VariQuest®
Perfecta® STP Series

Perfecta® 2400STP & Perfecta® 3600STP
Poster Design System

Quick Start & Introduction

Perfecta® STP Series Quick Start

Introduction

This introductory document includes legal notices and safety instructions, describes the use of the front panel and lists error messages that you may encounter. For further information, contact your authorized VariQuest® Dealer.

This introductory document works for both the Perfecta® 2400STP and the Perfecta® 3600STP. Information provided is identical for both machines unless otherwise noted.

Remember: Use only genuine VariQuest® Perfecta® Ink Cartridges

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Front Panel

The front panel gives you complete control of your printer. **Dynamic** information in central area displays current activity. Dashboard (swipe down from top) displays **Home screen** icons. **Fixed** icons on left and right (normally not all displayed at once). **Power** ⏻ is illuminated when the printer is on.
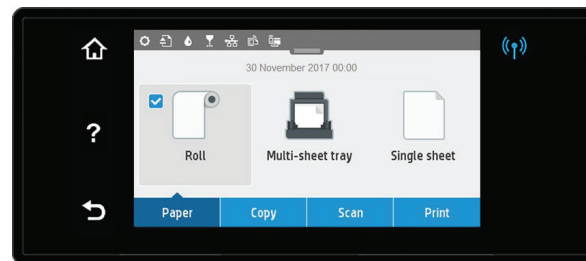
1. Fixed Icons

Icon	Description	Icon	Description
🏠	Return to home screen.	↩	Return to previous screen.
❓	View current screen help.	((•))	Wireless network active (blue).

2. Home Screen Icons

Icon	Description	Icon	Description
⚙	Change printer settings.	🖨	View printhead information.
⏏	Eject scanned original.	🖧	View network status and configure network (wireless or wired).
🖤	View ink supply information.	📶	View WiFi direct information.
		📱	View and configure ePrint.

3. Dynamic Icons

Icon	Description	Icon	Description
🗞	Roll paper options.	📄	Single-sheet paper options.
🖨	Multi-sheet tray options.	☑🖨	White check indicates active paper source.

Install Ink

⚠️ **CAUTION!**
Do not remove an ink cartridge while printing. Make sure you insert the ink cartridge into the slot with the same colored letter as the cartridge you are installing.

To replace an ink cartridge:

1. With printer **ON**, open ink cartridge cover and wait until carriage stops moving.

2. Pull out the ink cartridge.

3. Insert the new ink cartridge and close ink cartridge cover.

[1] [2] [3]
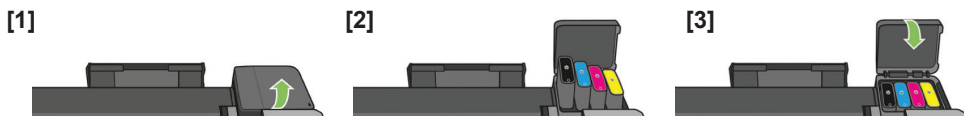
💡 **MAINTENANCE TIP:**
To maintain the printhead health, we strongly recommend that you leave the printer on or in sleep mode, whenever possible. In both cases, the printer will wake from time to time to maintain the printhead.
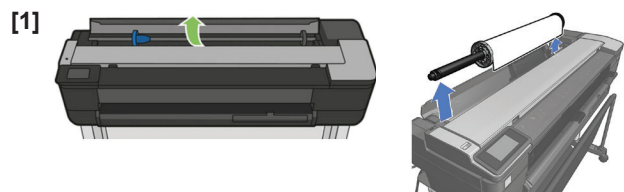
*To do this, on your printer's control panel, tap/drag down the top menu > Select ⚙ > Scroll down to **Auto-Off** > Select **Never**.*
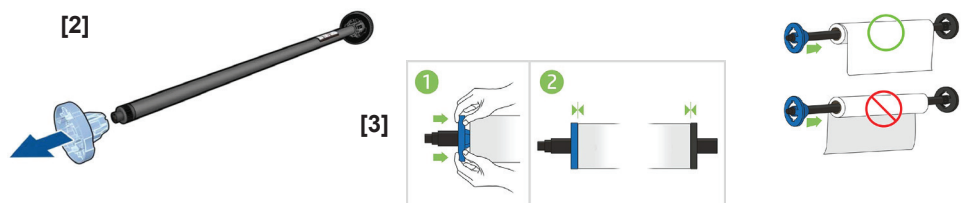
Install Paper
Load Spindle

