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Xerox® DocuColor® 8080 Digital Press
System Administration Guide

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Changes are periodically made to this document. Changes, technical inaccuracies, and typographic errors will be corrected in subsequent editions.

Table of contents

Tools Mode

Decurler Adjustment

Custom Paper Procedure

Alignment Adjustment Profile

Finishing System Module Profile

Auditron

Charts

1 Tools Mode

Overview

The Tools Mode enables you to establish the default settings for your digital press to fit your individual requirements. You can change the settings for a variety of features, such as the initial screen to display when the press is powered on, the language to display on the Touch Screen, special paper sizes that can be used in the Paper Trays, timers, audio tone controls, default settings for scanner features, image quality settings, and more.

Entering and exiting Tools Mode

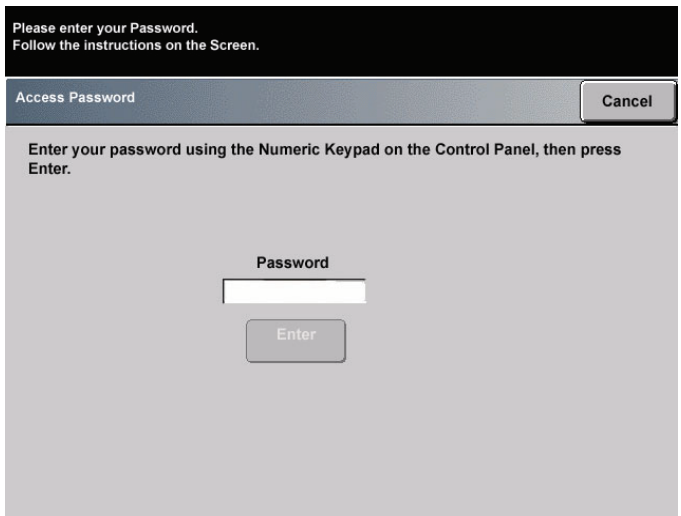
Note

Keep the following in mind as you learn about the Tools Mode:

- If you attempt to access the Tools Mode while a job is printing, access to the Tools screens is delayed until the job completes the printing process.
- Jobs will queue, but will not print while the Tools Mode is active.
- You cannot access the Tools Mode if the digital press is in a Fault condition.
- You cannot access the Tools Mode if the Pause key on the Control Panel was pressed to halt a job. When the halted job completes the printing process, the Tools Mode may be accessed.

Use the following procedure to enter and exit the Tools Mode:

1. Press the **Access** button on the Control Panel. The *Access Password* Screen appears.



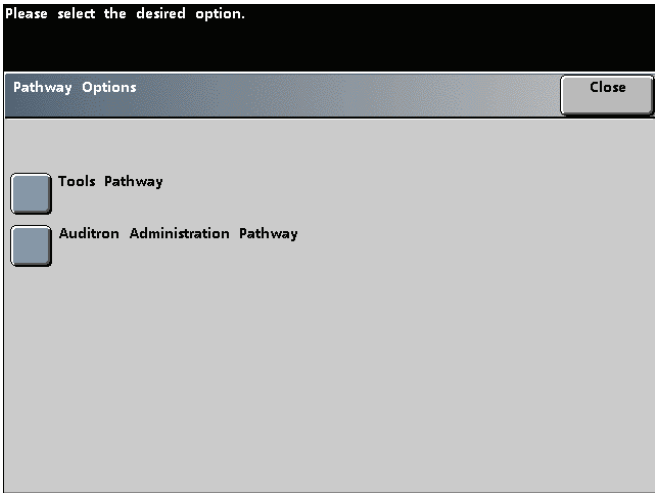
2. Use the keypad to enter the Tools Mode password.

The default password is five ones (**11111**).

For security reasons, only asterisks are displayed on the screen.

3. Touch the Enter button.

   The Pathway Options screen appears.



Note

It is recommended that you change the Tools password as soon as possible after installing the digital press in order to prevent unauthorized access to the Tools Mode. The procedure for changing the password is in Changing the Tools Mode Password on page 6-5.

4. Touch the **Tools Pathway** button on the screen; you are now in the Tools Mode.
5. To exit the Tools Mode, touch the **Exit Tools** button.

Navigating in Tools Mode

The following table tells you how to navigate in Tools Mode by touching buttons.

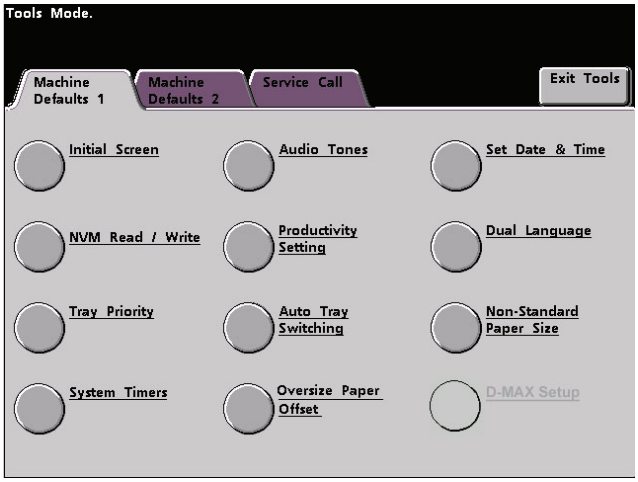
Button	Results
Tabs	Allows you to view the options available on that screen.
Enter	Saves any changes you made on the screen.
System Default	Returns the settings on the screen to the factory default settings.
Close	Closes the screen and returns the system to the previous screen.
Off	Deactivates the feature.
Reset	Returns the settings on the screen to the settings that were in effect when the screen opened.
Cancel	Cancels the changes made on the screen.
Exit Tools	Exits the Tools Mode.

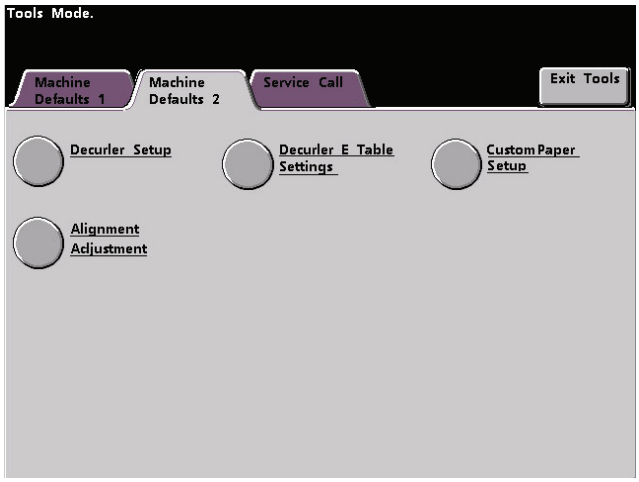
Note

Changes made to default settings in the Tools Mode take effect when you exit Tools Mode.

Machine Defaults

Two *Machine Defaults* screens are available for changing default settings. Each of the features shown on the below screen is described throughout the remainder of this chapter.



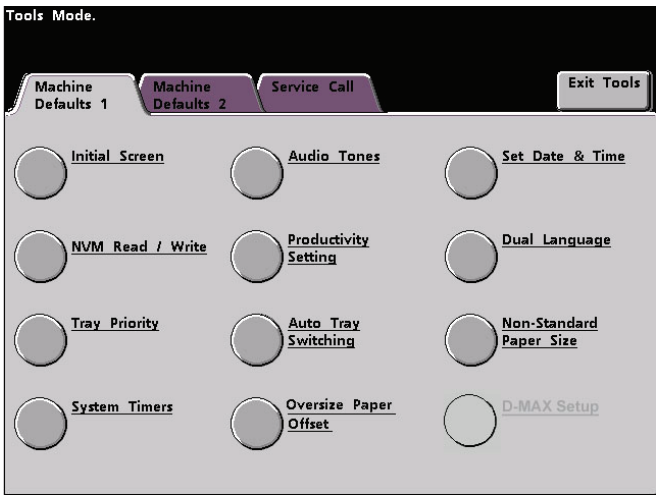


Note

The Service Call feature is not available.

Machine Defaults 1

This section describes the default settings available to you on the *Machine Defaults 1* screen and include the following (as shown in the illustration):



The default settings procedures on the following pages are accessed from The *Machine Defaults 1* screen.

Note

The D-MAX Setup feature may or may not be selectable with your DocuColor 8080 Digital Press configuration. In either case, this feature is for the Xerox Service Representative **only** and is not for customer use.

Initial Screen

Use the Initial Screen to select the screen that displays when the digital press is powered on. You can choose from two screens:

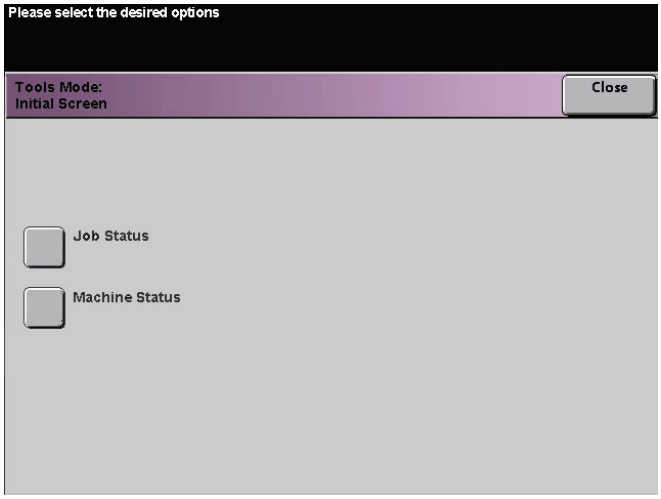
- Job Status
- Machine Status

Note

The *Machine Status* screen is the factory default setting.

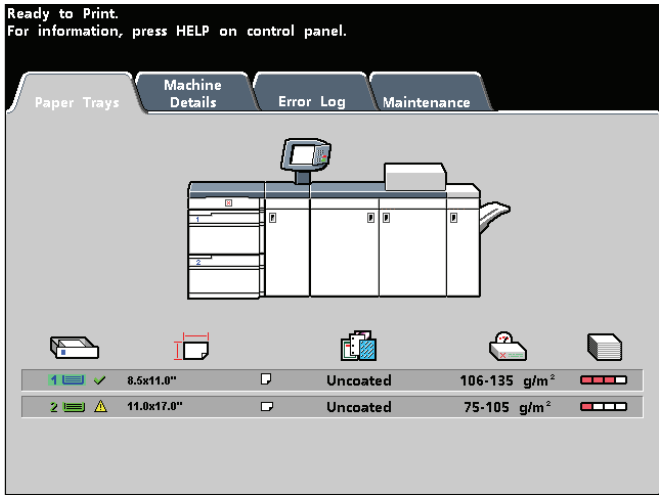
Use the following procedure to change the default initial screen.

1. Touch the **Initial Screen** button on the *Machine Defaults 1* screen. The *Initial Screen* screen appears.

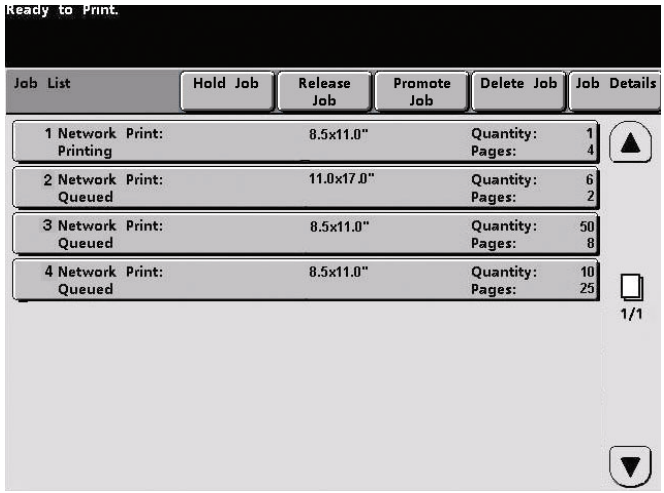


2. Touch the **Machine Status** or **Job Status** button.

   If you select the Machine Defaults screen, the screen below appears when the machine is powered on.



If you change the default setting to the Job Status screen, the screen below appears when the machine is powered on. This screen displays all the jobs currently queued for printing.

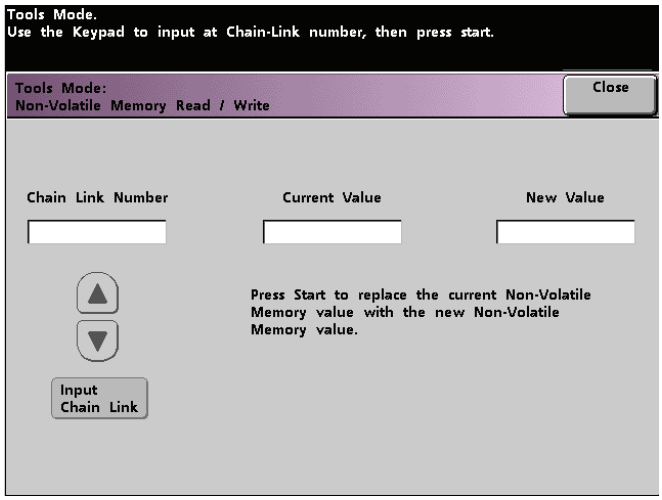


Note

Refer to the User Guide for more information about the Machine Status and Job Status screens.

NVM Read/Write

Your Xerox service representative uses this feature to change certain system settings. It also may occasionally be used by system administrators.



Under most conditions, this feature is not used by system administrators; however, there are limited circumstances under which this feature is used. These circumstances include:

Special Media Setting for Drilled Papers	If you use 3-hole, predrilled paper on a regular basis and continually encounter an inordinate amount of paper jams
Special Media Setting for LEF Tab Stock	If you regularly run tab stock and continually encounter paper jams
Carbonless Media Enablement	If you are using carbonless papers: • Carbonless papers are coated with several functional coatings which promote the image transfer through the form set and enable the form sets to separate appropriately after padding with a special adhesive. Each supplier of xerographic carbonless paper has developed their own unique chemistry, which is why the following procedure enabling this application, works best with Xerox Premium Digital Carbonless Paper. • In order to avoid problems when running carbonless media, you may use the NVM Read/Write feature to switch on the carbonless media feature.

If any of the above conditions exist in your environment, you may use the NVM Read/Write feature to swich on a feature.

CAUTION:

Do not enter any numbers on this screen other than the ones described in this procedure.
Entering and saving numbers, other than the ones described, changes the system settings which may result in a service call to restore the system to the correct settings.

To switch **on** a feature, perform the following:

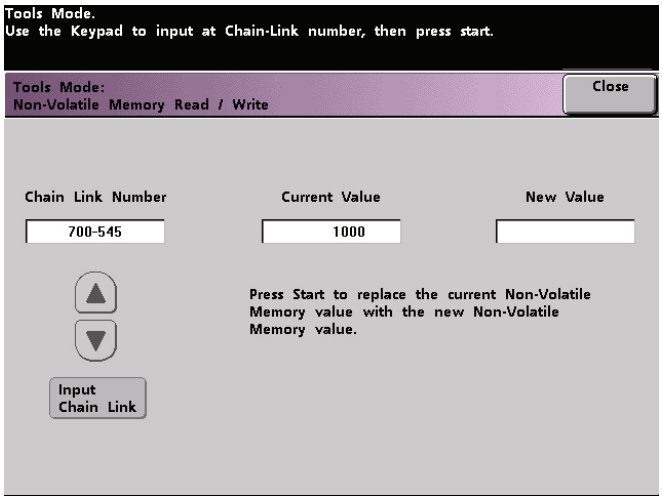
1. From the NVM Read/Write screen, use the keypad on the Control Panel and enter the **Chain Link Number**:

- The Chain Link Number for Special Media Setting for Drilled Papers is **700 545**.
- The Chain Link Number for Special Media Setting for LEF Tab Stock is **700 546**.
- The Chain Link Number for Carbonless Media Enablement is **700-920**.

Note

For the purpose of this procedure, the following screens show the Chain Link Number, Current Value, and New Value for Special Media Setting for Drilled Papers. The Current Value and New Value numbers will vary depending on the Chain Link Number entered.

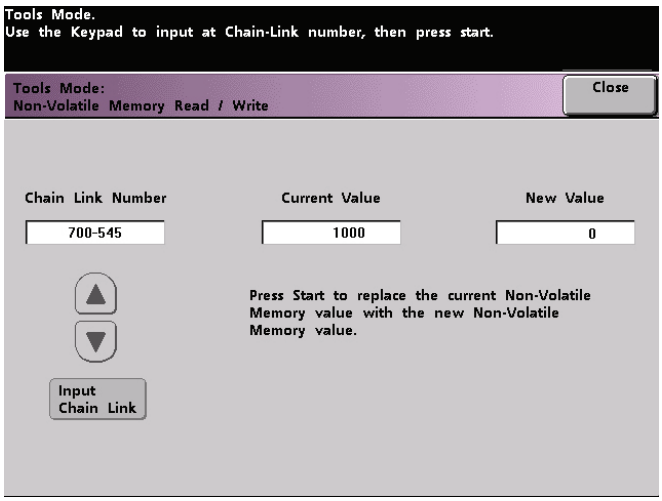
2. After entering the desired Chain Link Number, press the **Start** button on the Control Panel. The UI displays this screen:



3. To switch **on** a feature, press the appropriate button on the Control Panel keypad:

- For *Special Media Setting for Drilled Papers*, press **0**.
- For *Special Media Setting for LEF Tab Stock*, press **1**.
- For *Carbonless Media*, press **1**.

4. After entering the New Value number, press the **Start** button. The UI displays the following screen:



5. Touch the **Close** button to save and close your new setting.

6. Exit Tools Mode and run your print job.

   Note

   After running your print job, reenter Tools Mode, NVM Read/Write, and switch OFF the feature that is currently on. Follow the steps outlined in this procedure and use these settings for the New Value number:

- To switch off the *Special Media Setting for Drilled Papers*, enter **1000**.
- To switch off the *Special Media Setting for LEF Tab Stock*, enter **0**.
- To switch off the *Carbonless Media*, enter **0**.

   Note

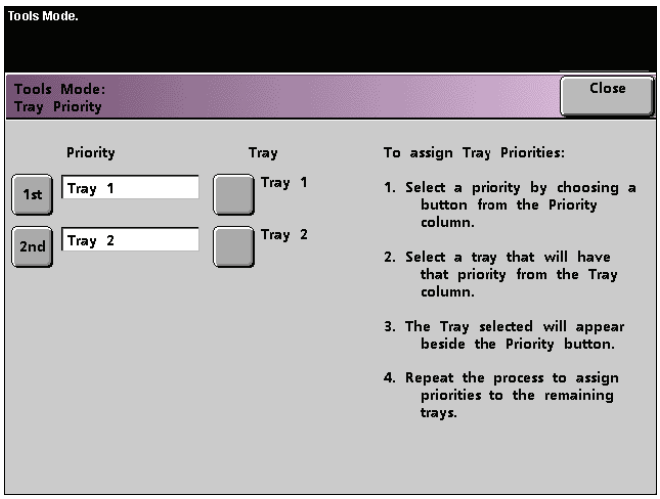
   To prevent paper jams from occurring with stock types other than the ones mentioned in this procedure, you **must switch off** the NVM Read/Write feature **before** running other print jobs.

Tray Priority

Select the priority order for each paper tray. If the Auto Tray Switching feature is enabled and each paper tray contains the same paper size and weight, the digital press feeds paper from the tray set at Priority 1. If there is no paper in the Priority 1 tray, the Priority 2 tray is automatically selected and so on.

Use the following procedure to set the priority for each paper tray.

1. Touch the **Tray Priority** button on the *Machine Defaults 1* screen. The Tray Priority screen appears.

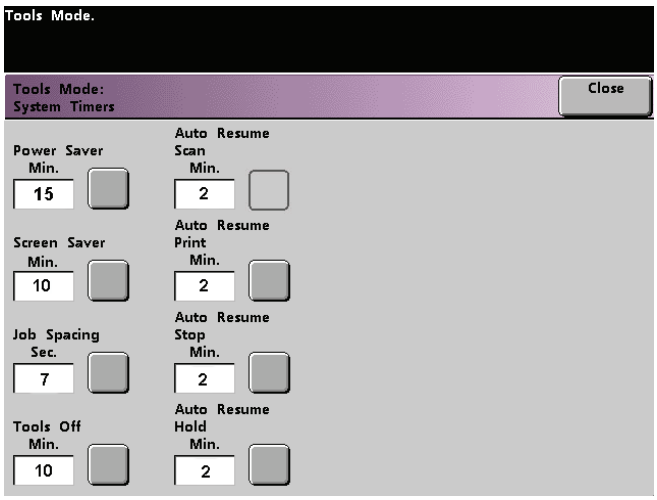


2. Touch the desired Priority button in the Priority column.
3. Touch the button for the Paper Tray that will have that priority. The number of the selected Paper Tray appears next to that Priority button.
4. Repeat this procedure for each Priority. You cannot set the same paper tray for more than one Priority at a time.
5. Touch the **Close** button to return to the *Machine Defaults 1* screen. You cannot touch the Close button until you set paper trays for each Priority.

System Timers

Use this feature to change the factory default settings for the timers in the digital press. To access the various timers, touch the **System Timers** button on the *Machine Defaults 1* screen.

The *System Timers* screen appears. From this screen you can view the time currently set for each of the timers, and select the one you want to change.

