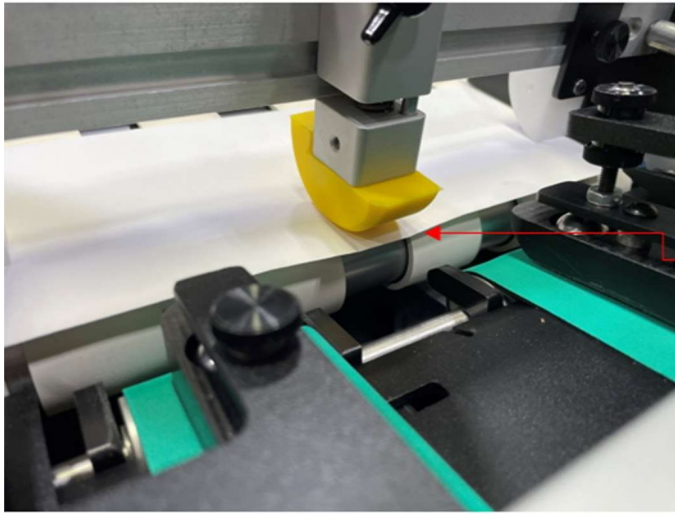
To set-up the feeder:

1. Adjust the paper guide fins to fit the media you wish to print. Ensure the side guides are tight but still have a 1/16<sup>th</sup> inch gap between the media.





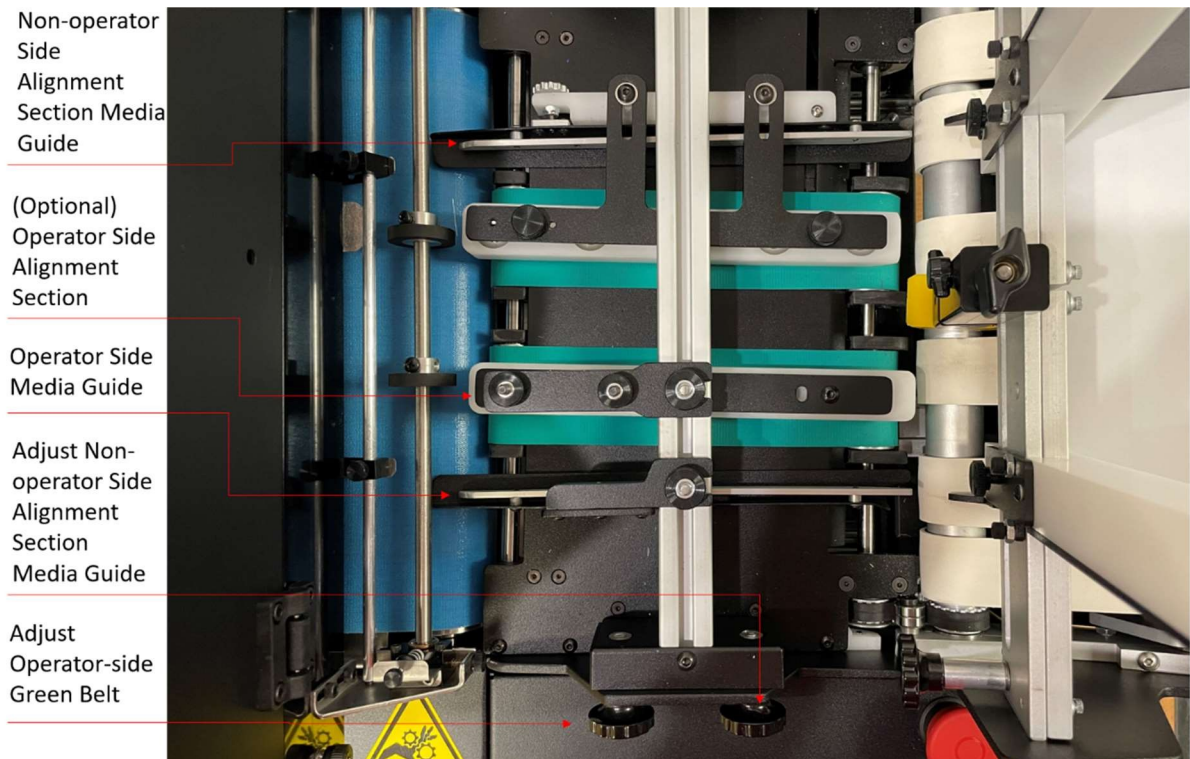
- Slide the envelope under the yellow foot and adjust the sheet separator. Adjust until the envelope just begins to bow under the yellow foot.



Lower the sheet separator by turning the adjustment knob counter-clockwise

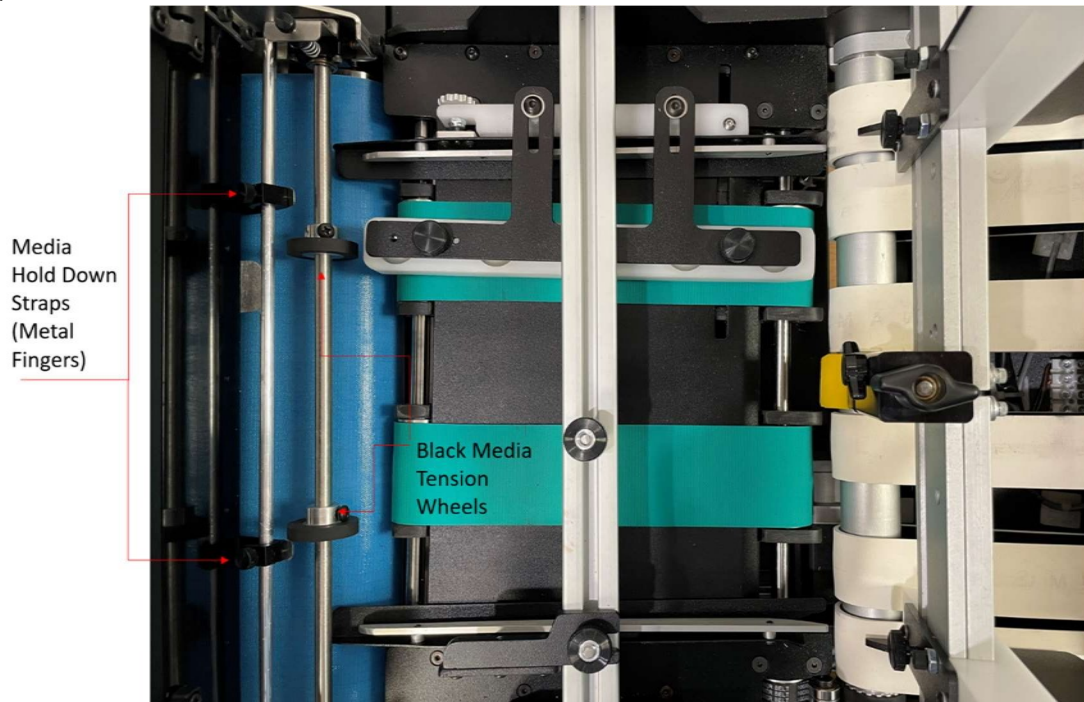
Adjust the separator down until it just begins to buckle the envelope

- Align the non-operator alignment section media guide and operator side media guide to the paper guide fins.





4. Adjust the media hold down straps and black wheels so they are evenly spaced, and the media passes below.



5. Use the Jog button located on the back of the feeder to ensure everything is running properly. Adjust if necessary.



Please refer to Section 3.3 for a detailed walk through of the feeder.