1. Open roll cover and remove spindle. **Do not insert your fingers into spindle supports during the removal process.**

[1]

2. Remove blue paper stop from end of spindle and slide on new roll. Orient paper as shown.

3. Replace blue paper stop on open end of spindle and push toward roll.

[2]

[3]

Load Paper Roll in Printer

1. On dashboard, press ▢, then touch **Load Roll**. Open roll cover and insert spindle with blue hub on left (from front). Ensure paper edge is straight.

2. Insert edge of paper into printer and roll until you feel resistance. **Do not push your fingers inside paper path**. When printer detects paper, it beeps and feeds in paper automatically.

[1]

[2]
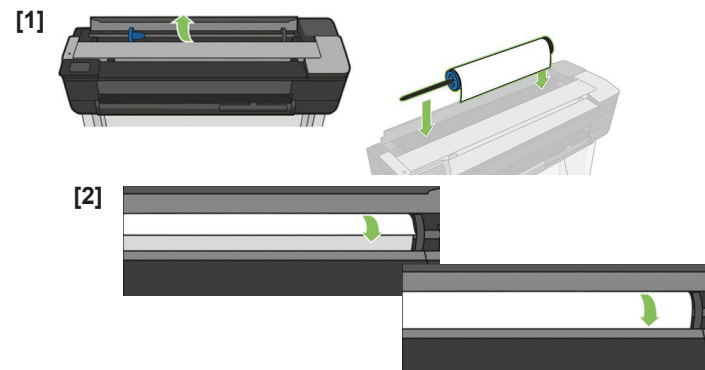
3. On front panel, select paper category and type. Touch **More paper types** to see more types. Close roll cover and touch **OK.**

[3]

Roll: Paper Type		Paper category	
● Plain Paper		Bond and Coated Paper	>
		Technical Paper	>
		Photo Paper	>
More paper types		Film	>
		Adhesive Paper	>
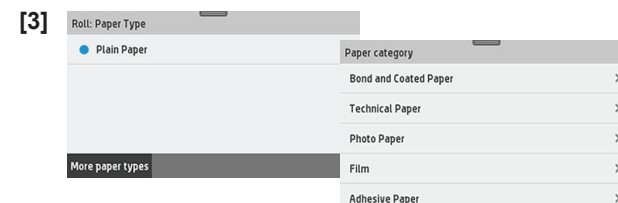
Use the Multi-Sheet Tray

If a roll or single sheet is already loaded, you will have to touch **Unload Roll** and wait until it is automatically unloaded. If no roll is loaded or the roll has run out of paper, the multi-sheet tray is active by default.

1. On front panel, touch ▢ then **Use multi-sheet tray** and adjust the input and output tray extensions, depending on the length of the paper: the first extension is for A4 and the second extension for A3 paper.

[1]
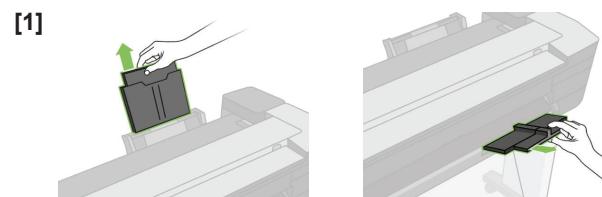
2. Load sheets of paper into the tray with printed side facing outward. Ensure that the sheets are all the same size.