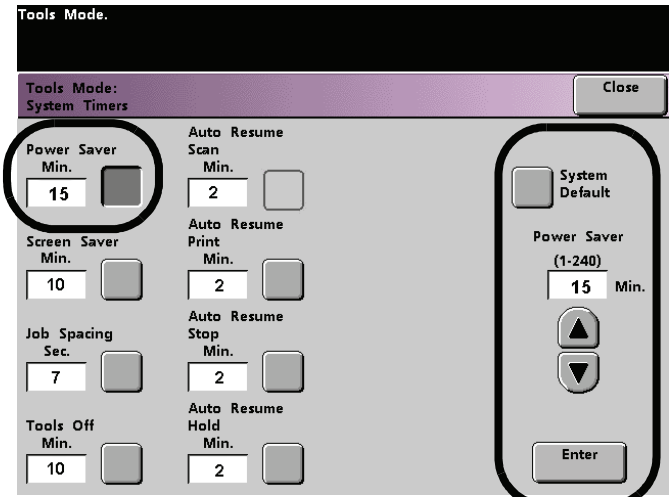


Power Saver

Use this feature to set the time that elapses until the digital press enters a reduced power consumption mode. This timer is activated when all print jobs have been completed and there are no jobs in the job queue.

The digital press exits the Power Saver mode when a job is sent to be printed or the Touch Screen is activated

1. Touch the **Power Saver** button on the *System Timers* screen.



2. Use the up or down arrow buttons to change the time. The range available is one to 240 minutes.

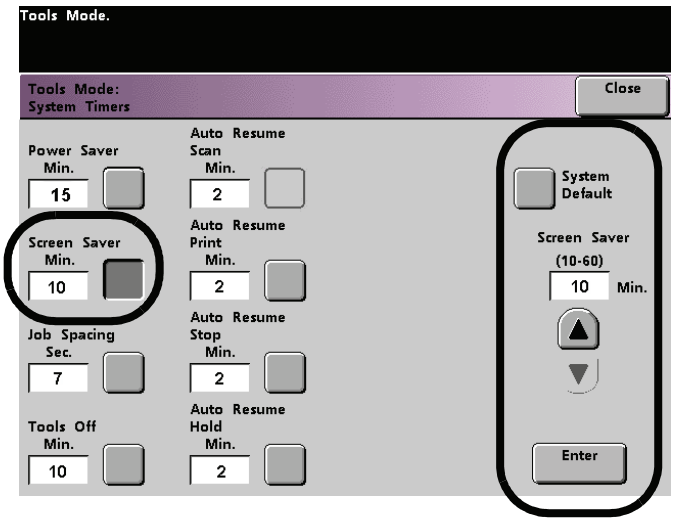
   To use the system default time of fifteen minutes, touch the **System Default** button.

3. Touch the **Enter** button on the screen to enter the new time into the system.
4. Touch the **Close** button to return to the *Machine Defaults 1* screen or to select another timer to change.

Screen Saver

The Screen Saver feature allows you to protect the screen from being damaged with permanent marks if the digital press is idle for a period of time.

1. Touch the **Screen Saver** button on the *System Timers* screen.

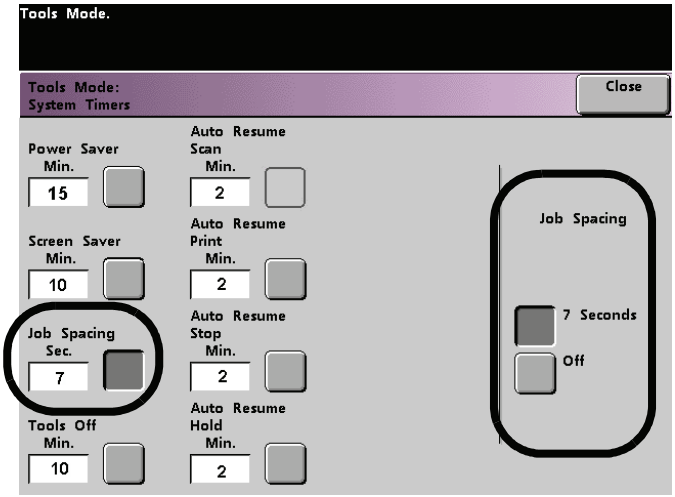


2. Use the up or down arrow buttons to change the time. The range available is ten to sixty minutes.
   To use the system default time of ten minutes, touch the **System Default** button.
3. Touch the **Enter** button on the screen to enter the new time into the system.
4. Touch the **Close** button to return to the *Machine Defaults 1* screen or select another timer to change.

Job Spacing

Use the Job Spacing feature when there are multiple jobs queued and you would like to allow seven seconds to unload prints from a finishing device before the next job starts printing.

1. Touch the **Job Spacing** button on the *System Timers* screen.



2. Touch the **7 Seconds** button to enable the feature or touch the **Off** button to disable the feature.
3. Touch the **Close** button to return to the *Machine Defaults 1* screen or select another timer to change.

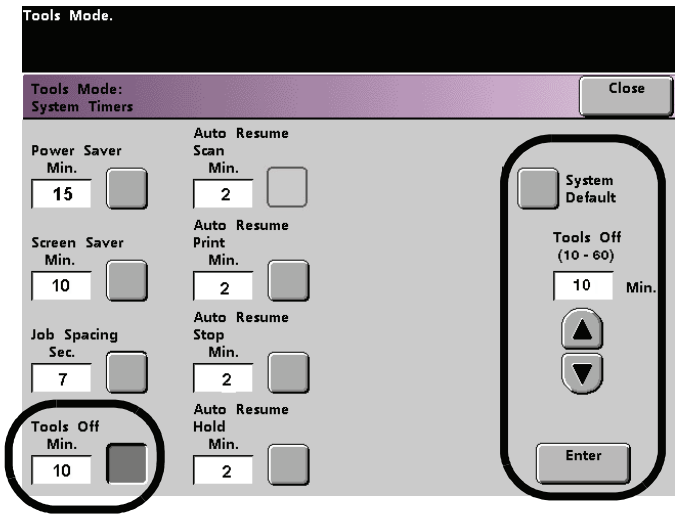
Tools Off

Use the Tools Off feature to have the digital press automatically return to the printing mode when no action is taken on the Tools Mode screens after the set amount of time.

Note

Jobs sent over the network will queue but will not print while the Tools Mode is active.

1. Touch the **Tools Off** button on the *System Timers* screen.

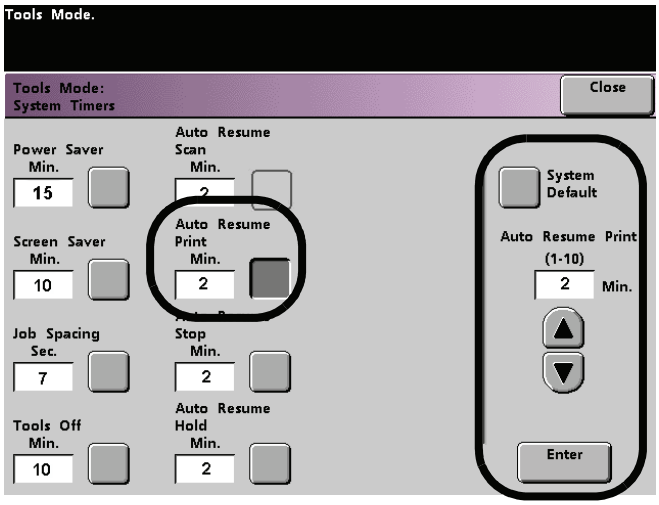


2. Use the up or down arrow buttons to change the time. The range available is ten to sixty minutes.
   To use the system default time of ten minutes, touch the **System Default** button.
3. Touch the **Enter** button on the screen to enter the new time into the system.
4. Touch the **Close** button to return to the *Machine Defaults 1* screen or select another timer to change.

Auto Resume Print

Use the Auto Resume Print feature to restart a job automatically after a fault is cleared and a job received over the network is waiting for user instruction.

1. Touch the **Auto Resume Print** button on the *System Timers* screen.

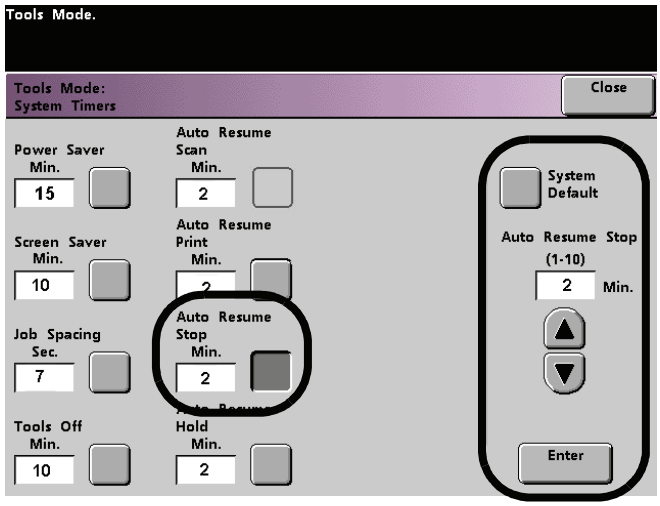


2. Use the up or down arrow buttons to change the time. The range available is one to ten minutes.
   To use the system default time of two minutes, touch the **System Default** button.
3. Touch the **Enter** button on the screen to enter the new time into the system.
4. Touch the **Close** button to return to the *Machine Defaults 1* screen or select another timer to change.

Auto Resume Stop

Use the Auto Resume Stop feature to restart a job automatically after the Pause button on the Control Panel is pressed and the job is waiting for user instruction.

1. Touch the **Auto Resume Stop** button on the *System Timers* screen.

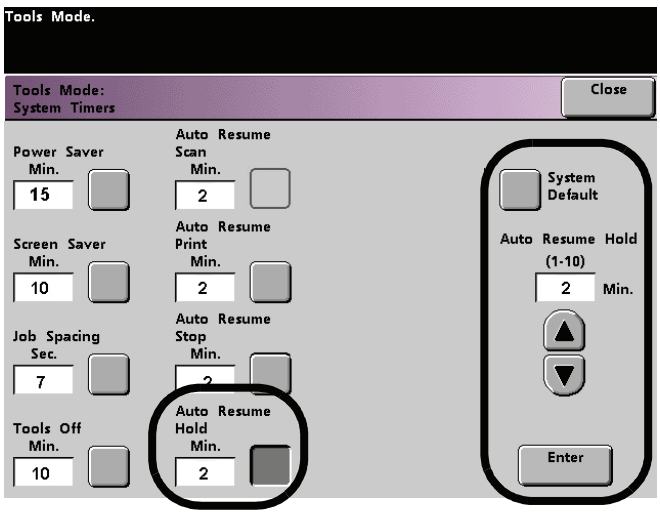


2. Use the up or down arrow buttons to change the time. The range available is one to ten minutes. To use the system default time of two minutes, touch the **System Default** button.
3. Touch the **Enter** button on the screen to enter the new time into the system.
4. Touch the **Close** button to return to the *Machine Defaults 1* screen or select another timer to change.

Auto Resume Hold

Use the Auto Resume Hold feature to automatically print the next job in the queue if the current job is waiting for user instruction to clear a certain type of fault.

1. Touch the **Auto Resume Hold** button on the *System Timers* screen.



2. Use the up or down arrow buttons to change the time. The range available is one to ten minutes. To use the system default time of two minutes, touch the **System Default** button.
3. Touch the **Enter** button on the screen to enter the new time into the system.
4. Touch the **Close** button to return to the *Machine Defaults 1* screen or select another timer to change.

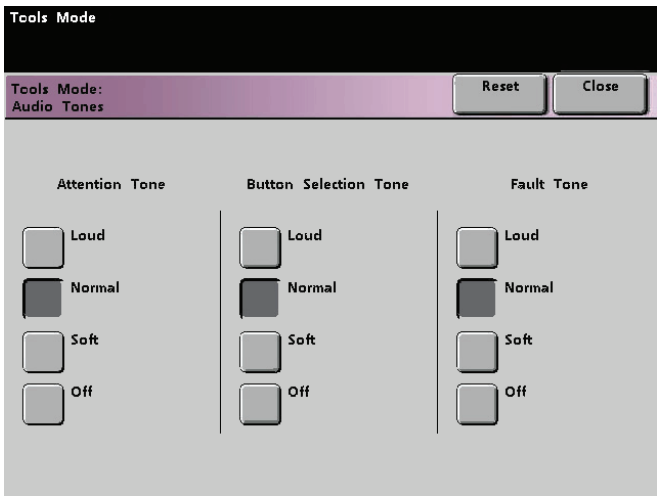
Audio Tones

There are three types of audio tones that can be activated on the digital press, as shown in the following table.

Tone	What the Tone Indicates
Attention Tone	An unselectable button has been touched.
Button Selection Tone	A selectable button has been touched.
Fault Tone	The press is in a fault condition and cannot continue printing.

Each of these tones can be deactivated or set to Soft, Normal, or Loud. The factory default setting is Normal.

1. Touch the **Audio Tones** button on the *Machine Defaults 1* screen.

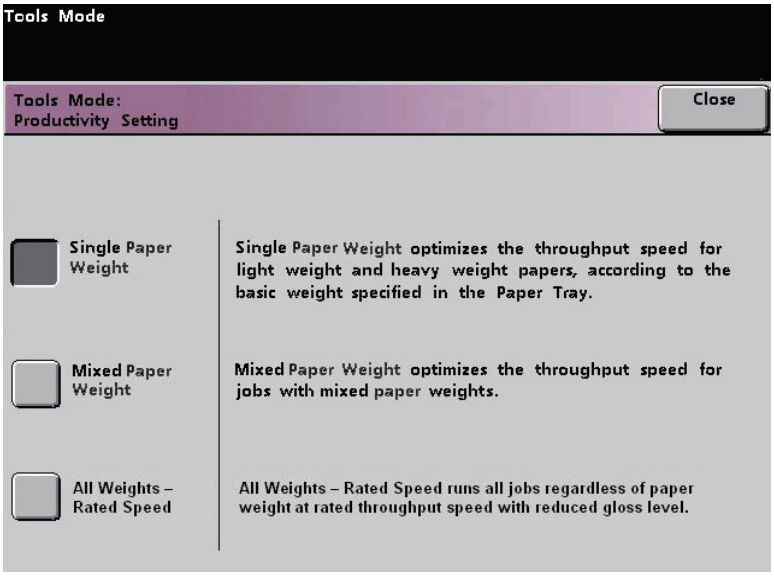


2. Touch the button for the desired volume setting for each tone. To deactivate a tone, touch the **Off** button for that tone.
3. Touch the **Reset** button to restore the factory default setting for the three tones.
4. Touch the **Close** button to return to the *Machine Defaults 1* screen.

Productivity Setting

The productivity of the digital press relates to the continuous speed of the media output as measured in prints per minute (ppm). The continuous speed is dependent on paper size, paper weight, and fuser temperature.

Use this setting to optimize the throughput speed for the type of paper you run most frequently. Productivity Setting options are shown and explained in the following illustration:



Productivity charts

The following productivity charts lists the various paper weights and sizes and their related print speeds for 1 Sided and 2 Sided output. Each chart outlines the print speed parameters for both productivity settings.

Single Paper Weight

Single Paper Weight Mode				
Paper Weight	Paper Size(Feed direction length)[mm]		Print Speed for DocuColor 8080	
	Min.	Max	1 Sided	2 Sided
60 - 80 g/m^2	182.0	216.0	80	40
	216.1	297.0	60	30
	297.1	458.0	40	20
	458.1	488.0	30	15
81 - 105 g/m^2	182.0	216.0	80	40
	216.1	297.0	60	30
	297.1	458.0	40	20
	458.1	488.0	30	15
106 - 135 g/m^2	182.0	216.0	80	40
	216.1	297.0	60	30
	297.1	458.0	40	20
	458.1	488.0	30	15
136 - 186 g/m^2	182.0	216.0	60	30
	216.1	450.0	30	15
	450.1	488.0	20	10
187 - 220 g/m^2	182.0	216.0	60	30
	216.1	450.0	30	15
	450.1	488.0	20	10
221 - 300 g/m^2	182.0	216.0	40	20
	216.1	280.0	30	15
	280.1	458.0	20	10
	458.1	488.0	10	5
Transparency	210.0	216.0	30	-

Notes

- 2-Sided printing is not available for transparency and paper that is 221 g/m^2 or greater.
- There is no decrease in productivity (ppm) from the second feeder module to the first feeder module.
- Transparency is only available for 1 Sided, or 8.5 in. x 11 in./A4 LEF.

Mixed Paper Weight

Mixed Paper Weight Mode				
Paper Weight	Paper Size(Feed direction length)[mm]		Print Speed for DocuColor 8080	
	Min.	Max	Simplex	Duplex
60 - 80 g/m^2	182.0	216.0	80	40
	216.1	297.0	60	30
	297.1	458.0	40	20
	458.1	488.0	30	15
81 - 105 g/m^2	182.0	216.0	80	40
	216.1	297.0	60	30
	297.1	458.0	40	20
	458.1	488.0	30	15
106 - 135 g/m^2	182.0	216.0	60	30
	216.1	450.0	30	15
	450.1	488.0	20	10
136 - 186 g/m^2	182.0	216.0	60	30
	216.1	450.0	30	15
	450.1	488.0	20	10
187 - 220 g/m^2	182.0	216.0	40	20
	216.1	280.0	30	15
	280.1	458.0	20	10
	458.1	488.0	10	5
221 - 300 g/m^2	182.0	216.0	40	20
	216.1	280.0	30	15
	280.1	458.0	20	10
	458.1	488.0	10	5
Transparency	210.0	216.0	30	--

Notes

- 2-Sided printing is not available for transparency and paper that is 221 g/m^2 or greater.
- There is no decrease in productivity (ppm) from the second feeder module to the first feeder module.
- Transparency is only available for 1 Sided, or 8.5 in. x 11 in./A4 LEF.

All Weights Rated Speed

All Weights Rated Speed Mode				
Paper Weight	Paper Size (Feed direction length) [mm]		Print Speed for DocuColor 8080 (prints per minute)	
	Min.	Max	1 Sided	2 Sided
60 - 80 g/m^2	182.0 mm	216.0 mm	80	40
	216.1 mm	297.0 mm	60	30
	297.1 mm	458.0 mm	40	20
	458.1 mm	488.0 mm	30	15
81 - 105 g/m^2	182.0 mm	216.0 mm	80	40
	216.1 mm	297.0 mm	60	30
	297.1 mm	458.0 mm	40	20
	458.1 mm	488.0 mm	30	15
106 - 135 g/m^2	182.0 mm	216.0 mm	80	40
	216.1 mm	297.0 mm	60	30
	297.1 mm	458.0 mm	40	20
	458.1 mm	488.0 mm	30	15
136 - 186 g/m^2	182.0 mm	216.0 mm	80	40
	216.1 mm	297.0 mm	60	30
	297.1 mm	458.0 mm	40	20
	458.1 mm	488.0 mm	30	15
187 - 220 g/m^2	182.0 mm	216.0 mm	80	40
	216.1 mm	297.0 mm	60	30
	297.1 mm	458.0 mm	40	20
	458.1 mm	488.0 mm	30	15
221 - 300 g/m^2	182.0 mm	216.0 mm	80	40
	216.1 mm	297.0 mm	60	30
	297.1 mm	458.0 mm	40	20
	458.1 mm	488.0 mm	30	15
Transparency (Only available for 1-Sided, 8.5 x 11 inch/A4 LEF)	210.0 mm	216.0 mm	30	-

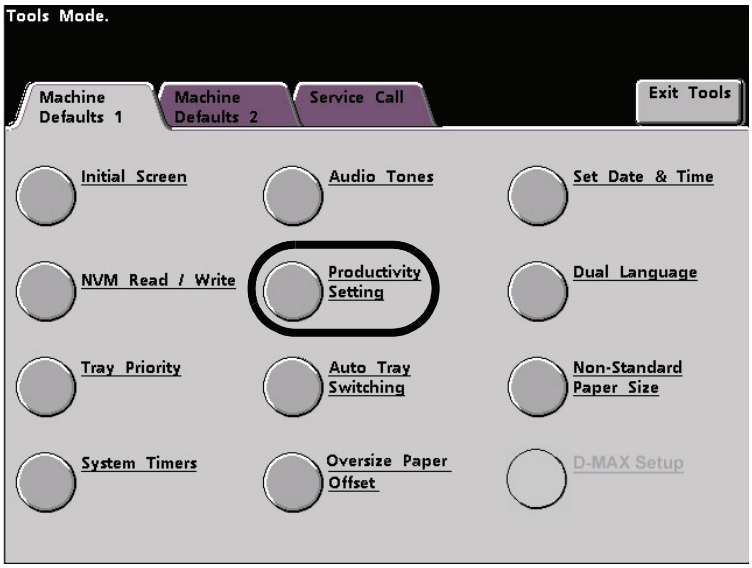
Notes

- 2-Sided printing is not available for transparency and paper that is 221 g/m^2 or greater.
- There is no decrease in productivity (ppm) from the second feeder module to the first feeder module.
- Transparency is only available for 1 Sided, or 8.5 in. x 11 in./A4 LEF.

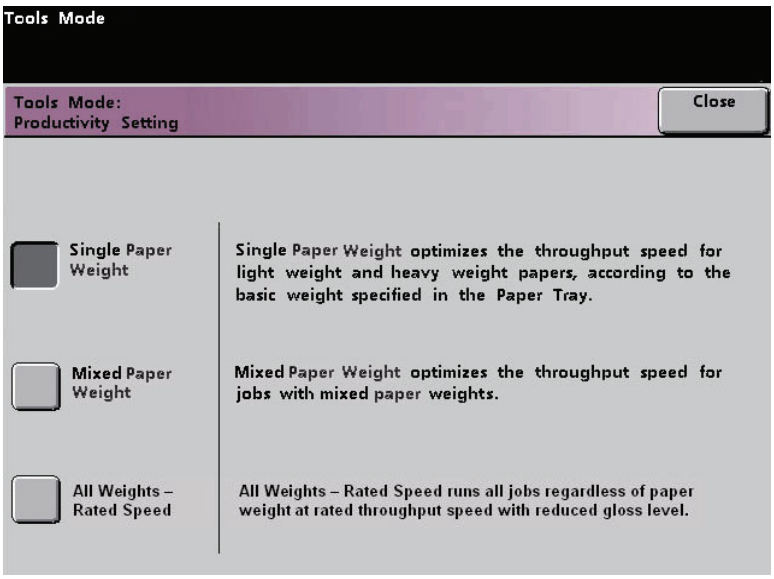
Productivity Setting procedure

Use the following procedure for choosing the setting which is best for your environment.