3. Adjust tray to fit width of paper.

[2]

[3]
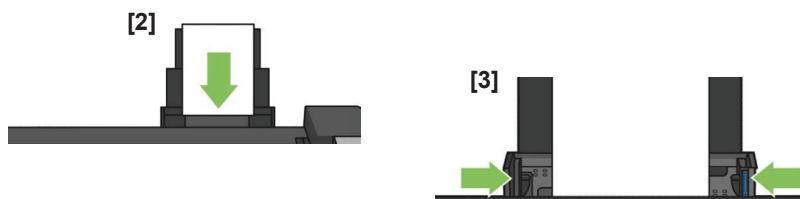
Connect the Design Center 2300 (DC2300) to the Perfecta® STP Series Printer

Before printing from the Design Center to the *Perfecta® STP Series* printer, you must first set up the Design Center software and the *Perfecta STP Series printer.*

Note: For further instructions on connection methods, please visit the User's Guide at resources.variquest.com

Select a Connection Method

Follow the tree chart to help identify what connection method is best for you.

Do you want access to the internet/your network?

No → Wired or wireless connection?

Yes → Do you want your printer on your network?

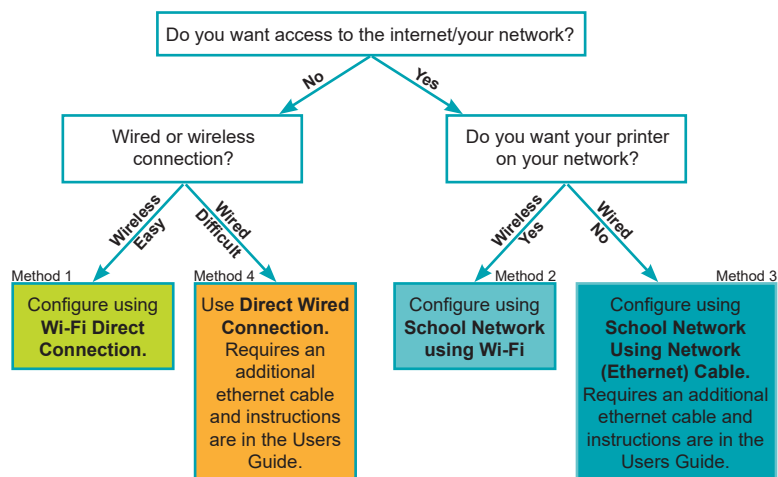Wireless Easy → Method 1: Configure using **Wi-Fi Direct Connection.**

Wired Difficult → Method 4: Use **Direct Wired Connection.** Requires an additional ethernet cable and instructions are in the Users Guide.

Wireless Yes → Method 2: Configure using **School Network using Wi-Fi**

Wired No → Method 3: Configure using **School Network Using Network (Ethernet) Cable.** Requires an additional ethernet cable and instructions are in the Users Guide.

Still not sure which connection is best for you or looking for more information on each connection method? Review the chart to the right for more details.

Wi-Fi Direct - Method 1 *(Preferred Method)*

Note: Easy to install - instructions on page 5

Wi-Fi Direct is a connection that allows for device-to-device communication, linking devices together without a network.

Advantages:
- No IT required
- No additional cords required
- Printer and Design Center are off the network

Disadvantages:
- You are unable to get access to the internet or Google Drive™ online storage service without disconnecting from the printer
- You are unable to print from multiple locations across the school

School Network Using Wi-Fi - Method 2

Note: Medium difficulty to install - instructions on page 5

Advantages:
- Access to school network and Internet access with Google Drive™

Disadvantages:
- IT involvement
- The printer may be discovered by others on the network involvement

School Network Using Network (Ethernet) Cable - Method 3

Note: Medium difficulty to install - Access the User's Guide, located at resources.variquest.com *Requires additional ethernet cord (not included)*

Advantages:
- Access to school network and internet access with Google Drive™
- Printer is off the network and not discoverable without a password

Disadvantages:
- IT Involvement
- Requires an additional ethernet cord

Direct Wired Connection - Method 4

Note: Most difficult to install - Access the User's Guide, located at resources.variquest.com *Requires additional ethernet cord (not included)*

Advantages:
- No IT Required
- Printer and Design Center are off the network
- This ensures connection if you are having difficulty keeping a strong connection between the Perfecta® STP Series Printer and Design Center

Disadvantages:
- Spatial requirements due to a wired connection
- Requires an additional ethernet cord

Configure DC2300 & Perfecta STP Series via Wi-Fi Direct - Method 1

Note: This is a direct wireless connection and does not use any external networks.