1. Touch the **Productivity Setting** button on the *Machine Defaults 1* screen.



2. Select the button for the type of paper you use most frequently in the digital press, either **Single Paper Weight**, **Mixed Paper Weight**, or **All Weights Rated Speed**.



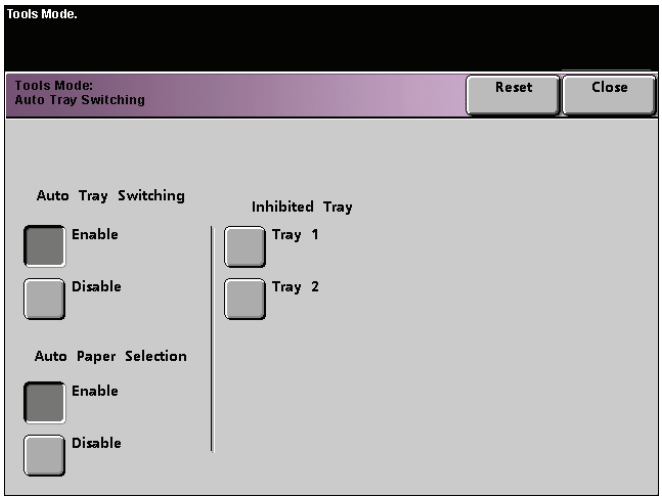
3. Touch **Close** to return to the *Machine Defaults 1* screen.

Auto Tray Switching

This feature allows you to set the default settings for the following options:

Default Setting	What the Default Does
Auto Tray Switching (ATS)	Allows the digital press to automatically select another paper tray, containing the appropriate paper, if the selected paper tray becomes unusable
Auto Paper Selection (APS)	Allows the digital press to automatically select the appropriate paper size for the job being processed, without a specific paper tray being selected
Inhibited Tray	Allows you to select a specific paper tray, or trays, that you want the digital press to bypass, regardless of the Tray Priority settings

1. Touch the **Auto Tray Switching** button on the *Machine Defaults 1* screen.



2. Touch the **Enable** or **Disable** button for the Auto Tray Switching option.
3. Touch the **Enable** or **Disable** button for the Auto Paper Selection option.
4. To instruct the digital press to bypass one or more of the paper trays, touch the desired Paper Tray button in the Inhibited Tray column.

- To deselect a paper tray, touch that Paper Tray button again.
- To return the settings to the last saved values, touch the **Reset** button.

5. Touch the **Close** button to return to the *Machine Defaults 1* screen.

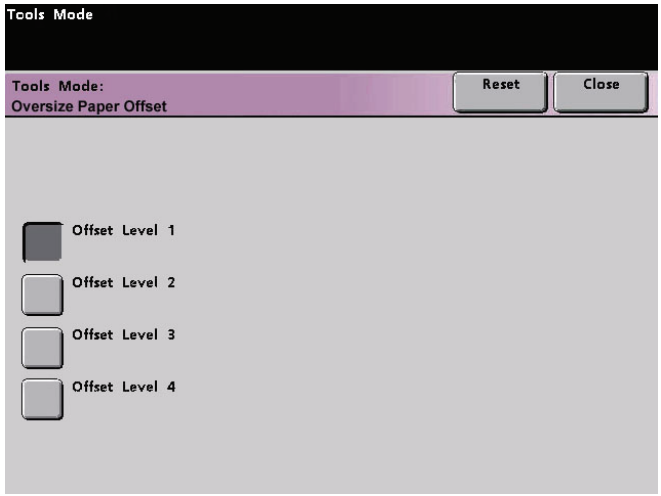
Oversize Paper Offset

Use this feature for media that is larger than long edge feed, 8.5x11 inch/A4 paper, such as 12 x 18 in. (304.8 x 457.2 mm).

> **Note**
>
> Some print server manufacturers have an oversize paper offset feature that you can also use to adjust the position of the image on the paper. Refer to the documentation that came with your print server.

Use the following procedure to adjust the registration on paper that is larger than 8.5 x 11 in./A4.

1. Select the **Oversize Paper Offset** feature.
2. From the **Oversize Paper Offset** screen, select the desired **Oversize Paper Offset** button to adjust the registration on paper larger than 8.5x11 inch or A4 LEF.



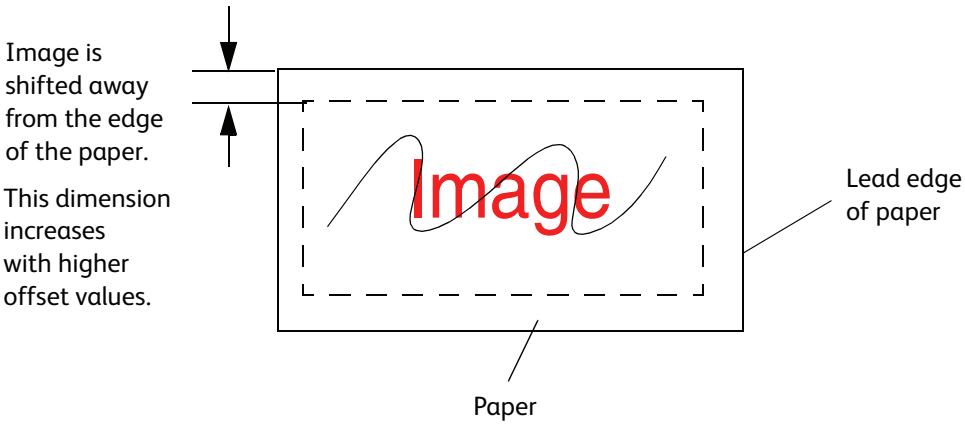
The table on the following page defines each offset level.

3. Touch the **Offset Level 1, 2, 3,** or **4** button to adjust the position of the paper as it feeds. Refer to the following table for the adjustments made for each Offset Level.

Paper Size	Level 1	Level 2	Level 3	Level 4
310mm	10.0mm	10.0mm	10.0mm	10.0mm
311mm	9.5mm	9.5mm	9.5mm	9.5mm
312mm	9.0mm	9.0mm	9.0mm	9.0mm
313mm	8.5mm	8.5mm	8.5mm	8.5mm
314mm	8.0mm	8.0mm	8.0mm	8.0mm
315mm	7.5mm	7.5mm	7.5mm	8.0mm
316mm	7.0mm	7.0mm	7.0mm	8.0mm
317mm	6.5mm	6.5mm	7.0mm	8.0mm
318mm	6.0mm	6.0mm	7.0mm	8.0mm

Paper Size	Level 1	Level 2	Level 3	Level 4
319mm	5.5mm	6.0mm	7.0mm	8.0mm
320mm	5.0mm	6.0mm	7.0mm	8.0mm

The following illustration demonstrates how the image is shifted on the paper after selecting an Oversize Paper Offset level.

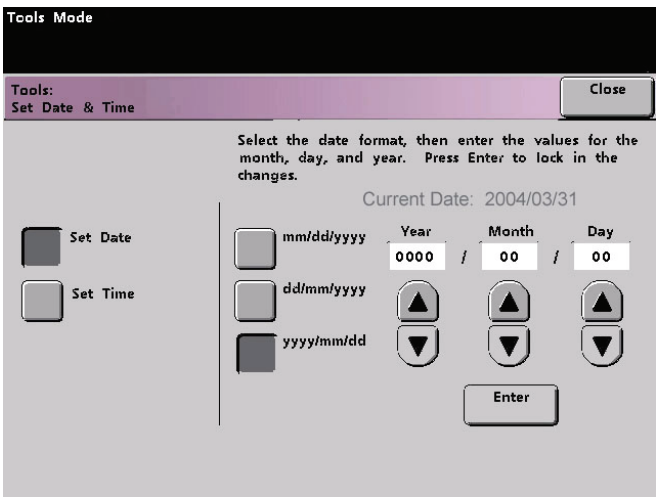


Set Date & Time

Use this feature to set the date and time for the system. The date and time is displayed on the *Error Log* screen and on the *Date and Time* screens.

Setting the Date

1. Touch the **Set Date & Time** button on the *Machine Defaults 1* screen. The *Set Date and Time* screen appears with the Set Date button selected and options for setting the date displayed on the right.



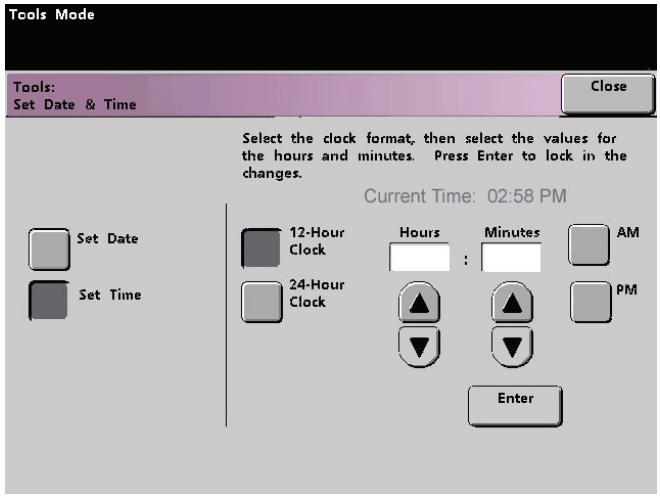
2. Select the date format you wish to use.

3. Use the up or down arrow buttons to enter the correct year, month, and day.
4. Touch the **Enter** button on the screen to save your selections.

   The next time you enter the Tools Mode, the date that you set is displayed.

Setting the Time

1. Touch the **Set Date & Time** button on the *Machine Defaults 1* screen. The *Set Date and Time* screen appears with the Set Date button selected and options for setting the date displayed on the right.
2. Touch the **Set Time** button. Options for setting the time appear in the Set Time screen.



3. Touch the **12 Hour Clock** or the **24 Hour Clock** button.
4. Use the up or down arrow buttons to set the correct hour and minutes.

   If you selected the 12 Hour Clock, touch the **AM** or **PM** button.
5. Touch the **Enter** button on the screen to save your selections.

   The next time you enter the Tools Mode, the time that you set will be displayed.
6. Touch the **Close** button to return to the *Machine Defaults 1* screen.

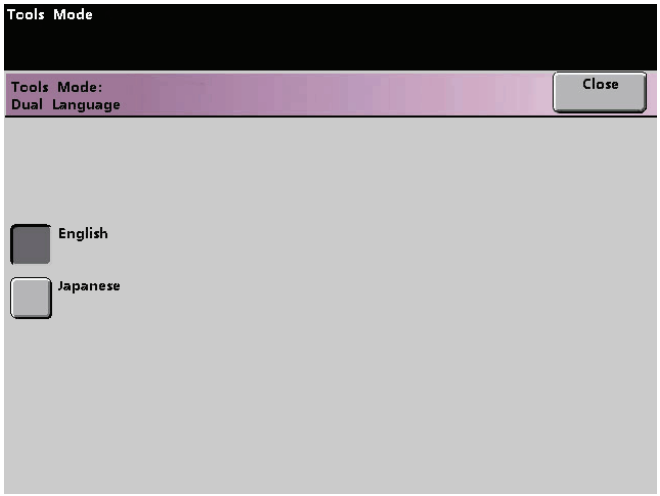
Dual Language

This feature enables you to set one of two available languages as the default for the Touch Screen. When your digital press was installed, your Xerox service representative loaded onto your system your choice of two languages that you can choose from to be displayed on the Touch Screen.

1. Touch the **Dual Language** button on the *Machine Defaults 1* screen.
2. Touch the button for the default language you want to appear on the Touch Screen.

   After exiting the Tools Mode, you can switch the Touch Screen to the other language by pressing the **Dual Language** button on the Control Panel.

3. Touch the **Close** button to return to the *Machine Defaults 1* screen.

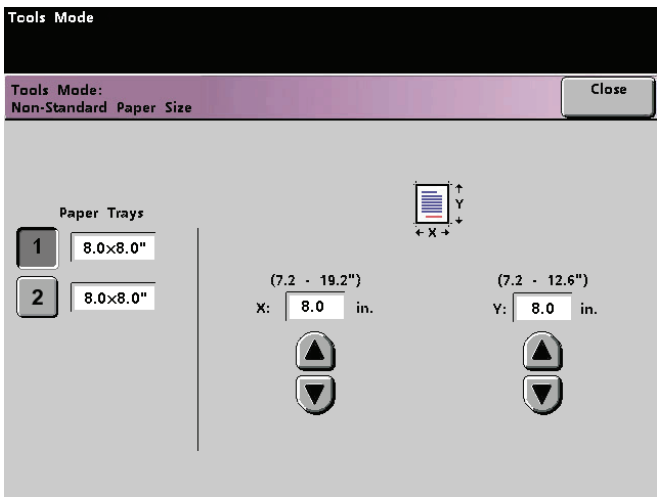


Non-Standard Paper Size

You can run non-standard sized paper from any paper tray by entering the paper size on the Non-Standard Paper Size screen for the tray being used.

> **Note**
>
> Be sure to select Non-Standard Size on the top front of the tray, and use the Paper Weight Indicator at the right side of the tray to select the paper weight being used.

1. Touch the **Non-Standard Size Paper** button on the *Machine Defaults 1* screen.

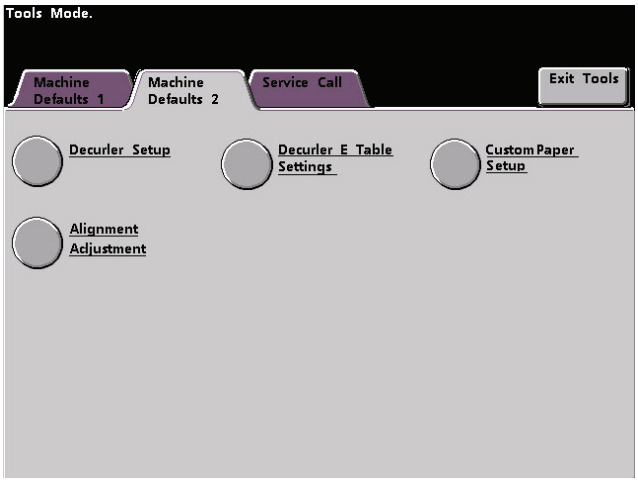


2. Touch the desired Paper Tray button on the *Non-Standard Paper Size* screen.
3. Use the up or down arrow buttons on the screen to enter the X and Y dimensions of the paper being used in the tray. The dimensions shown on the screen above the X and Y boxes indicate the minimum and maximum sizes you can enter.
4. Touch the **Close** button to return to the *Machine Defaults 1* screen.

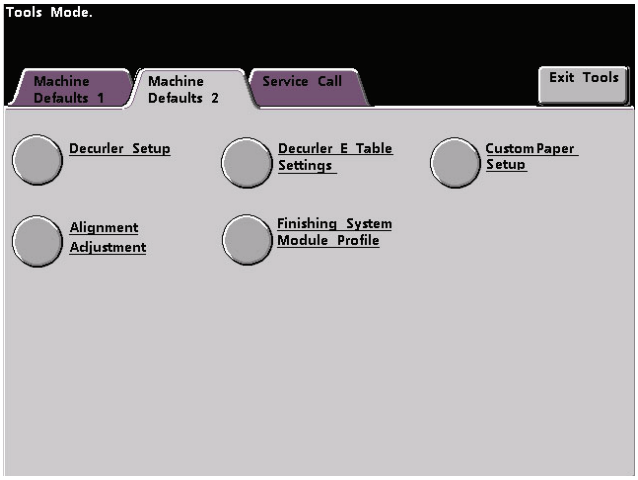
5. To use these settings, exit the Tools Mode and ensure that **Non-Standard Size** has been selected on the top/front of the tray.

Machine Defaults 2

This section describes the features available to you through the *Machine Defaults 2* screen. Select the **Machine Defaults 2** tab, and one of the following screens appears.



If your system has an optional finishing device attached, this screen may reflect a finishing device option as shown below:



Decurler Adjustment 2

Overview

This chapter provides detailed information on these features:

- Decurler Adjustment (includes decurler setup and decurler E table settings)
- Custom Paper setup
- Alighment Adjustment Profile
- Finishing System Module Profile

Note

Please read all the Decurler information before using the Decurler E Table Settings (E1 - E6) procedure.

When paper is exposed to heat, the paper loses moisture and curls toward the heat source. High toner coverage jobs tend to curl more than low toner coverage jobs. The system tries to reduce this by using mechanical devices within the paper path called Decurlers.

Paper curl is caused by many variables, including, but not in any particular order:

- The weight of the paper and whether it is coated or uncoated.
- The amount of dry ink/toner and the area being covered on a sheet: the heavier the coverage, the greater the tendency to curl.
- How the paper is loaded in the tray. Make sure you load the paper as instructed on the ream wrapper.
- The atmospheric conditions of the room where the paper is stored and where the printer is located, especially those related to humidity and temperature.
- The heat generated during the fusing processes.

Your system is designed with several automated settings to control curl. When using these settings the machine automatically sends paper through the proper Decurler:

- System Default: Automatically determines the amount of pressure needed at the different decurlers in order to reduce the output curl of the paper.

Paper Type A, B, C, and D settings: Preset Decurler settings, which are manually selected as an alternative to the System Default setting. See Downward Curl on page 2-13.

Note

- While paper curl is caused by many variables, it is important to understand that the preset and custom Decurler profile settings use lookup tables for curl control that are

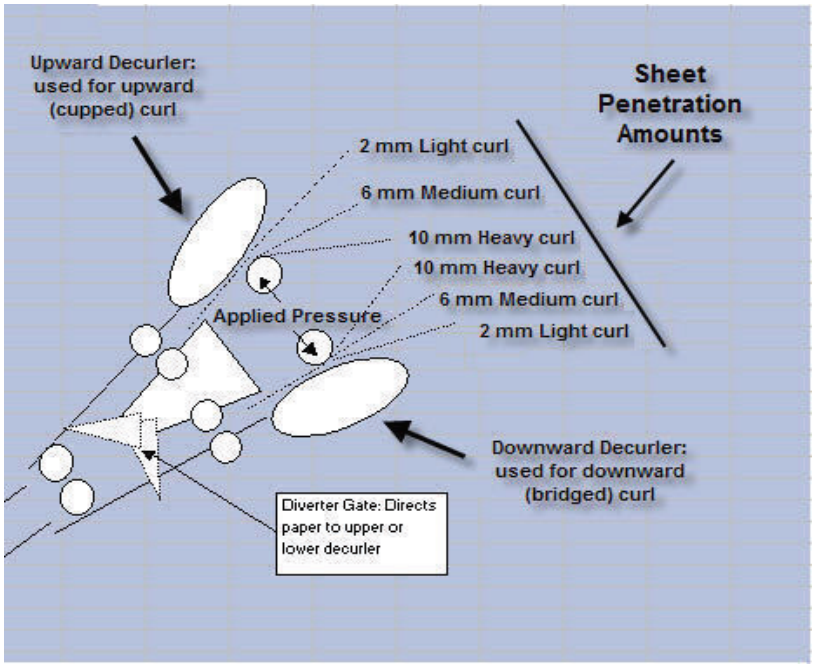
based on the job's percentage of toner area coverage and the printer's humidity values, only.

- With some print jobs, the output prints still may be curled more than you desire even after using the Decurler Paper Type A-D settings. In those cases, use the Decurler E Table Settings feature to compensate for paper curl in your prints. The Decurler E Table settings are based on job type and percentage of toner area coverage. These settings are manually entered. See Downward Curl on page 2-13.
- If a Decurler profile setting is changed, it remains at that setting until changed again manually. As an example, if you decide to use the Paper Type B Decurler setting, the setting will remain at Paper Type B until you change it to another setting.

It is important to remember that a successful Decurler setting used today may not be the same setting that you would use on another day for the same file. This is especially relevant if the room in which printer is located experiences changes in temperature and humidity.

Decurler Paper Path

The Decurler has both upper and lower adjustment arms that apply pressure to the paper based on system defaults, selections made on the Decurler Setup screen (Paper Type A-D settings), or based on entries made on the Decurler E Table Settings screen. The degree of pressure is applied independently to the upward and downward Decurler arms.



Decurler Paper Type A-D Settings

If paper curl is a problem, using one of the preset Decurler Paper Type A-D Profile Settings usually eliminates the problem. However, due to the broad range of paper variables, image coverage, and environmental factors, these default settings may not result in satisfactory performance.

Note

Visit the www.xerox.com web site and refer to the latest **Recommended Materials List** (RML) for your digital press:

- To determine if Xerox has tested your paper type and weight
- View the recommended Decurler Paper Type A - D settings for particular paper types.

The following table shows examples of the Decurler A - D Profile settings for particular stocks, which were taken directly from the Recommended Materials List for the DocuColor 8080:

Paper Type	Decurler Setting
Xerox Digital Color Supreme Gloss 8pt. Cover C1S	A
Xerox Color Xpressions +, 32 LB	B
Xerox Digital Color Parchment White, 24 LB.	A
Xerox Digital Color Elite Gloss 100# Text	A

Note

The settings recommended in the “Recommended Materials List for DocuColor 8080” were developed from testing a wide range of paper samples, percentage of toner area coverage, and environments. The outcome of this testing is the preset parameters shown in the list, and these parameters refer to how particular papers interact with the digital press decurling system.

If the System Default setting is not correcting curl, then you can use one of the Decurler Paper Type A - D settings, See Decurler Paper Type A-D procedure on page 2-4. For example:

- If the System Default is not correcting curl, select Decurler Paper Type A.
- If Decurler Paper Type A is not correcting curl, select Decurler Paper Type B.
- If Decurler Paper Type B is not correcting curl, select Decurler Paper Type C.
- If Decurler Paper Type C is not correcting curl, select Decurler Paper Type D.
- If System Default and Decurler Paper Type A, B, C, and D do not correct curl, you can use the Decurler E Table Settings, See Downward Curl on page 2-13.

Decurler Paper Type A-D procedure

If after using the System Default setting paper curl is still unacceptable, select an alternate Decurler Paper Type A - D setting:

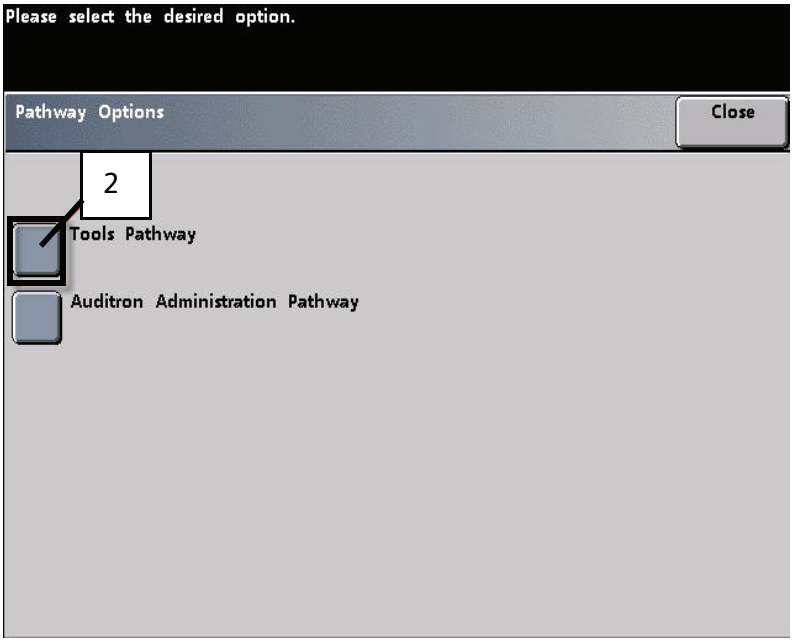
1. At the controller, logon to the Tools menu as Administrator.
   a. Press the **Access** button.
   b. Enter the Administrator password.

   Note

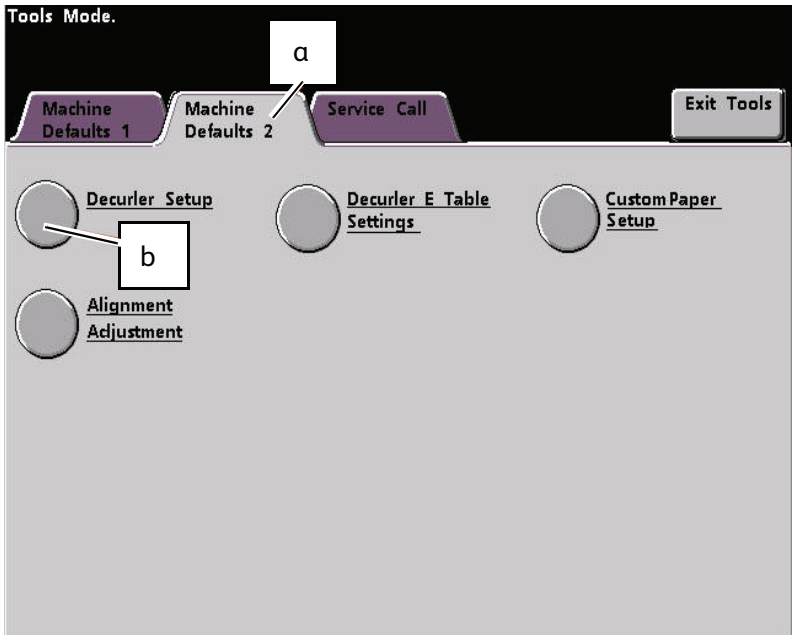
   The default Administrator password is **11111**. This password may be changed to fit your needs.

   c. Press **Enter**.

2. The Pathway Option screen opens. Select the **Tools Pathway** button.



3. From the Tools Mode window, press:
   a. **Machine Defaults 2** tab.
   b. **Decurler Setup** button.



4. The Decurler Setup screen opens.
   a. From the Paper Tray menu, select the tray that contains the paper you are using on the job. The default selection is Tray 1.

   Note

   If you have an optional SFM attached, Trays 3 and 4 also appear on this screen.

   b. Select the job's stock coating: **Uncoated** or **Coated**.

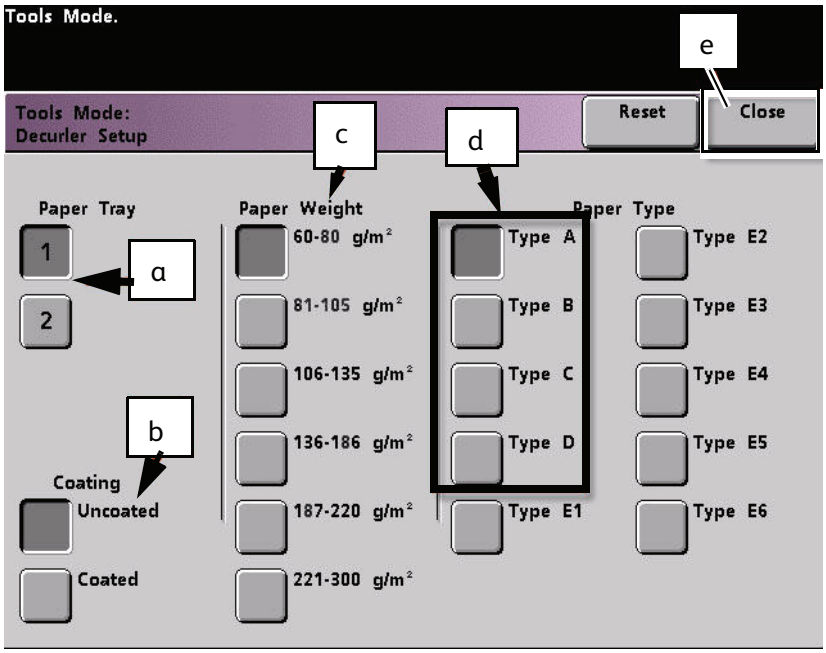
c. Make a selection from the **Paper Weight** range menu.

d. The default Paper Type is automatically applied by the printer for the Paper Tray, Coating and Paper Weight values you entered. Select an alternate Paper Type from Paper Type A through Paper Type D to change the amount of decurling applied. As an example, if the system automatically selects Type B, select Type C.

Note

The Type E settings are custom entered values that are explained later in this chapter. While the Type E settings can be selected, they need to be programmed prior to selection. See Downward Curl on page 2-13.

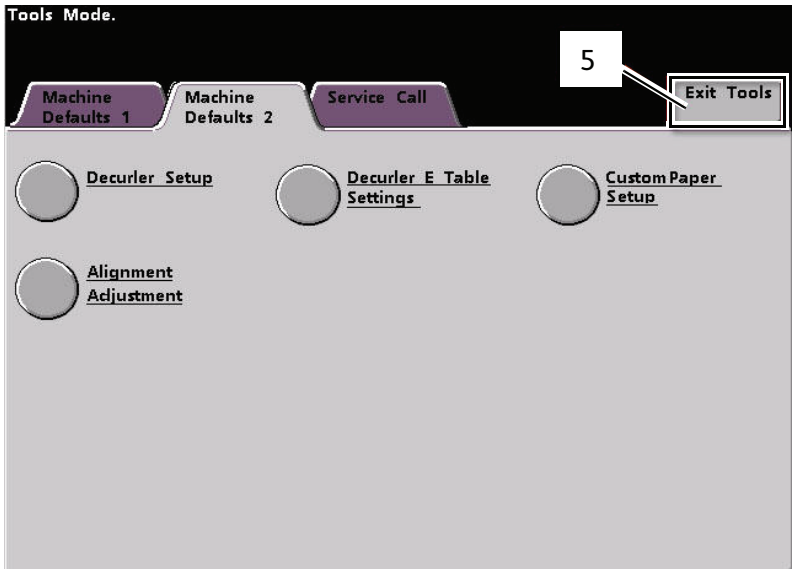
e. Touch the **Close** button to save your selections and return to the Machine Defaults 2 screen.



Note

Touch the **Reset** button on the *Decurler Setup* screen to return to the settings established when you first accessed the screen. As an example, if the system automatically selected Type B and you changed it to Type C, the system will return the setting to Type B.

5. Exit the Tools Mode.



6. Run a few test prints to determine if the curl was reduced to a satisfactory level.
   a. If the curl is eliminated, continue running your prints using the specific Decurler Paper Type A - D setting.
   b. If curl remains excessive, try another Decurler Paper Type A - D setting.
   c. If the curl continues after using **each** Decurler Paper Type A - D setting, continue to the Decurler E Table Settings profile procedure. See Downward Curl on page 2-13.

Decurler E Table Settings

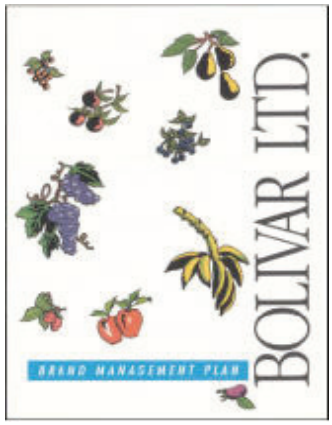
While the system is programmed to correct for curl under most conditions, there may be instances where the pre programmed settings (System Default and Paper Type A - D) may not meet your curl requirements. Using the Decurler E Table Settings allows you to enter a percentage of toner area coverage range to help eliminate curl.

Notes

- The examples that follow are designed to give you an understanding of programming the Decurler E Table Settings option to obtain optimal results, but due to various job stock and environmental conditions the manner in which you achieve the best results may vary.
- The most important aspect for creating Decurler E Table Settings is determining the percentage of toner area coverage on the curled paper. A sampling of percentage of toner area coverage on some typical customer documents follows.
- The following percentage of toner area coverage examples have been measured using the particular application's tools which created them. If you do not have access to an application's tools, which measure percentage of toner area coverage, make your estimate using the following examples as a guide. Your estimates will be used when entering Decurler E Table Settings values, which is explained later in this section.

Toner area coverage example 1

Percentage of Toner Area Coverage examples

Carousel Horses		Bolivar Ltd.		Dunn Report	
					
Percentage of Toner Area Coverage per Color		**Percentage of Toner Area Coverage per Color**		**Percentage of Toner Area Coverage per Color**	
Black	30.5 %	Black	5.4 %	Black	10.8 %
Magenta	28.1 %	Magenta	4.3 %	Magenta	8.5 %
Cyan	23.8 %	Cyan	6.0 %	Cyan	8.5 %
Yellow	29.5 %	Yellow	6.7 %	Yellow	7.2 %

Toner area coverage example 2

Percentage of Toner Area Coverage examples (continued)		
Upholstery by Morris	**Alpine Nursery**	**Tulips**
		

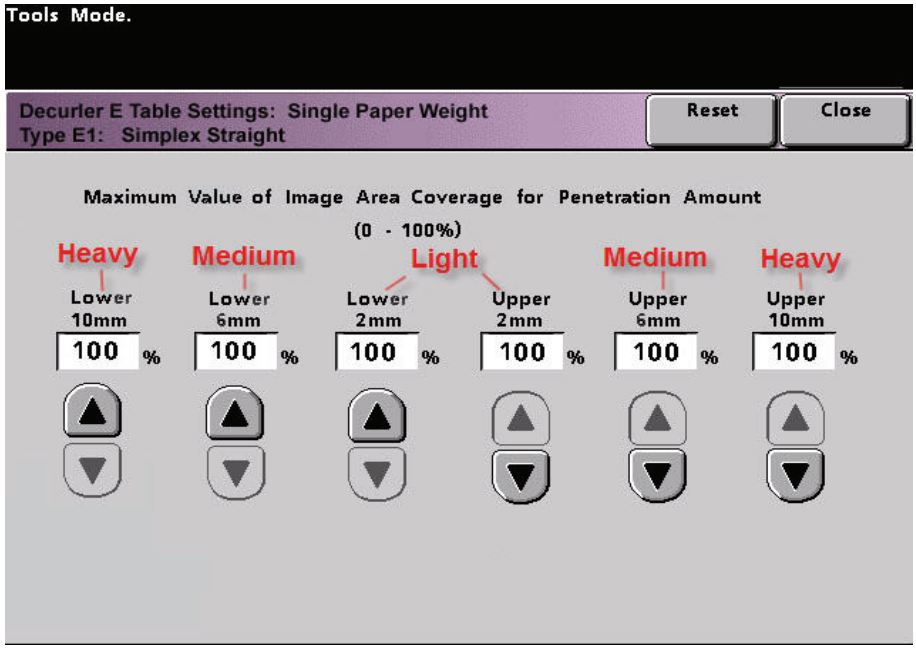
Percentage of Toner Area Coverage examples (continued)					
Upholstery by Morris		**Alpine Nursery**		**Tulips**	
Percentage of Toner Area Coverage per Color		**Percentage of Toner Area Coverage per Color**		**Percentage of Toner Area Coverage per Color**	
Black	11.6 %	Black	4.5 %	Black	27.8 %
Magenta	11.9 %	Magenta	5.1 %	Magenta	24.7 %
Cyan	11.1 %	Cyan	4.3 %	Cyan	23.8 %
Yellow	11.4 %	Yellow	6.0 %	Yellow	28.8 %

Examples of upward/downward paper curl

Determine if curl is upward (“cupped”) or downward (“bridged”).

Light, Medium, and Heavy Curl

Light, Medium and Heavy curl refer to the 2 mm (Light), 6 mm (Medium) and 10 mm (Heavy) curl selections in the **Lower** and **Upper** fields of the Decurler E Table Settings Type E window.



Note

Paper that is curled *upwards* is adjusted using the **Upper** values. Paper that is curled *downwards* is adjusted using the **Lower** values.

Light, medium, and heavy curl examples

Use the following example as a guide when determining if your curl is Light, Medium, or Heavy.

Entering values in the Decurler E Table fields

When determining what values to enter, do not total all CMYK percentage of toner area coverage, but instead determine the largest CMYK percentage of toner area coverage value. Take a look at the following examples for further explanation:

- If your job contains percentage of toner area coverage of 100 % cyan, 100 % magenta, 100 % yellow, and 100 % black, the maximum percentage of toner area coverage value is 100 % . If your job contains 100 % cyan, 20 % magenta, 20 % yellow, and 20 % black, the maximum value is still 100 % .
- If your job contains percentage of toner area coverage of 50 % cyan, 50 % magenta, 50 % yellow, and 50 % black, the maximum percentage of toner area coverage value is 50 % . If your job contains 50 % cyan, 10 % magenta, 10 % yellow, and 10 % black, the maximum value is still 50 % .
- Consider the Carousel Horses percentage of toner area coverage image shown below. When entering percentage of toner area coverage values to control curl, you will use the black 30.5 % value, not the combined total of all CMYK values.

Percentage of Toner Area Coverage

Carousel Horses	
	
Percentage of Toner Area Coverage per Color	
Black	30.5 %
Magenta	28.1 %
Cyan	23.8 %
Yellow	29.5 %

How to enter values in the Decurler E Table Settings Type E window

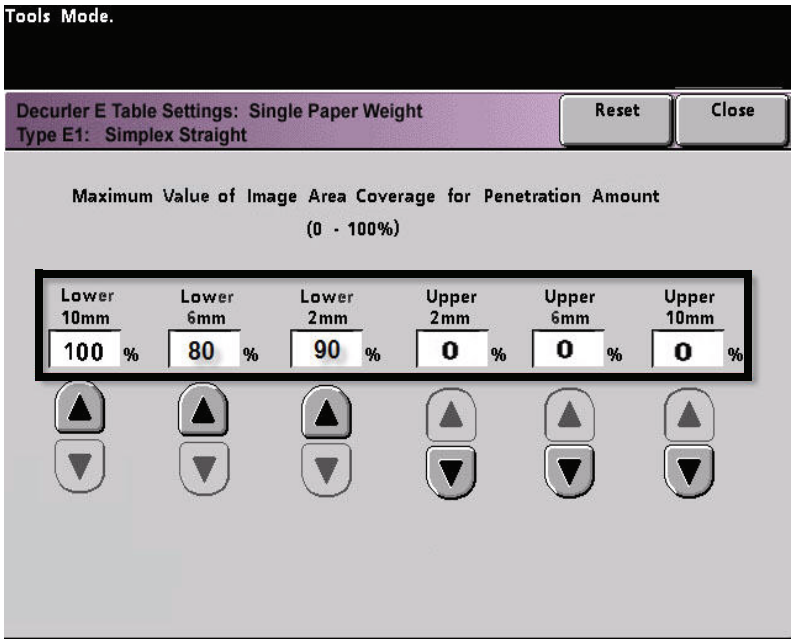
Within the Decurler E Table Settings Type E window, you must enter Decurler values in ascending or descending order. In the following example, 100 % was followed by 80 % and 90 % , respectively. The correct sequence would need to be 100 % , followed by 90 % and then 80 % .

Note

It is important to understand that if you enter values incorrectly (not entered in ascending or descending order) your print job will run, but the system may not respond to curl correction as expected.

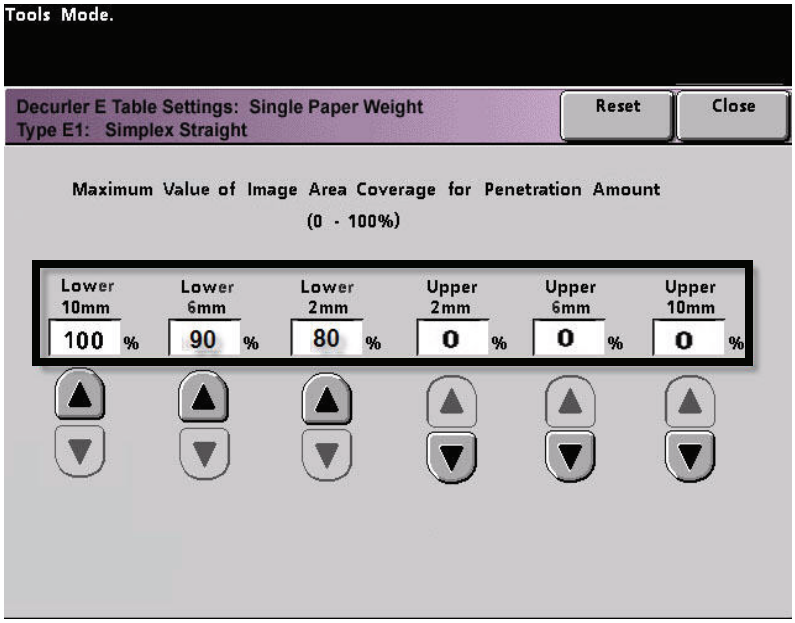
Example of entering values incorrectly

Values entered incorrectly: 100 %, 80 %, 90 %, 0 %, 0 %, 0 %.



Example of entering values correctly

Values entered correctly: 100 %, 90 %, 80 %, 0 %, 0 %, 0 %.

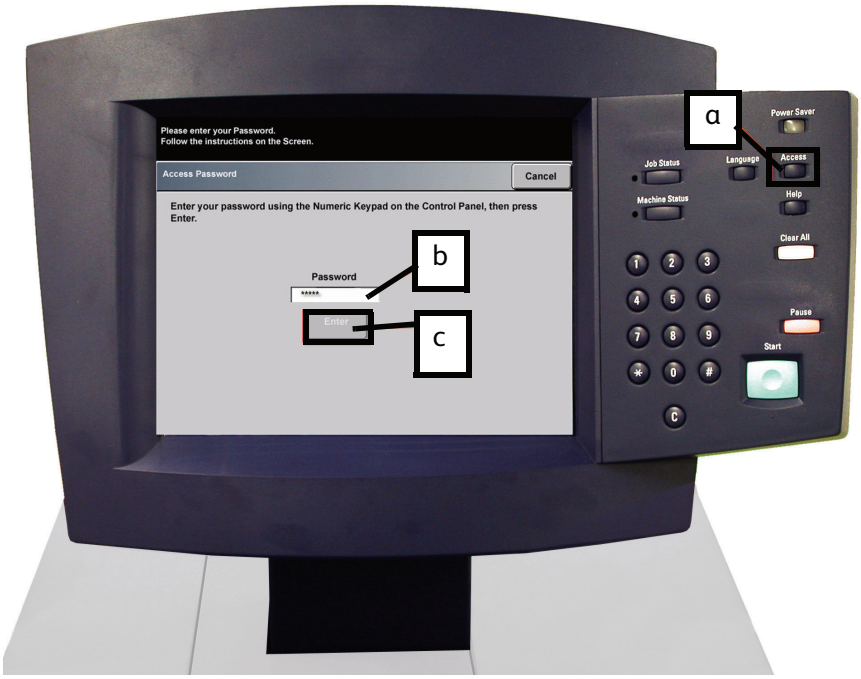


Downward Curl

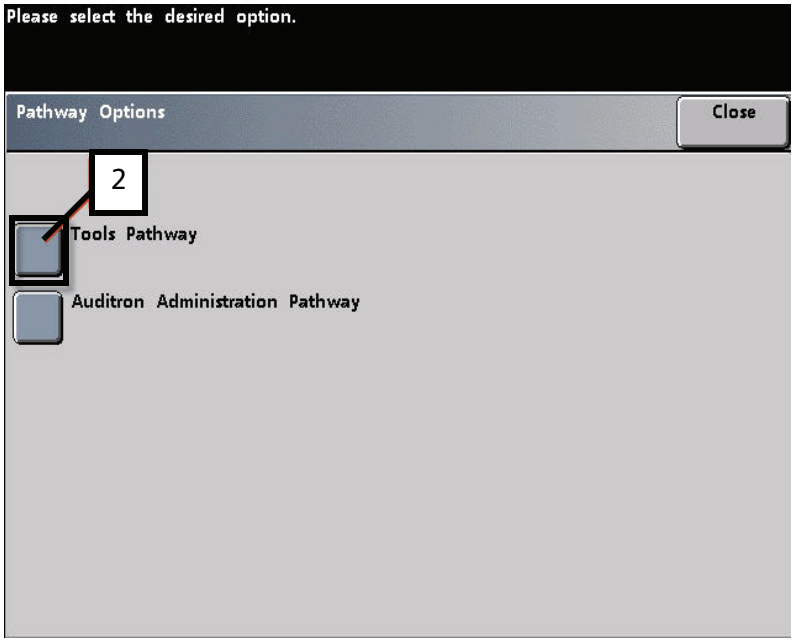
Creating a Decurler E Table Setting

To program a Decurler E Table Setting, perform the following:

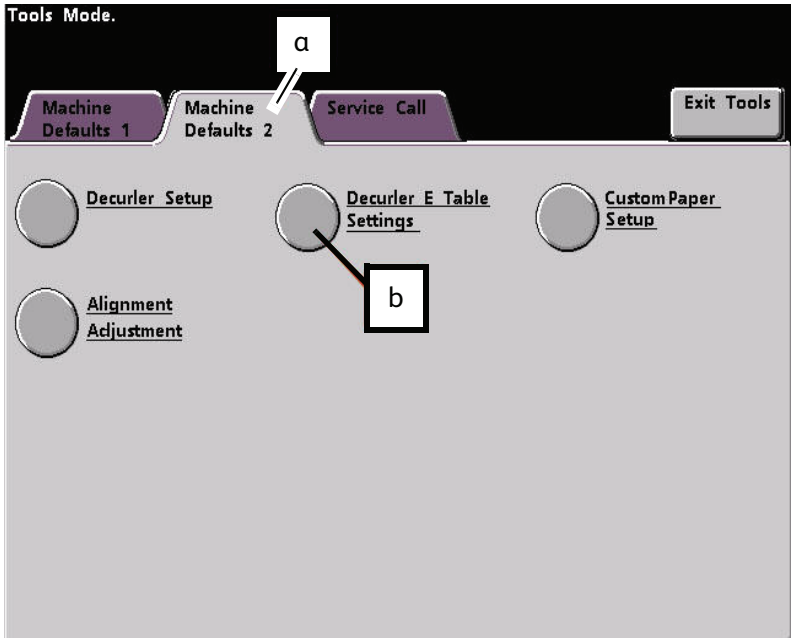
1. At the controller, logon to the Tools menu as Administrator.
   a. Press the **Access** button.
   b. Enter the Administrator password.
   c. Press **Enter**.