1. On the *Perfecta® STP Series* Printer, setup your Wi-Fi Direct connection.

   Turn on Wi-Fi Direct:

   a. Drag down or tap the top menu

   b. Touch ⚙ on the top left

   c. In the Setup menu, select Wi-Fi Direct

   d. In the Wi-Fi Direct Settings menu, toggle Wi-Fi- Direct to ON.

   e. In the Connection Method, choose Manual, then touch 🏠 to exit.

   To Verify Wi-Fi Direct is Enabled:

   a. Drag down or tap the top menu

   b. On the *info* menu, verify the printer's Wi-Fi Direct connection is enabled by scrolling up or down to find the correct printer (e.g., **Direct-xx HP DesignJet T830**). If Wi-Fi Direct is enabled, the Wi-Fi Direct network name and password will display.

2. Start the DC2300. The VariQuest® Software launches automatically.

3. Immediately connect the DC2300 to the *Perfecta STP Series* Printer with Wi-Fi Direct Connection (i.e., DIRECT-xx HP DesignJet T830) using the *Windows Wireless Network utility* on the bottom right of your screen.

Note: Enter one of two passwords: Either the Security Key located on the Info menu of your printer's control panel or the PIN located on your router label.
Attention: You may need to minimize the VariQuest Software in order to see the utility.

4. Once connected, focus your attention back onto the VariQuest® Software.

5. In the Welcome screen, touch **OK**, follow the setup options by going under **Workroom Assistant > Setup > Output Devices** - then select the *Perfecta STP Series* by checking the box and clicking **OK**.

6. You will then be prompted to enter your school mascot and name. Once you have completed entering this information, click **OK** and you will be taken back to the Menu screen where the *Perfecta STP Series* icon will be present.

7. Now, go back into **Workroom Assistant > Setup > Network Connection**, then select the Perfecta STP Series printer.

8. On the right side under *Network Printer Settings* select **Wi-Fi Direct**. Select **OK.**

9. You are now able to print from the DC2300 to the *Perfecta STP Series* Printer.

Configure via School Network Using Wi-Fi - Method 2

Both the DC2300 and *Perfecta® STP Series* printer must be connected to your local network before starting this process.

1. On the *Perfecta STP Series*, swipe down on the dashboard or tap the top menu, touch ⚙ on the top left, then scroll down and touch **Network setup > Wireless settings.**

2. Select **Wireless Setup Wizard**. The printer will search for wireless routers.
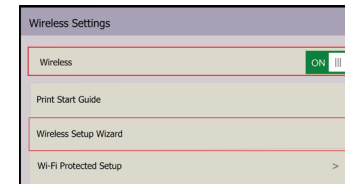
3. Choose a *Network Name*, then enter the **Password**. Touch **Apply** when done.

4. In the *Connection Successful* menu, touch **OK**.

5. Start the **DC2300**. The Design Center Software launches automatically.

6. In the *Welcome* screen, touch **OK**, follow the setup options by going under **Workroom Assistant > Setup > Output Devices** - then select the *Perfecta STP Series* by checking the box and clicking **OK**.

7. You will then be prompted to enter your school mascot and name. Once you have completed entering this information, click **OK** and you will be taken back to the Menu screen where the *Perfecta STP Series* icon will be present.

8. Now, go back into **Workroom Assistant > Setup > Network Connection**, then select the printer you would like to connect with the DC2300.