2. The Pathway Option screen opens. Select the **Tools Pathway** button.

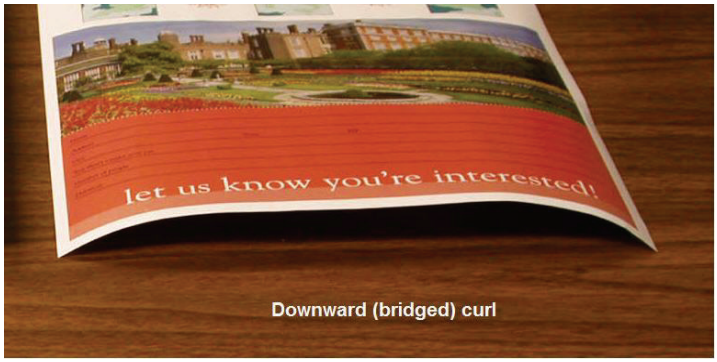


3. From the Tools Mode window, press:
   a. **Machine Defaults 2** tab.
   b. **Decurler E Table Settings** button.



Example of Downward Curl

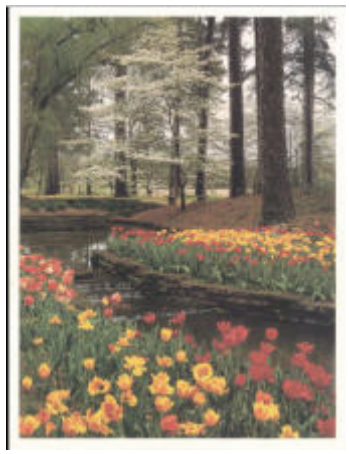
4. Curl remains after you have tried the System Default and the Decurler Paper Type A-D Settings. See Downward Curl on page 2-13. As a result, you need to program the Decurler to use the downward Decurler path to remove the downward (bridged) curl.



In this example, you are running a 10-page, 1 Sided: Face Up job, which shows downward (bridged) curl. The job contains:

- Six pages with maximum percentage of toner area coverage of 10.8 % (Dunn Report) show light downward curl.
- Four pages with maximum percentage of toner area coverage of 28.8 % (Tulips) show medium downward curl.

Percentage of Toner Area Coverage

Dunn Report		Tulips	
			
Percentage of Toner Area Coverage per Color		Percentage of Toner Area Coverage per Color	
Black	10.8 %	Black	27.8 %
Magenta	8.5 %	Magenta	24.7 %
Cyan	8.5 %	Cyan	23.8 %
Yellow	7.2 %	Yellow	28.8 %

Selecting the Decurler E Table Settings option

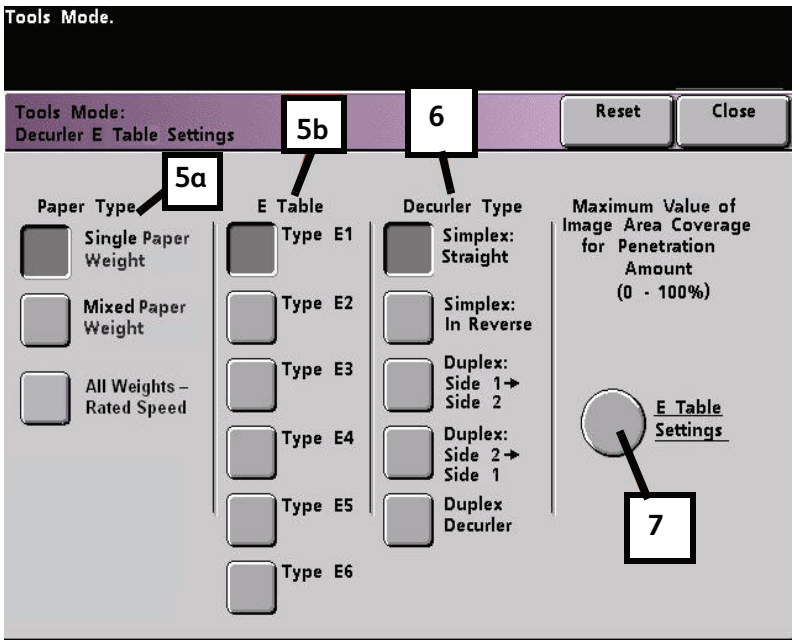
5. Within the Decurler E Table Settings screen, select the following options for the job:
   a. The job's **Paper Type**. For this exercise we are using **Single Paper Weight**.
   b. Select the **E Table** that you will use to enter Decurler values. You can edit an E Table or create a new one. For this exercise we will create a new E Table using **Type E1**.

Selecting a Decurler Type

6. Select a **Decurler Type**:
   a. **Simplex: Straight**: Select this setting if your output is 1-sided, face-up. We will use this setting for this exercise.
   b. **Simplex: In Reverse**: Select this setting if your output is 1-sided, face-down
   c. **Duplex: Side 1 to Side 2**: Select this setting if your output is 2-Sided, face-down (1-N)
   d. **Duplex: Side 2 to Side 1**: Select this setting if your output is 2-Sided, face-up (N-1)
   e. **Duplex Decurler**: Select this setting if your 2-Sided jobs frequently jam in Areas 5, 6, 7a, and 7b of the digital press, or if curl is apparent on your 2-Sided job.

Selecting the E Table Settings button

7. Select the **E Table Settings** button to enter Decurler E Table Settings values.

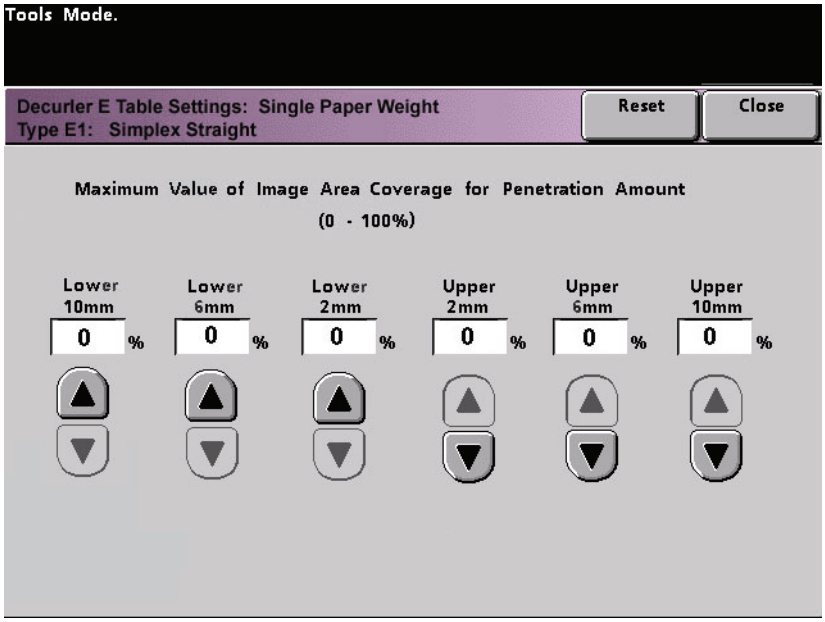


Entering values in the E Table Settings window

8. In the Decurler E Table Settings Type E window:
   a. Enter the following values in the fields by pressing the arrow buttons:

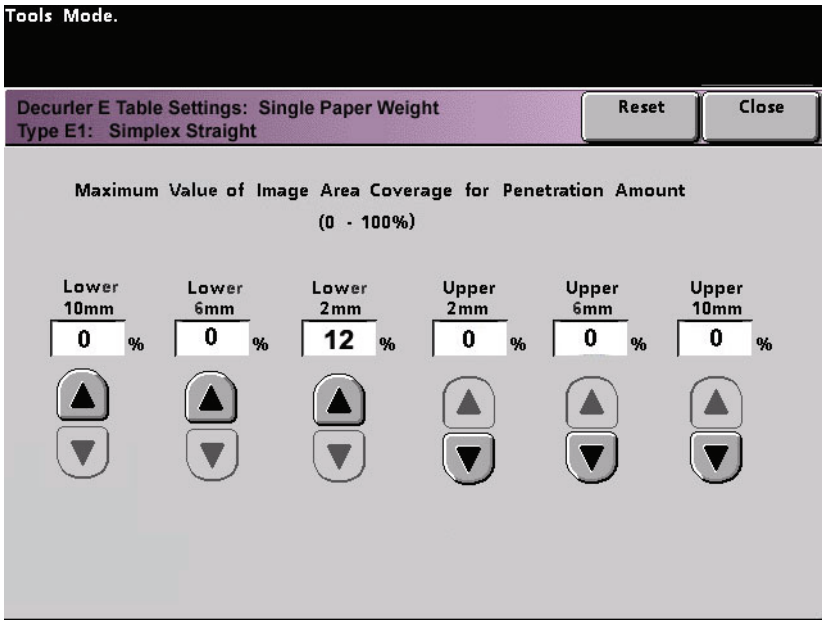
Entering the values to correct downward curl

- Since your job shows downward curl, you do not want to use the Upward Decurler. As a result, in the **Upper** fields you must enter values in descending order, or in equal values less than 12 % (the next value you will enter). For this exercise we will use 0 % , 0 % and 0 % .



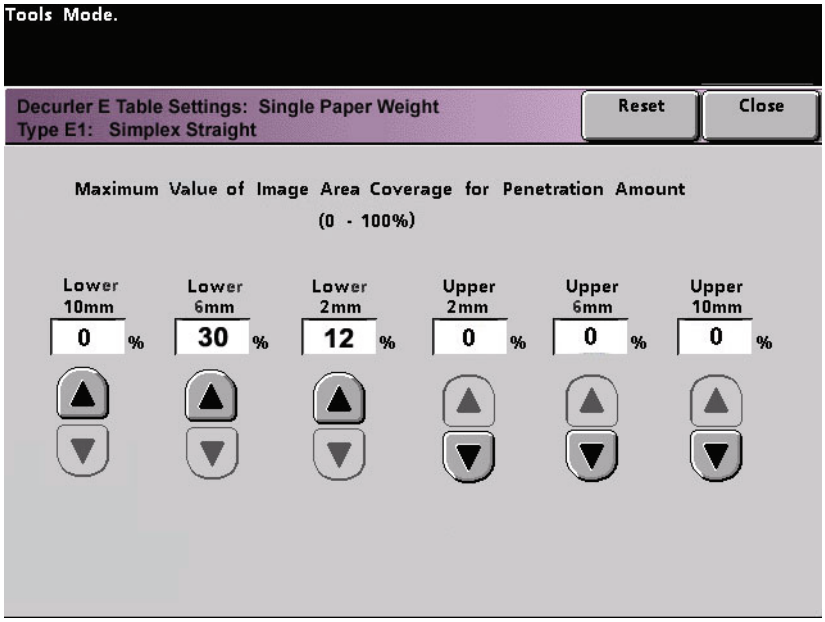
Enter the value for the Lower 2 mm field

- In the **Lower** 2 mm (Light curl) field enter 12 % . This means that all pages with a 0 % through 12 % toner area coverage, which includes the Dunn Report maximum of 10.8 % , are sent to the 2 mm downward Decurler path.



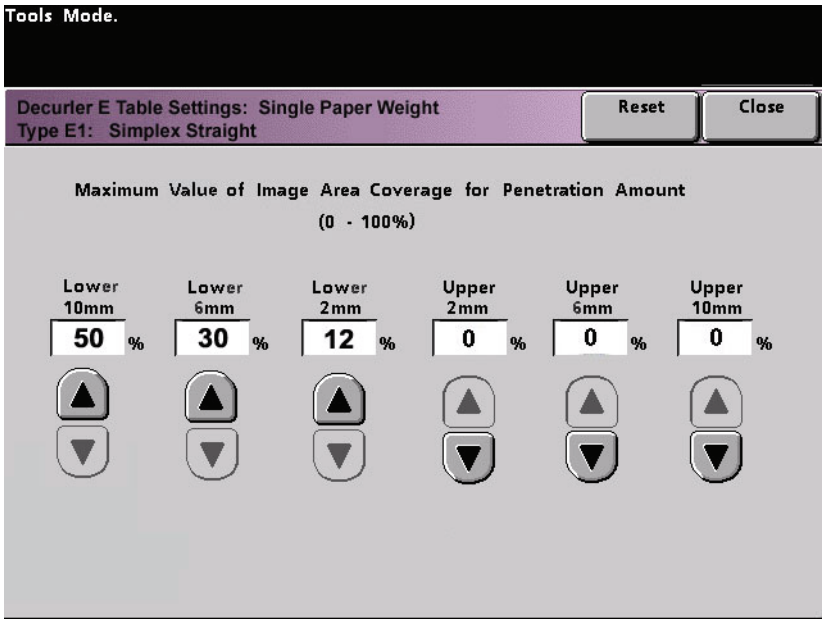
Enter the value for the Lower 6 mm field

- In the **Lower** 6 mm (Medium curl) field, enter 30 %. This means that all pages with 13 % to 30 % toner area coverage, which includes the Tulips 28.8 %, will be sent to the 6 mm downward Decurler path.



Enter the value for the Lower 10 mm field

- In the **Lower** 10 mm (Heavy curl) field, enter 50 %. Since none of your job pages have 31 % through 50 % toner area coverage, this Decurler setting will not be used.



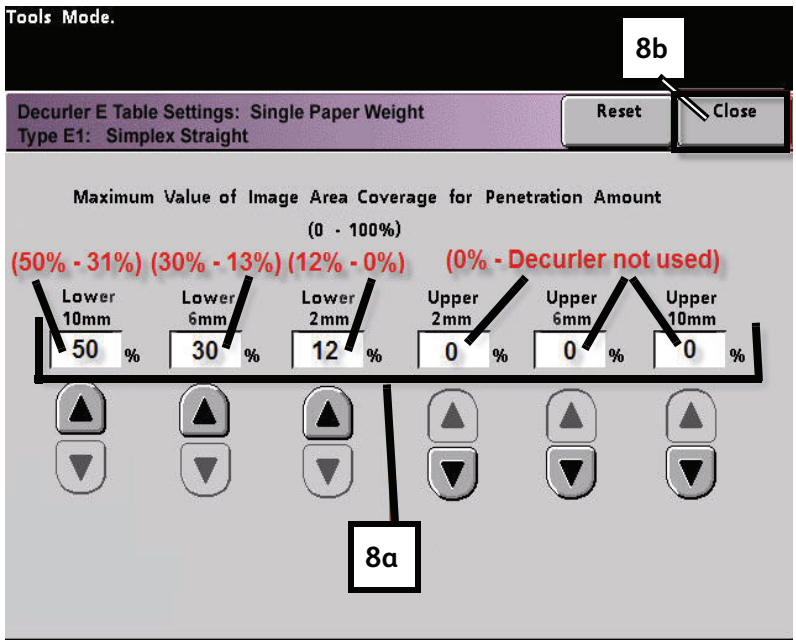
Notes

- Entering 50 % in the **Lower** 10 mm (Heavy curl) field simply illustrates that entering any value at or above 30 % (maximum of 100 %) results in the same outcome. Since none of

your job pages have an image density ratio above 30 % the **Lower** 10 mm Decurler setting will not be used.

- Remember, all fields have to be considered (**Lower** and **Upper**) when entering Decurler E Table Settings values.

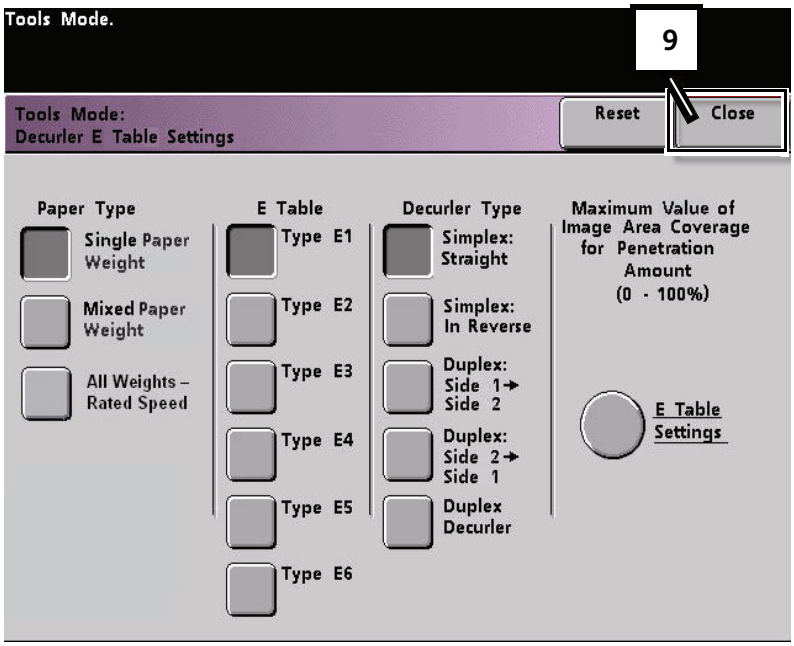
The following screen shows how the values would be entered:



b. To save your Decurler E Table Setting, press **Close**. The Decurler E Table Setting Type E window closes and the Decurler E Table Setting window opens.

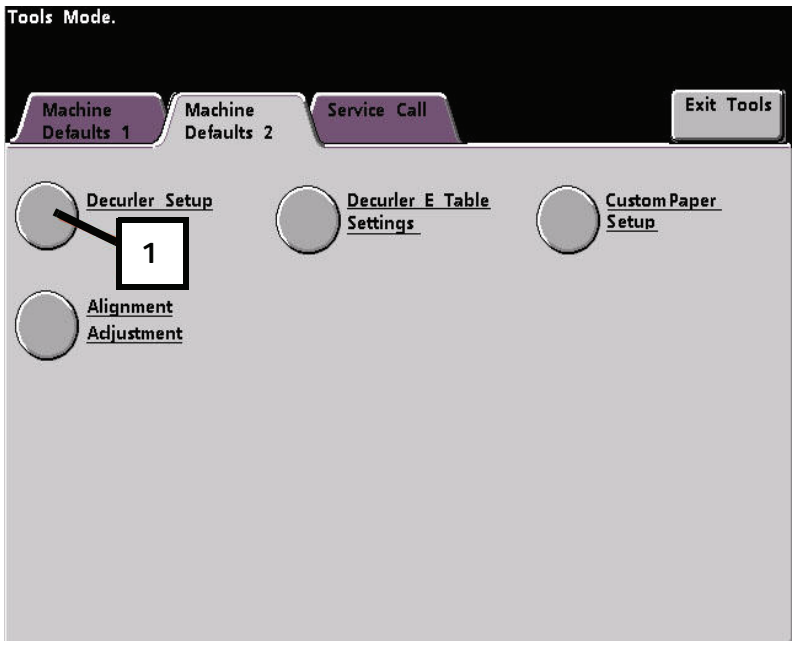
Saving your settings and returning to the Machine Defaults 2 screen

9. Press the **Close** button to exit the Decurler E Table Setting window and return to the Machine Defaults 2 screen.



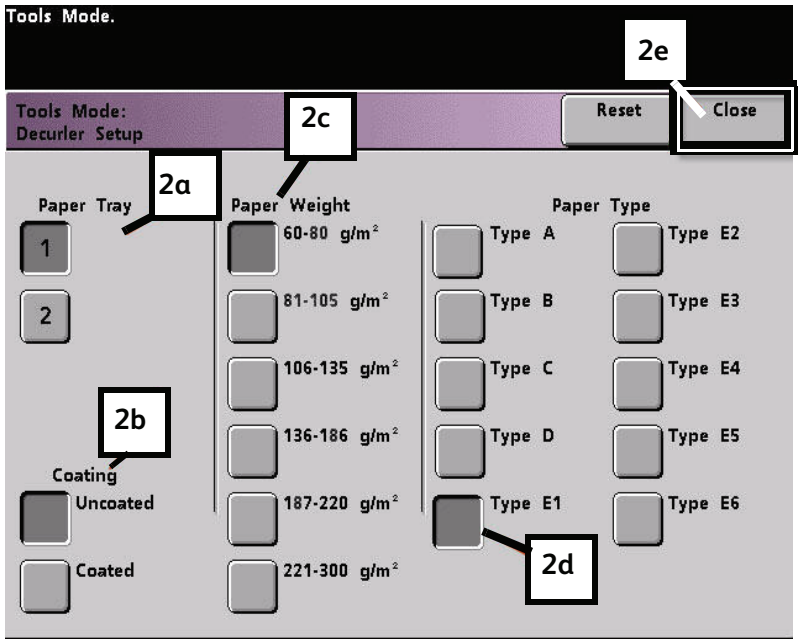
Activating the newly created Decurler E Table Setting

1. To use the newly created Decurler E Table Setting, you need to activate it. From the Machine Defaults 2 screen, press the **Decurler Setup** button.

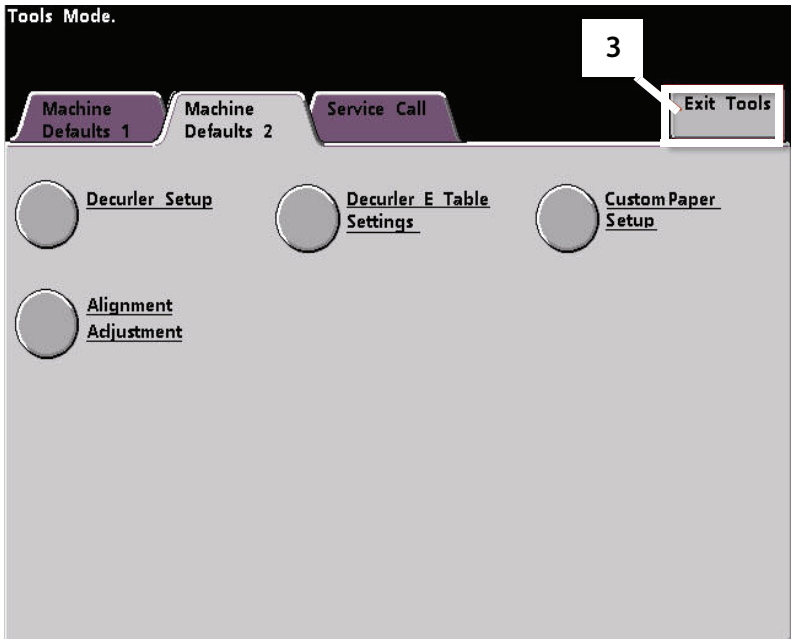


Entering the correct job information for the programmed setting

2. From the Decurler Setup window you need to enter job information for the Decurler E Table Setting you just programmed. Press the following buttons:
   a. Select the job's **Paper Tray**.
   b. Select the job's stock coating: **Uncoated** or **Coated**.
   c. Select the job's **Paper Weight**.
   d. Select the **Paper Type** that you just created, which in this case is **Type E1**.
   e. Select **Close** to save the settings and return to the Machine Defaults 2 screen.



3. Exit Tools Mode and run you job.



Print your job to determine if the paper curl is eliminated

Print your job and determine if the curl has been eliminated.

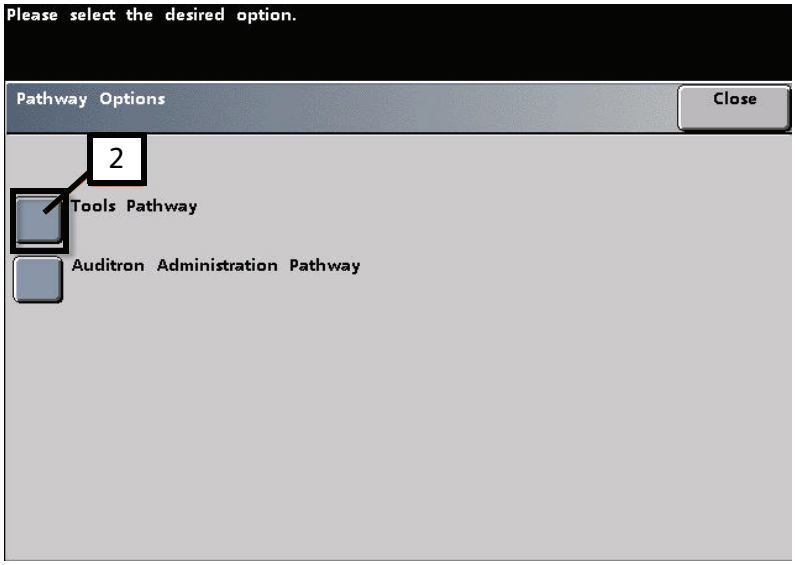
1. If the curl is eliminated, continue running your prints using that specific Decurler setting.
2. If the curl remains, you may have to repeat this procedure and adjust the percentage of toner area coverage values entered in the Decurler E Table Setting Type E window until you achieve acceptable output prints.
3. If curl remains after trying various value entries in the Decurler E Table Setting window, call your Xerox service representative.

Upward Curl

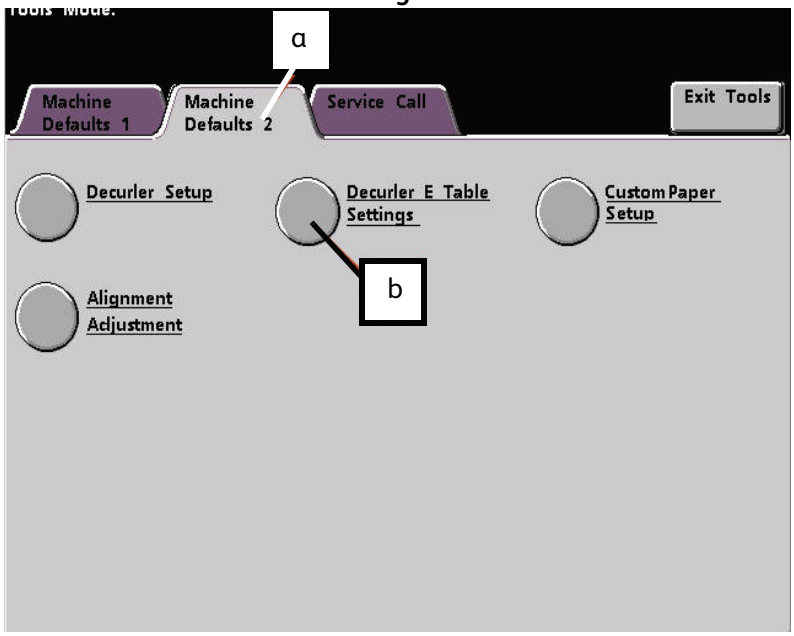
Creating a Decurler E Table Setting

1. At the controller, logon to the Tools menu as Administrator.
   a. Press the **Access** button.
   b. Enter the Administrator password.
   c. Press **Enter**.

2. The Pathway Option screen opens. Select the **Tools Pathway** button.

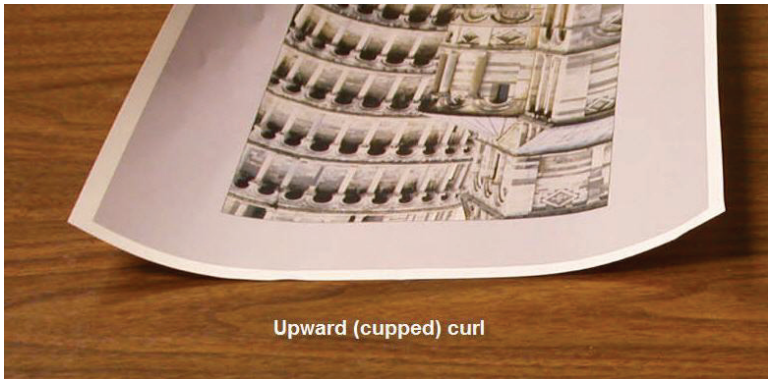


3. From the Tools Mode window, press:
   a. **Machine Defaults 2** tab.
   b. **Decurler E Table Settings** button..



Example of Upward Curl

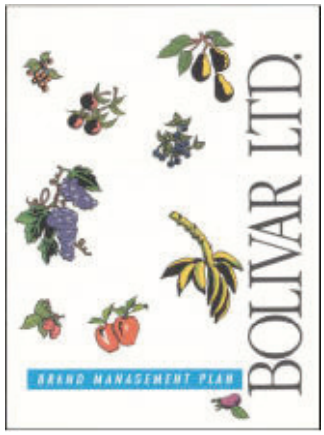
4. Curl remains after you have tried the System Default and the Decurler Paper Type A-D Settings. See Downward Curl on page 2-13. As a result, you need to program the Decurler to use upward pressure (or the upper roller) to remove the upward (cupped) curl.



In this example you are running a 10-page, 1 Sided: Face Up job, which uses Mixed Paper Weights, shows upward curl:

- Six pages with toner area coverage between 4.3 % and 6.7 % (Bolivar Ltd.) show light upward curl.
- Four pages with toner area coverage between 23.8 % and 30.5 % (Carousel Horses) show heavy upward curl.

Percentage of Toner Area Coverage

Carousel Horses		Bolivar Ltd.	
			
Percentage of Toner Area Coverage per Color		**Percentage of Toner Area Coverage per Color**	
Black	30.5 %	Black	5.4 %
Magenta	28.1 %	Magenta	4.3 %
Cyan	23.8 %	Cyan	6.0 %
Yellow	25.9 %	Yellow	6.7 %

Selecting the Decurler E Table Settings option

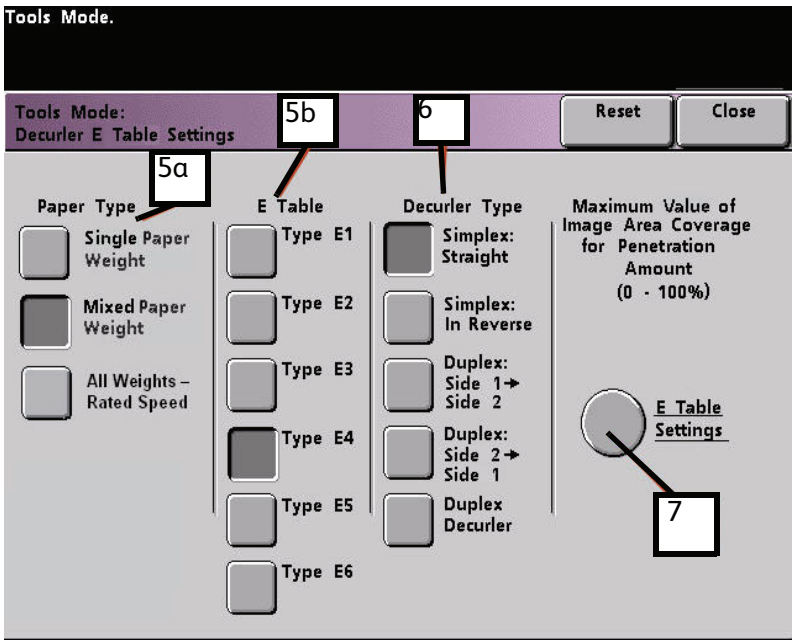
5. Within the Decurler E Table Settings screen, select the following options for the job:
   a. The job's **Paper Type**. For this exercise we are using **Mixed Paper Weight**.
   b. Select the **E Table** that you will use to enter Decurler values. You can edit an E Table or create a new one. For this exercise we will create a new E Table using **Type E4**.

Selecting a Decurler Type

6. Select a **Decurler Type**:
   a. **Simplex: Straight**: Select this setting if your output is 1-sided, face-up. We will use this setting for this exercise.
   b. **Simplex: In Reverse**: Select this setting if your output is 1-sided, face-down
   c. **Duplex: Side 1 to Side 2**: Select this setting if your output is 2-Sided, face-down (1-N)
   d. **Duplex: Side 2 to Side 1**: Select this setting if your output is 2-Sided, face-up (N-1)
   e. **Duplex Decurler**: Select this setting if your 2-Sided jobs frequently jam in Areas 5, 6, 7a, and 7b of the digital press, or if curl is apparent on your 2-Sided job.

Selecting the E Table Settings button

7. Select the **E Table Settings** button to enter Decurler E Table Settings values.



Entering values in the E Table Settings window

8. In the Decurler E Table Settings Type E window:
   a. Enter the following values in the fields by pressing the arrow buttons:

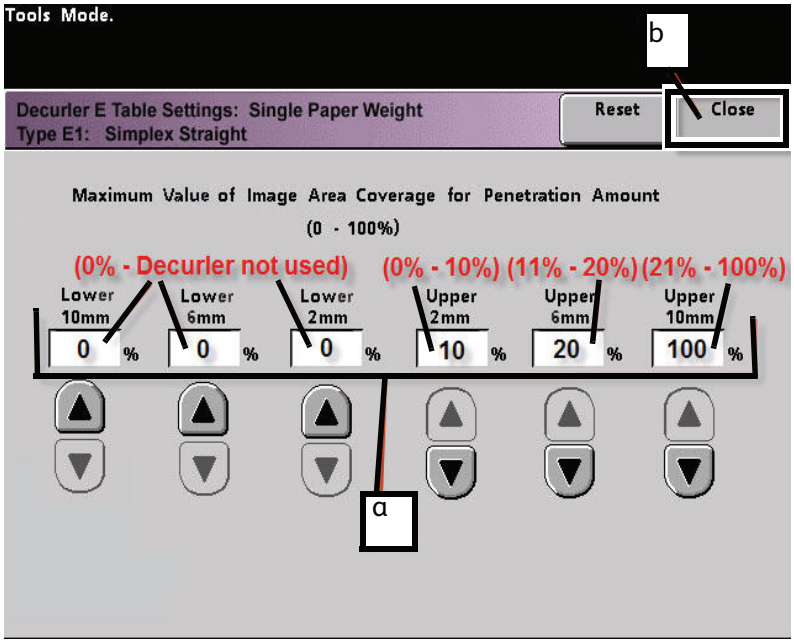
Entering the values to correct upward curl

- Since your job does not require the Downward Decurler, enter 0 % in each of the **Lower** fields.
- In the **Upper** 2 mm (Light curl) field, enter 10 %. As a result, pages with toner area coverage from 0 % to 10 %, which includes the Bolivar Ltd. Page, will be sent to through this Decurler.
- In the **Upper** 6 mm (Medium curl) field, enter 20 %. Since none of your job pages have toner area coverage from 11 % to 20 %, this Decurler setting will not be used.
- In the **Upward** 10 mm (Heavy curl) field, enter 100 %. This means that all pages with toner area coverage of 21 % or greater, which includes the Carousel Horses, will be sent to the 10 mm downward pressure Decurler.

  Note

  Remember, all fields have to be considered (**Lower** and **Upper**) when entering Decurler values.

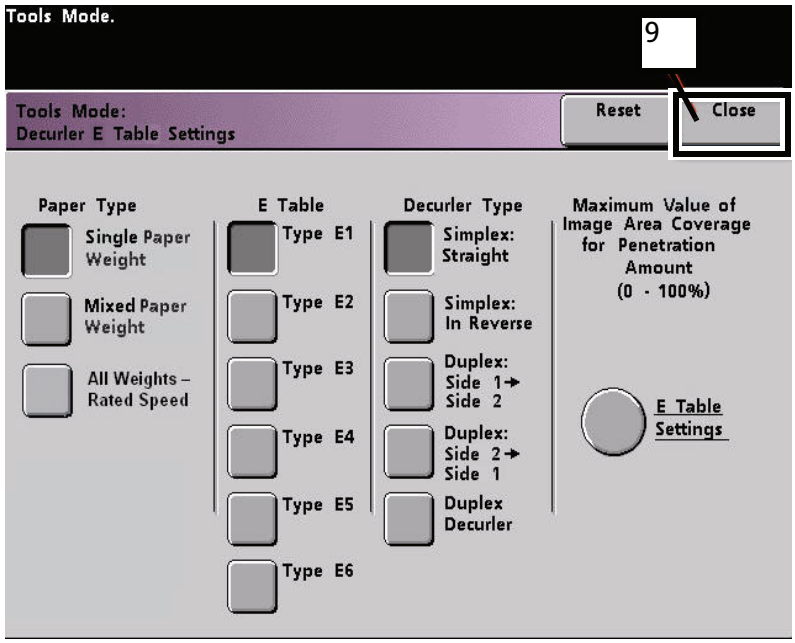
The following screen shows how the values would be entered:



b. To save your Decurler E Table Setting, press **Close**. The Decurler E Table Setting Type E window closes and the Decurler E Table Setting window opens.

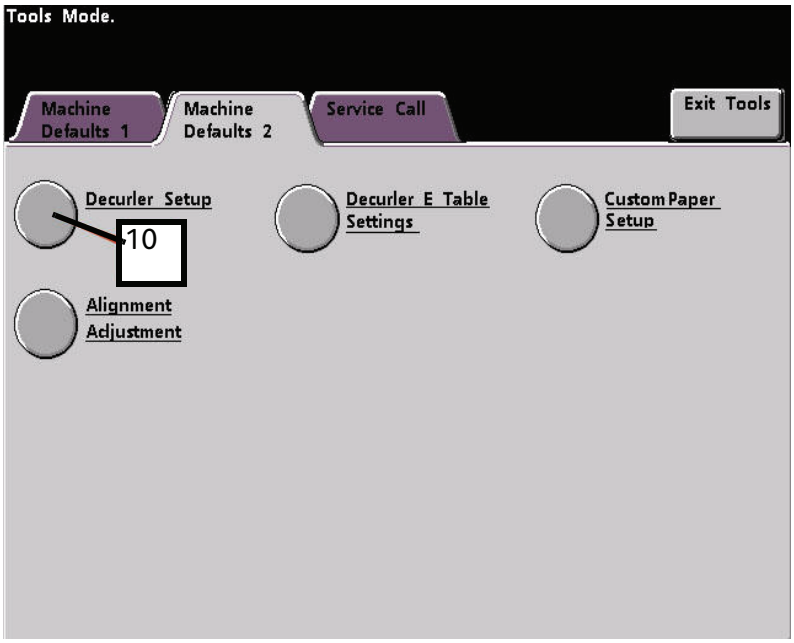
Saving your settings and returning to the Machine Defaults 2 screen

9. Press the **Close** button to exit the Decurler E Table Setting window and return to the Machine Defaults 2 screen.



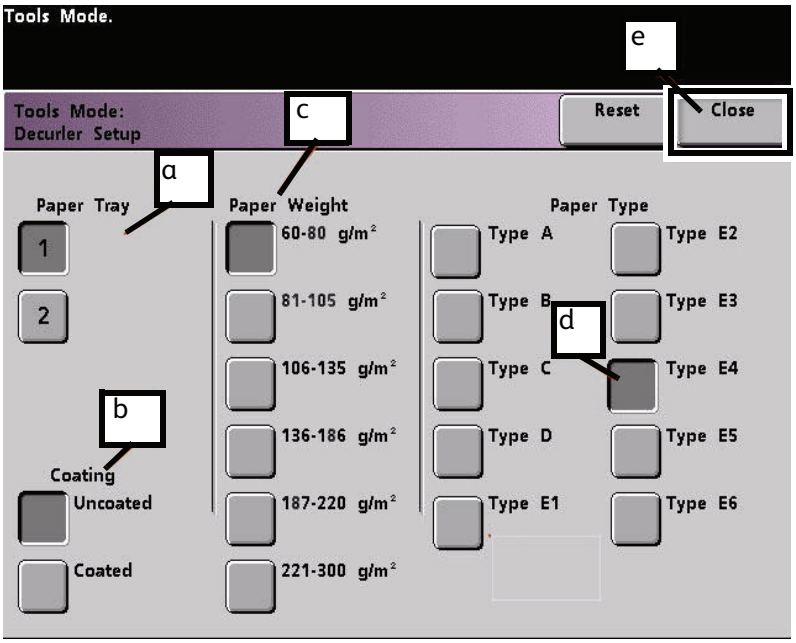
Activating the newly created Decurler E Table Setting

10. To use the newly created Decurler E Table Setting, you need to activate it. From the Machine Defaults 2 screen, press the **Decurler Setup** button.

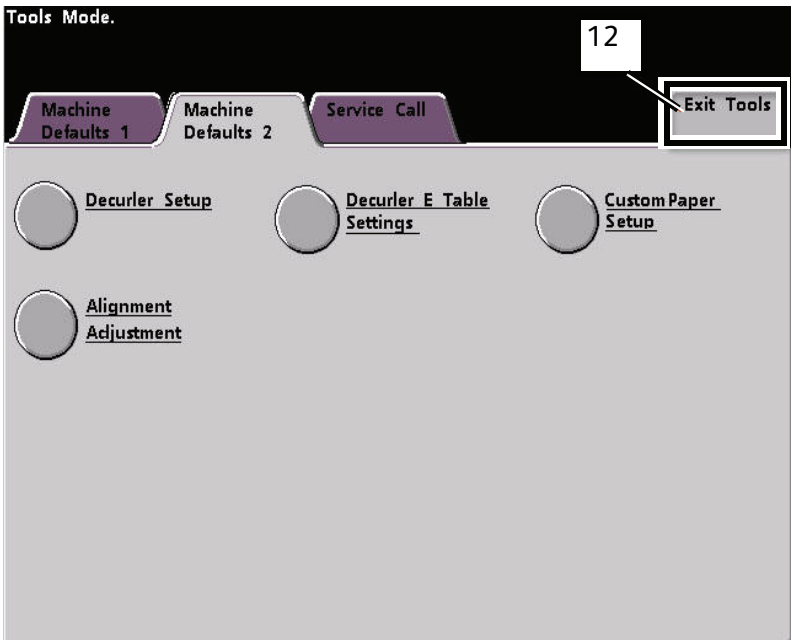


Entering the correct job information for the programmed setting

11. From the Decurler Setup window you need to enter job information for the Decurler E Table Setting you just programmed. Press the following buttons:
    a. Select the job's **Paper Tray**.
    b. Select the job's stock coating: **Uncoated** or **Coated**.
    c. Select the job's **Paper Weight**.
    d. Select the **Paper Type** that you just created, which in this case is **Type E4**.
    e. Select **Close** to save the settings and return to the Machine Defaults 2 screen.