9. On the right side under Network Printer Settings select School Network where it will then prompt you to enter your *Perfecta STP Series* IP address. Once entered, select **OK** and **OK** again (Find the printers IP address by dragging down or tapping the top menu of the printer screen and scrolling up or down on the *Info* menu. The IP address will be present 2nd from the top).

10. Go back to the *Menu* screen and the *Perfecta STP Series* icon should be present, so you are able to print from the DC2300 to the *Perfecta STP Series*.

Mobile Printing from an iOS Device

You can print directly from your smartphone or tablet in just a few simple steps wherever you are using your mobile iOS device. Method 1 is for printing from a mobile device when both your printer and device are connected to the internet. Method 2 is for printing without connecting to a wireless network.

Note: Mobile printing is also supported for Android depending on the version of your device. To print from Android™ devices, download the HP Print Service Plugin app from Google Play.

Print via Wireless Internet using iOS Device

1. Connect the *Perfecta® STP Series* printer and your device to the local internet. Make sure your mobile device has Wi-Fi **enabled**.

   Note: The mobile device and printer Wi-Fi **must** be connected to the same internet.

2. On your mobile device, choose the document you want, then touch **Print**.

3. Select your **Printer** (e.g., DIRECT-xx HP DesignJet).
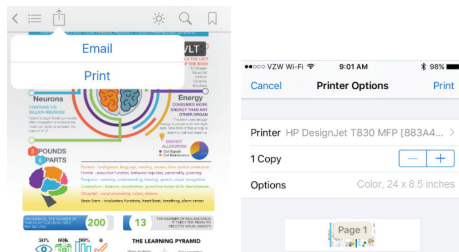
4. Select paper size and other options (e.g., paper size, color, black & white).

   Note: The print will automatically size itself to how it was designed. To print on the size of the loaded paper, you must select it.
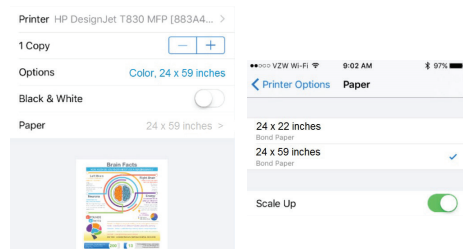

5. When done, touch **Print**. The document will be sent to the *Perfecta STP Series* printer.

Print without Wireless Network using iOS Device

To connect the printer to your phone without using a wireless network, you must use the **Direct Printing** option.

1. On the printer, select ⚙ at top of screen. The info menu will indicate the printer is not connected.

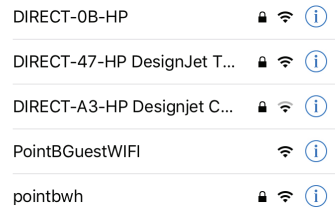2. Select **Setup** and choose **Wi-Fi Direct**.
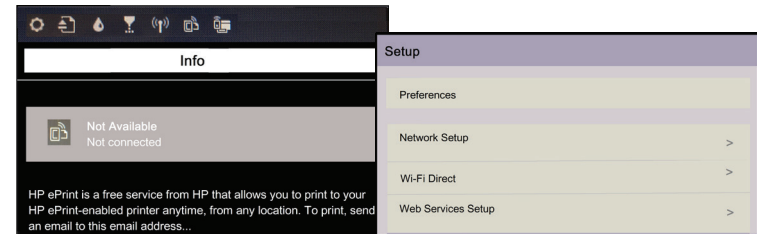
3. In *Wi-Fi Direct Settings* menu, make sure *Wi-Fi Direct* is **ON**. The *Connection Method* will indicate **Manual** and the printer will change to automatic.
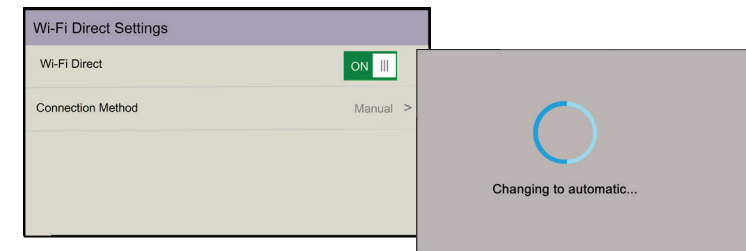

4. 4. When the *Wi-Fi Direct Settings* change to Automatic, touch ⚙ to display the **Info** menu with a list of available printers. Note the password for later.
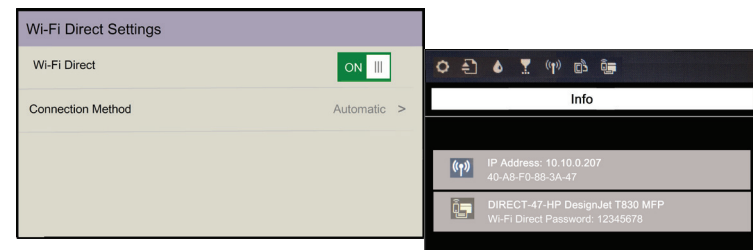
5. *Choose A Network* list, select the printer (e.g., **DIRECT-xx-HP-DesignJet**) and when prompted, enter the password from the **Info** screen.

DIRECT-0B-HP	🔒 🛜 ⓘ
DIRECT-47-HP DesignJet T...	🔒 🛜 ⓘ
DIRECT-A3-HP Designjet C...	🔒 🛜 ⓘ
PointBGuestWIFI	🛜 ⓘ
pointbwh	🔒 🛜 ⓘ

6. On your mobile device, select a document, then touch **Print** and select your **Printer** (e.g., DIRECT-xx HP DesignJet).
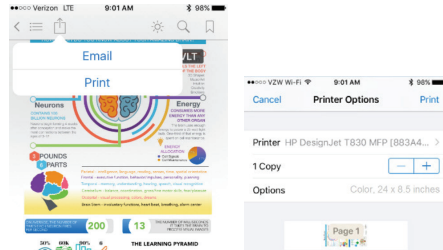
7. Select the paper size and other options you want (e.g., paper size, color, black & white).

Note: The print will automatically size itself to how it was designed. To print on the size of the loaded paper, you must select it.
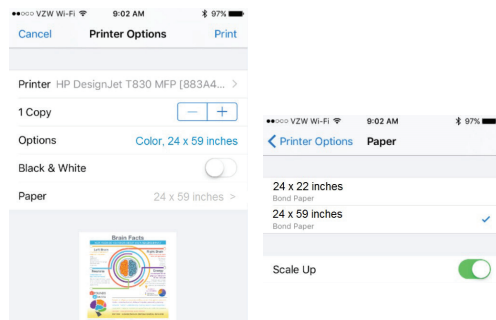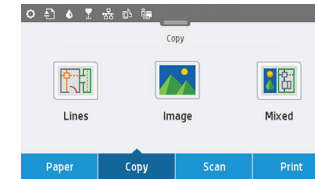
8. When done, touch **Print**. The document will be sent to the *Perfecta® STP Series* Printer.
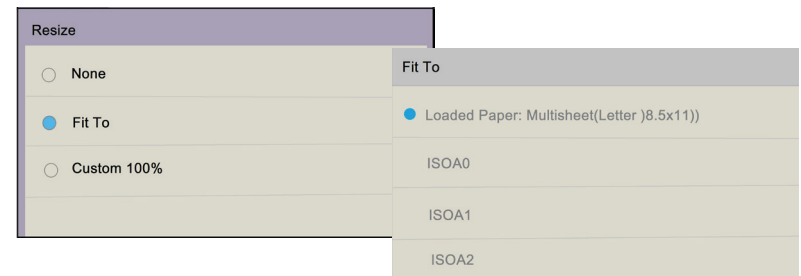
Setup Scan to Print