12. Exit Tools Mode and run your job.



Print your job to determine if the paper curl is eliminated

13. Print your job and determine if the curl has been eliminated.
    a. If the curl is eliminated, continue running your prints using that specific Decurler setting.
    b. If the curl remains, you may have to repeat this procedure and adjust the percentage of toner area coverage values entered in the Decurler E Table Setting Type E window until you achieve acceptable output prints.
    c. If curl remains after trying various value entries in the Decurler E Table Setting window, call your Xerox service representative.

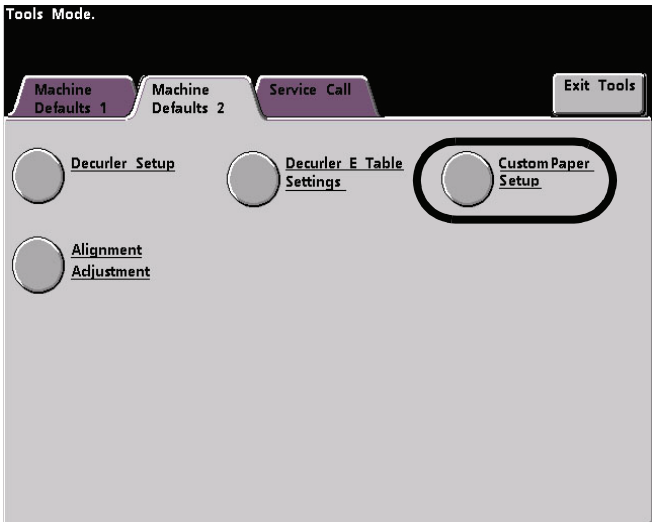
Custom Paper Procedure 3

Use the following procedure for creating/modifying a Custom Paper Profile.

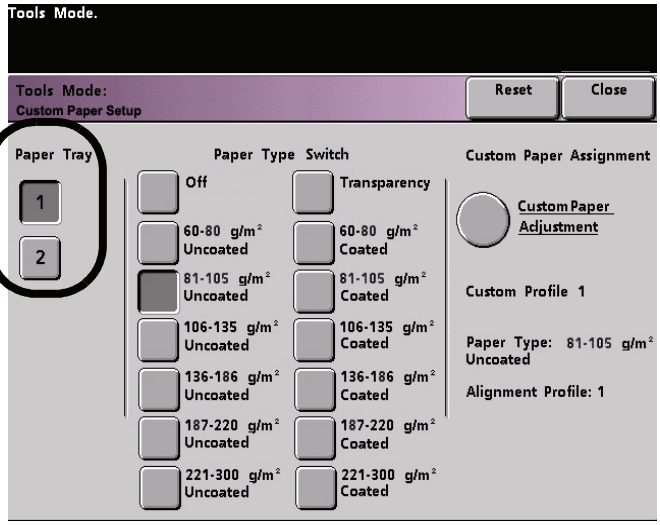
> Note
>
> Before creating or modifying Custom Paper Profiles, copy and use the chart at the back of this book to record your Custom Paper Profile settings. This will ensure that you select the correct profile for a custom job.

Access the Custom Paper Profile feature

1. Select the **Custom Paper Profile** feature from **Machine Defaults 2**.

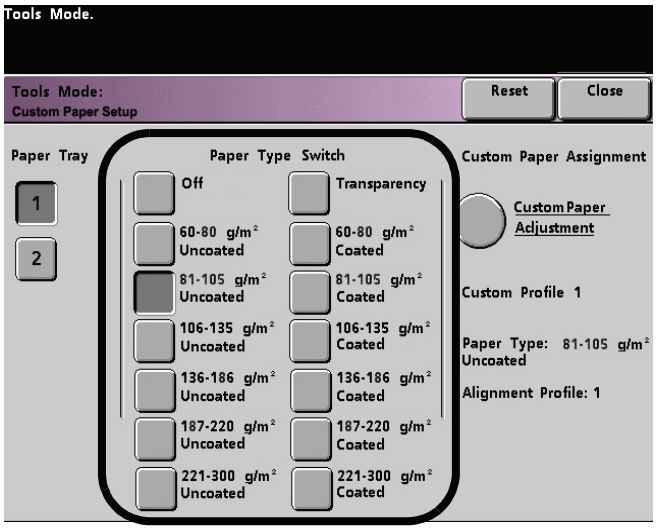


2. The **Custom Paper Setup** window opens.



Select the specific Paper Tray and Paper Type Switch options

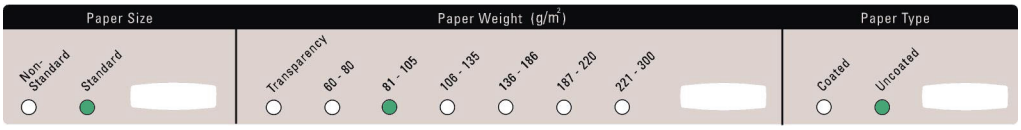
3. Select the specific **Paper Tray** for which the Custom Paper Profile will be created. If you have a SFM attached, this screen reflects the additional Paper Trays 3 and 4.
4. Select the **Paper Type Switch**.



Note

The default setting is **Off**.

- The Paper Type Switches correspond with the media buttons/switches on the paper trays:



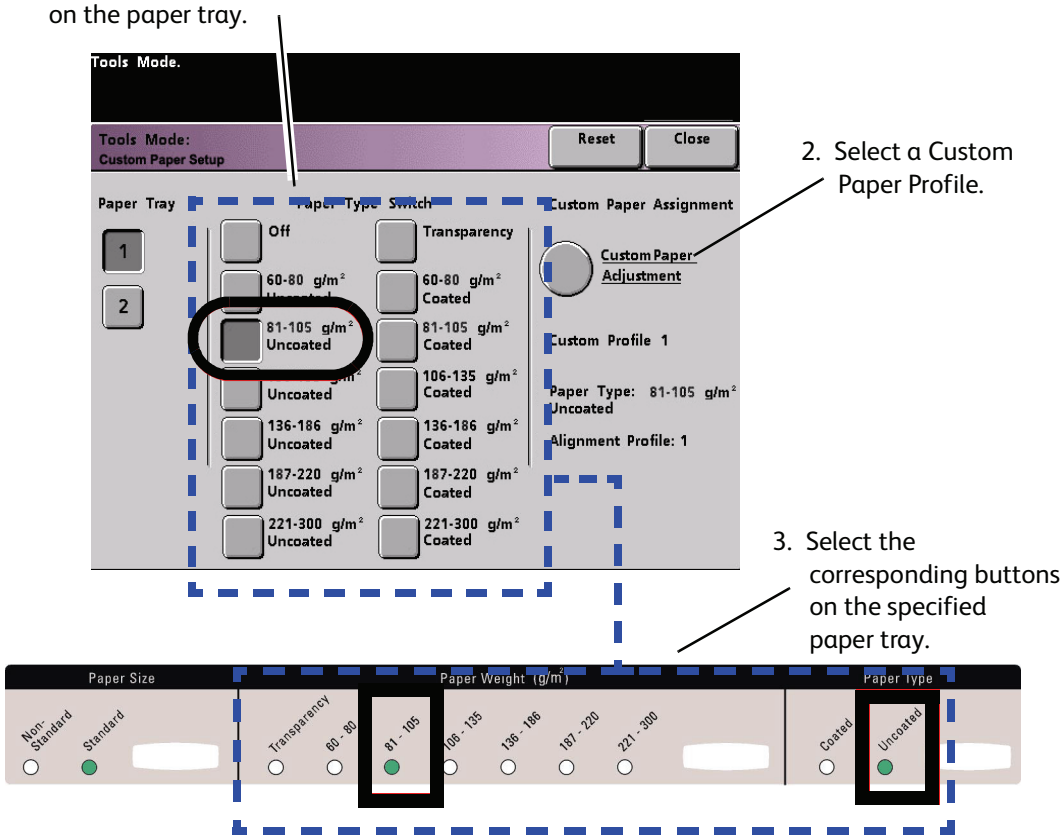
- Selecting a Paper Type Switch informs the digital press that custom paper is loaded in the tray and to use the corresponding Custom Paper Profile when those buttons/switches are selected on the specified paper tray.

Refer to the following example:

Note

This is an example only. Do **not** perform these steps at this time.

1. The Paper Type Switch corresponds with the selections on the paper tray.



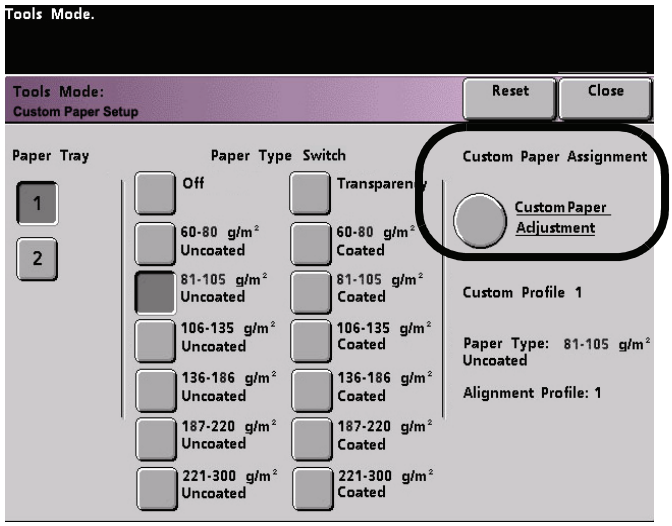
4. The digital press will use the assigned Custom Paper Profile when running the print job.

Note

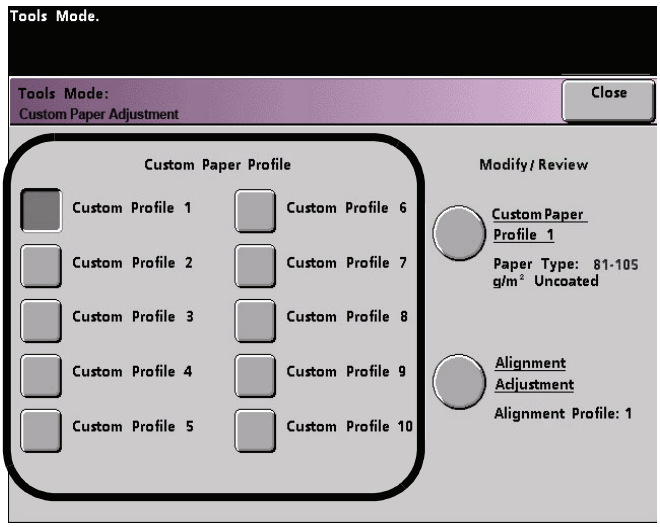
The Paper Type Switch does not have to match the actual type of paper you are loading in the tray. When creating a Custom Paper Profile, select a Paper Type that is rarely or never used as your Paper Type Switch. This ensures that when running commonly used paper types, the digital press does not load a Custom Paper Profile for those types.

Select Custom Paper Adjustment option

5. Select **Custom Paper Adjustment**.



The **Custom Paper Adjustment** window opens.



Select a Custom Paper Profile option

6. Select a **Custom Paper Profile** button.

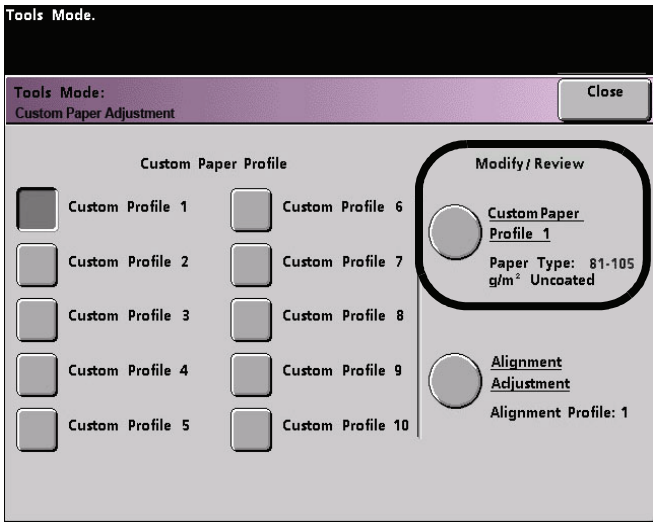
- After selecting a Custom Paper Profile button, the Custom Paper Profile and Alignment Adjustment buttons on the right are selectable.

Note

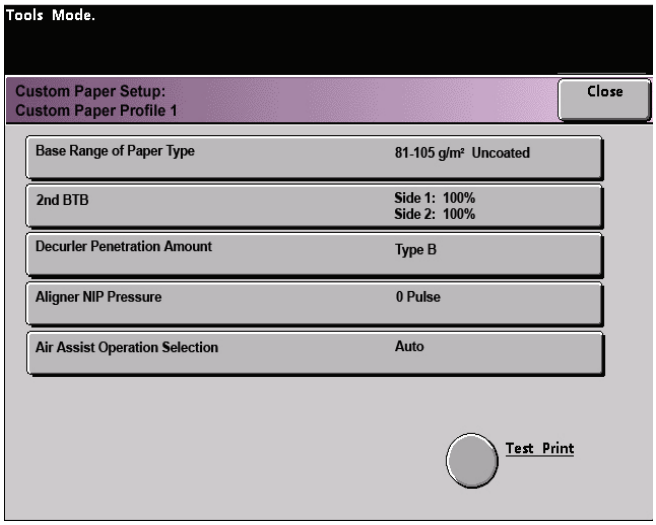
Important information about this feature includes the following:

- You can create and store up to ten different Custom Paper Profiles.
- Only one custom profile is enabled for each tray.
- If you create and store multiple profiles for a specific tray, ensure that you select the desired profile (1-10) you want to use for that tray before exiting Tools. That Custom Paper Profile is reflected on the Machine Status screen.

7. From the **Modify/Review** area, select the Custom Paper Profile button.



The **Custom Paper Profile** window opens.

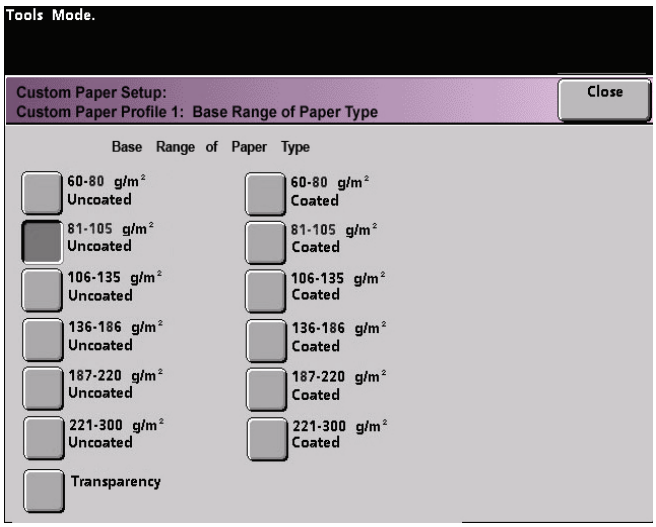


These options allow you to further “fine-tune” your custom paper profile and are explained in more detail on the following pages.

These options include:

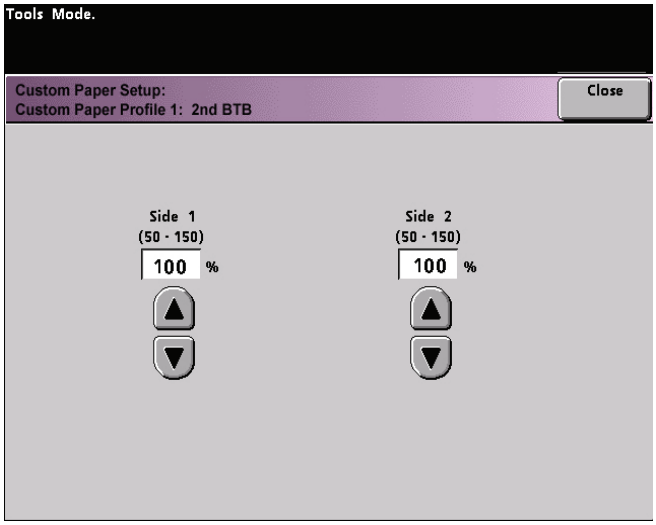
Base Range of Paper Type

- This is the **actual** type of paper you are loading in the paper tray.



2nd BTB

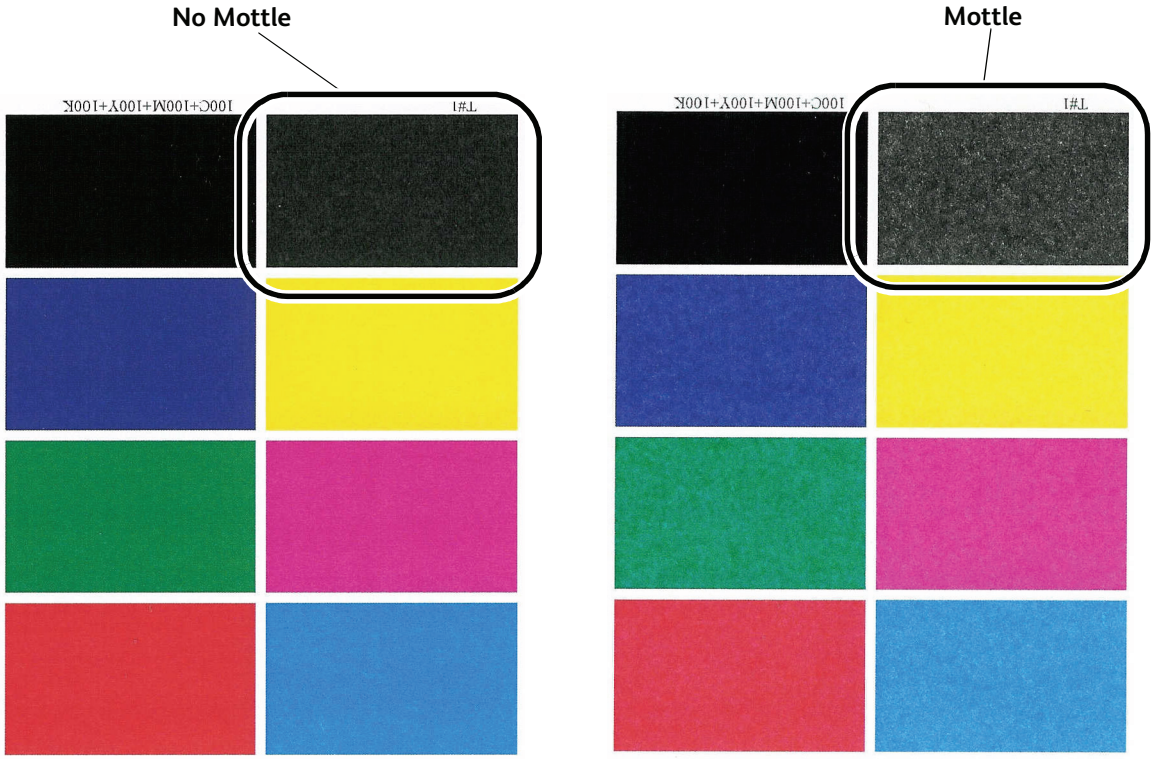
- The Second Bias Transfer Belt is a feature that is normally used with heavier weight paper (220 g/m^2 and greater, 10 pt, 12 pt).



  - The default settings for **2nd BTB Side 1** and **Side 2** are both **100%**.
  - Adjust Side 1 for all simplex jobs. If defects remain in a printed job, perform the following steps to determine if Side 1 or Side 2 adjustments are appropriate.
    - If the job is face down or 1-N, use Side 1 for defects on the topside of the stacked sheets, and use Side 2 for the downside.
    - If the job is face up or N-1, use Side 2 for defects on the topside of the stacked sheets, and use Side 1 for the downside.