Note: Steps 1-4 are a one-time setup. Once done, scan-to-print will resize to the loaded paper size.
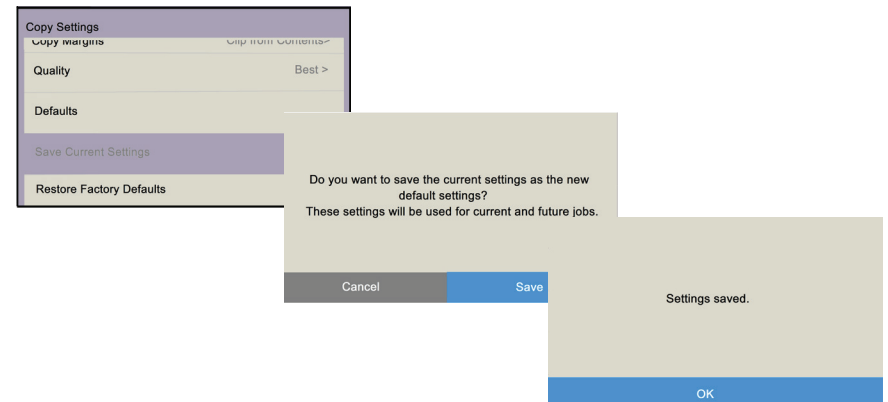
1. Select **Copy** then touch an option for your copy (e.g., Lines, Image or Mixed).

2. At the bottom of the screen, touch ⚙, then scroll down and touch **Resize**.

3. Select **Fit To** and choose the **Loaded Paper**.

4. Scroll to **Save Current Settings**, then at the prompt, select **Save**, then **OK**.

Scan to Print

Scan-to-print is performed from the **Copy** tab. The printer first scans the original into memory, then prints the scanned image. *Do not feed the scanner while printing. Only one action can be done at a time. Scanner will not accept paper when printing.*

> **Note:** Vertical/horizontal positioning depends on how you scan the document. Placing document vertically prints a larger poster. Placing horizontally prints a smaller poster.

1. On the front panel, touch **Copy** tab., then choose option for your document.
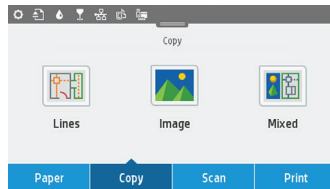

2. Select the number of copies (1 to 99) and the paper output source (roll, multi-sheet tray, single sheet).

3. Select the copy quality option: **Best, Normal, Draft**.

4. Touch **Copy**. At the prompt, load the original document if you haven't already.

> **Note:** For the Perfecta 2400STP, align the edge of the document with the green line shown by the two orange arrows. **[1]**. For the Perfecta 3600STP, center the document on the orange arrow. **[2]**

5. Push the sheet into the insertion slot until you feel it contact the rollers. The scanner will automatically grab the sheet and move it into position for scanning.

6. If the sheet loads incorrectly, you can pull it out manually and retry. To unlock scanner and retrieve jammed document, push the two buttons (see green arrows.)

7. When scan is complete, touch **Eject**.
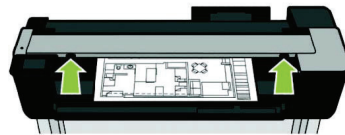
Print/Scan to USB

You can print a file from a USB thumb drive connected to the Perfecta® STP Series printer or save a scanned image from the Perfecta® STP Series printer to a USB flash drive.

Print from a USB

1. Insert the USB flash drive into the USB port on the printer.

2. On the Dashboard, select **Print**.

3. Touch **Print from USB** and select the document you want (only JPEG, TIFF and HP-GL/2 are valid file types).

4. Select the number of copies and touch **Print**.

Save Scanned Image to a USB

1. Insert a USB flash drive into the USB port

2. On the Home menu, select **Scan**.

3. Select **USB**.

4. Select your settings and click **Start Scan** to start the scanning process.

5. Insert document into scanner with the middle of the document aligned with the arrow.

Technical Support

For technical assistance, please contact your Authorized VariQuest Dealer or the VariQuest Technical Support Team:

- **Email:** tech_support@variquest.com
- **Phone:** 1-800-328-0585

Additional information can be found in the User's Guide located at resources.variquest.com.