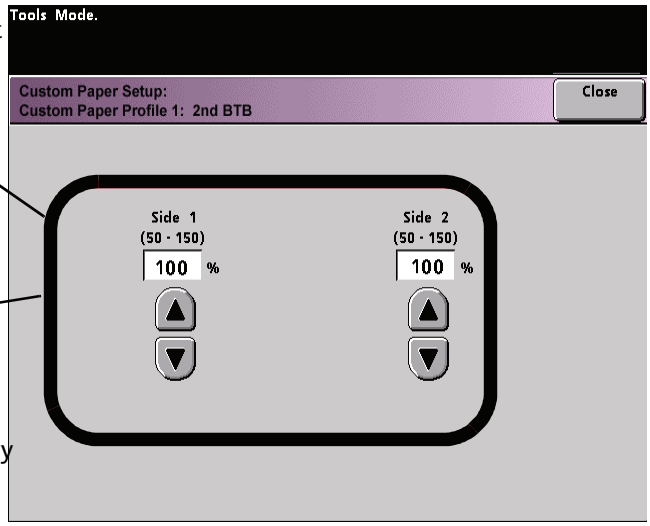
Use This feature when your:

a. Prints may have mottle, which is uneven spotty toner coverage that occurs when printing large, solid areas of flat color (refer to the below illustration)

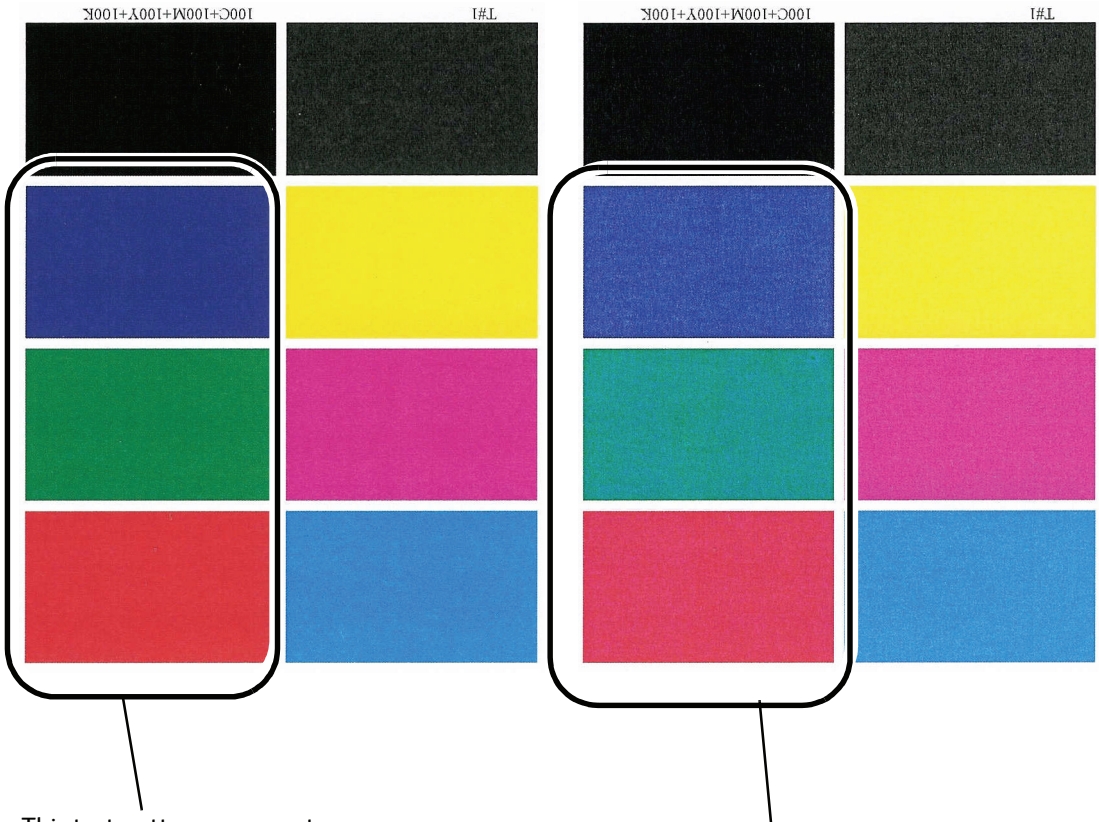


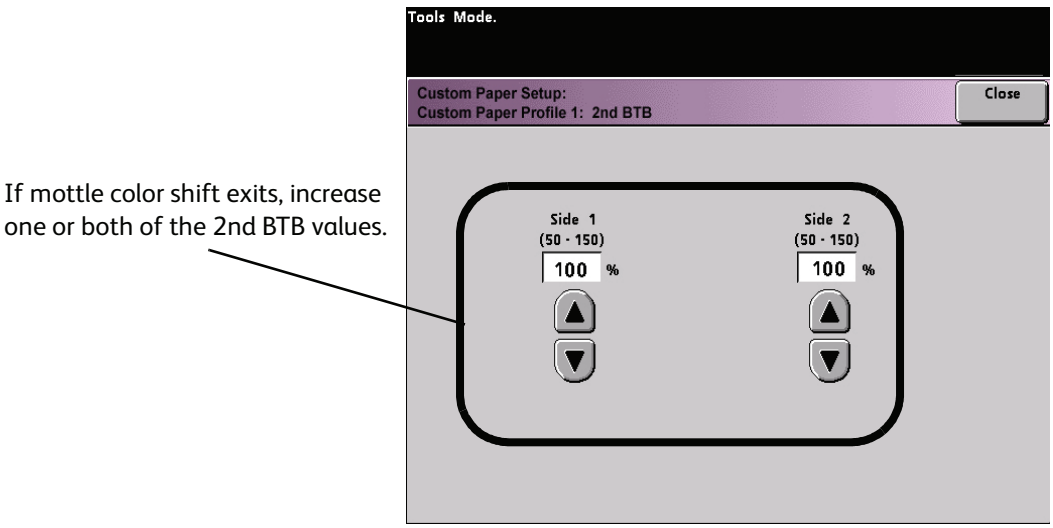
If mottle exists and it is heavy weight paper, **increase** one or both of the 2nd BTB values.

If mottle exists and it is light weight paper, **increase** one or both of the 2nd BTB values. Evaluate the image quality. If the image quality is equal to or worse than the 100 % default setting, decrease one or both of the 2nd BTB values until a satisfactory image quality is obtained.



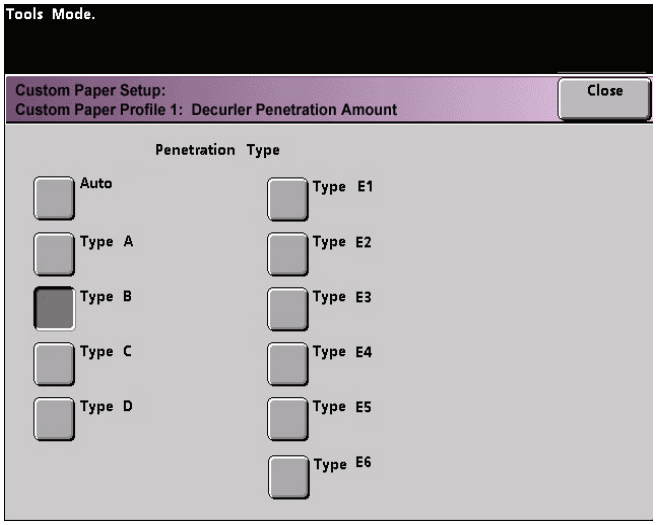
b. Prints have a color shift where the colors are much different than what you desire (refer to the below illustration).





Decurler Penetration Amount

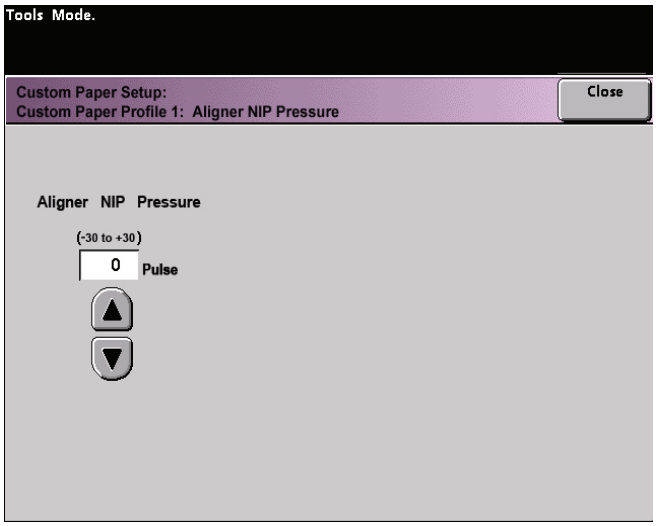
- Use this feature to compensate for paper curl in your output prints. This is the same as the Decurler Setup feature.



For specific Decurler information, refer to the Decurler Setup and Decurler E Table Settings section earlier in this chapter.

Aligner NIP Pressure

- Use this feature with paper types that slip and skew or have damaged edges.



Examples:

- Some coated paper types slip and skew, thereby having the image misregistered on the output prints. In this case, you may want to increase the NIP pressure in order to compensate for the slippage and skewing.

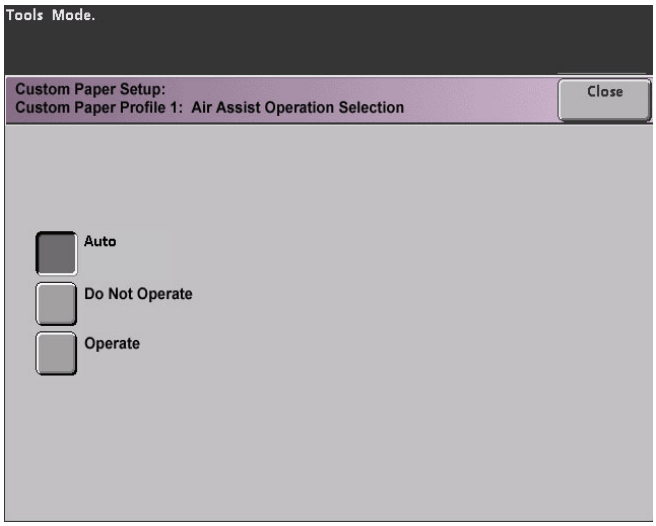
- Some light-weight papers may have too much NIP pressure applied to them, thereby causing edge damage to the output prints. In this case, you may to decrease the NIP pressure.
- If you are experiencing numerous 8-154 faults, increase the NIP pressure and continue to run the digital press.

Note

Increasing the NIP pressure for numerous 8-154 faults, allows you to postpone a service call. However, call your service representative as soon as possible in order to restore the digital press to its full feeding capabilities.

Air Assist Operation Selection

- Use this feature to switch on or switch off the fans in a paper tray in order to eliminate misfeeds, paper jams, or other possible tray feeding problems. You can also select Auto if you want the digital press to decide whether or not to switch on or off the fans for a paper tray.



Note

The default setting is Auto.

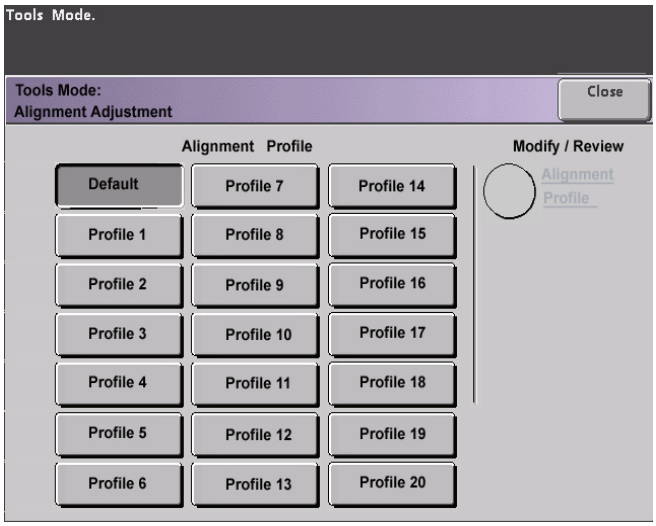
Examples:

- If the digital press is producing multifeeds, try setting this option to **Operate** (**On**) instead of Auto.
- If your output contains two sheets that are stuck together, try setting this option to **Operate** (On).
- If misfeeds are occurring (the paper is not leaving the tray) and the environment is too dry, try setting this option to **Do Not Operate** (**Off**) instead of Auto.

8. Make the desired selections from the Custom Paper Profile selections. Select **Close** to save the changes and close the window.

Select an Alignment Adjustment Profile (if necessary)

9. If necessary, you can select or create an Alignment Adjustment Profile for this Custom Paper Profile.

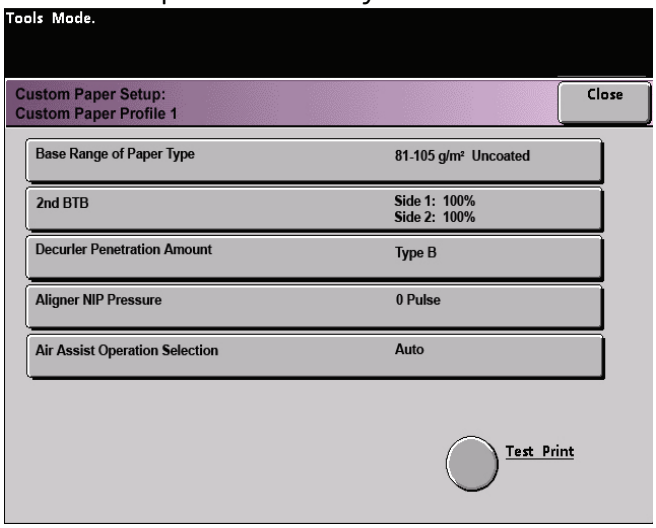


Note

For information on the Alignment Adjustment feature refer to the section later in this chapter entitled Alignment Adjustment.

Load paper tray and run a Test Print

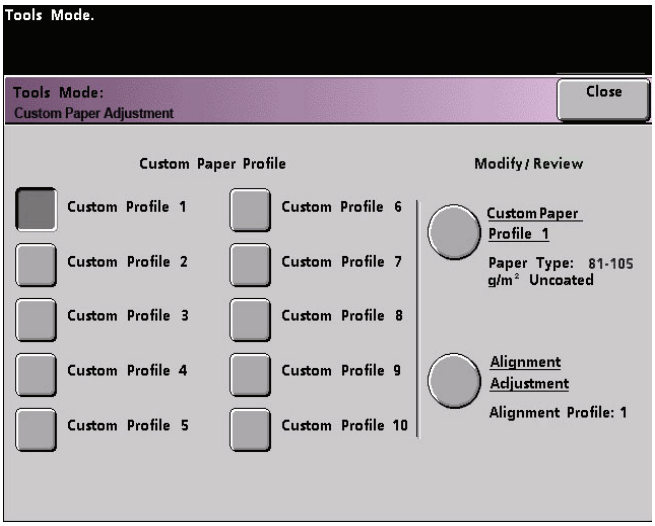
10. Load your custom paper in the same paper tray as the one you selected for this Custom Paper Profile. Ensure that you set the tray buttons to reflect the same information as your Paper Type Switch settings.
11. After you select all the desired settings for this Custom Paper Profile, run a **Test Print** to ensure that the output is satisfactory.



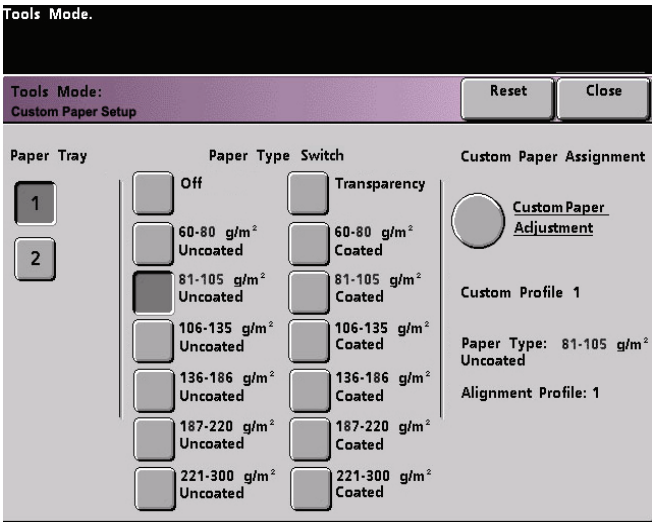
12. If the output is not satisfactory, repeat the steps in this procedure again to readjust the parameters for this Custom Paper Profile.
    - Run another Test Print to ensure that your output is satisfactory.

- Continue to perform these steps until your output is satisfactory.

13. Once your output is satisfactory, select the **Close** button.
    This returns you to the Custom Paper Adjustment screen:

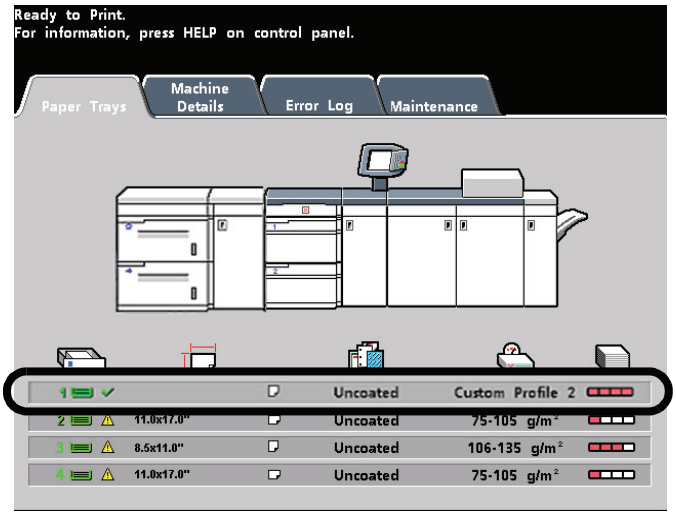


14. Select the Close button to return to the Custom Paper Setup screen:



15. Select the Close button to save and close these settings for this Custom Paper Profile.
    If you do not want to save this profile, select the Reset button to discard all the selections for this profile and reset them to the machine defaults.

16. Close out of Tools Mode and return to the Machine Status screen. The Machine Status screen now displays your new Custom Paper Profile:



17. To switch off the Custom Paper Profile without going into or deleting it in Tools Mode, simply open the paper tray and select different paper type information (weight, coating, etc.) by changing the tray buttons/switches.

    You can return to this saved Custom Paper Profile any time by changing the tray buttons/switches to reflect the desired profile.

4 Alignment Adjustment Profile

Overview

When printing duplex jobs and using different media types (including paper type, weight, and coating/uncoating), the output may require specific handling by the digital press as it is moving through the paper path. With certain media types and duplex jobs, the images on Side 1 and/or Side 2 may be misregistered, skewed, perpendicularly misaligned, or stretched.

As with the Custom Paper Setup feature, Alignment Adjustment feature allows you to create and store a maximum of twenty different Alignment Adjustment Profiles. These profiles allow you to accommodate different media types and how the image is registered, aligned, or magnified for Side 1 and Side 2 output. These profiles may be used at point of need in order to ensure optimum output quality of your print.

Note

You can create Alignment Profiles without associating them to a specific Custom Paper Profile. The reverse is also true: You can create an Alignment Profile and associate it to a specific Custom Paper Profile. For example, Custom Paper Profile 2 may be affiliated with Alignment Profile 2, so that when Custom Paper Profile 2 is in use, so is Alignment Profile 2.

When creating Alignment Profiles for Side 1 and/or Side 2 prints, be aware of the following:

- Side 1/Side 2 images may be misregistered because the paper is not the exact same size. It may vary slightly, with differences of plus or minus 1mm, causing the image to be misregistered. To reduce the possibility of size differences, it is recommended that you use paper from the same lot when running duplex jobs.
- During the fusing process, the heat and pressure applied to the paper causes the paper to stretch. If the images on Sides 1 and 2 are the same size, the stretching of the paper may cause the image on Side 1 to be slightly larger than the image on Side 2.

- Creating an Alignment Profile for these types of jobs allows you to reduce or eliminate the images being larger on Side1 than on Side 2 prints.

  Notes

  - Remember: Your Alignment Profile may or may not be affiliated with a Custom Paper Profile.
  - Once an Alignment Profile is set and in use, your print server will not reflect that profile in the print options for print jobs.
  - After an Alignment Profile is set, it remains active until you reenter Tools Mode and switch it off. If an active Alignment Profile is not associated with a Custom Paper Profile, it is used for each paper tray to which it is assigned.

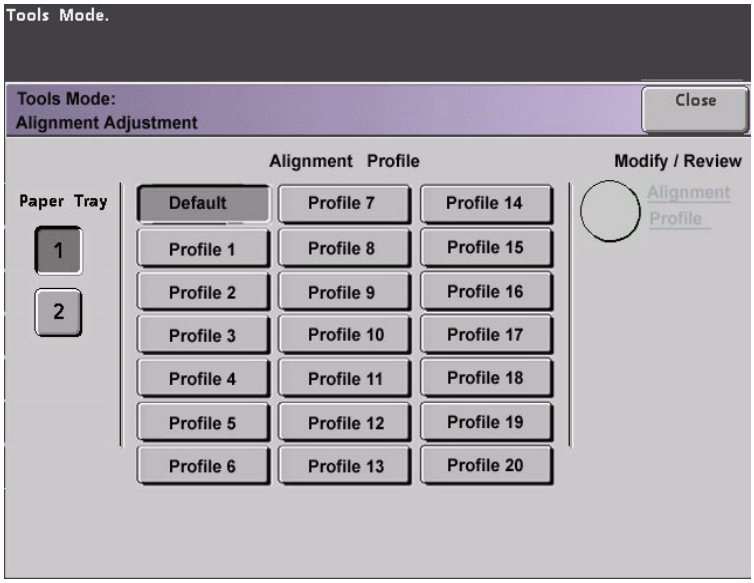
Create/Modify an Alignment Adjustment Profile

Use the following procedure to create/modify an Alignment Profile for adjusting Side 1/Side 2 image output.

Notes

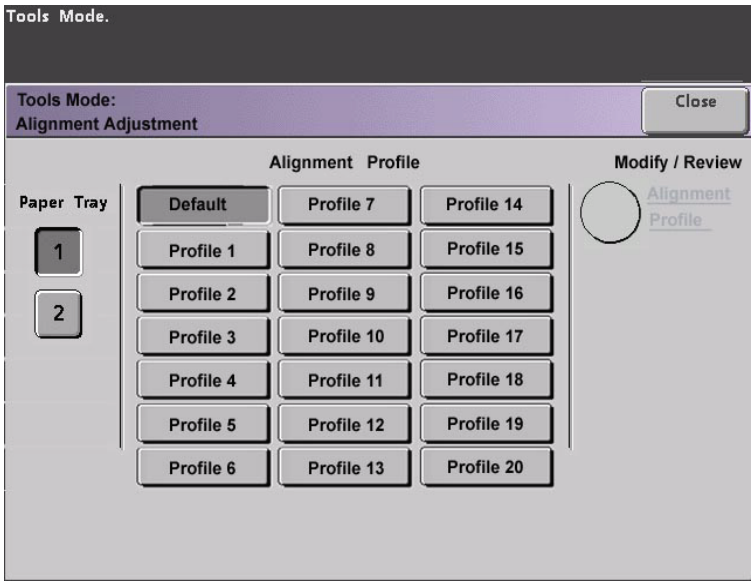
- Before creating or modifying Alignment Profiles, copy and use the chart at the back of this book to record your Alignment Profile settings. This will ensure that you select the correct profile for a custom job.
- If you require a Custom Paper Profile associated with this Alignment Profile, you can set the Custom Paper Profile information either now or after you create the Alignment Profile.

1. Access Tools Mode and touch the **Alignment Adjustment** button on the *Machine Defaults 2* screen; the following window opens.



Select a paper tray and a profile number

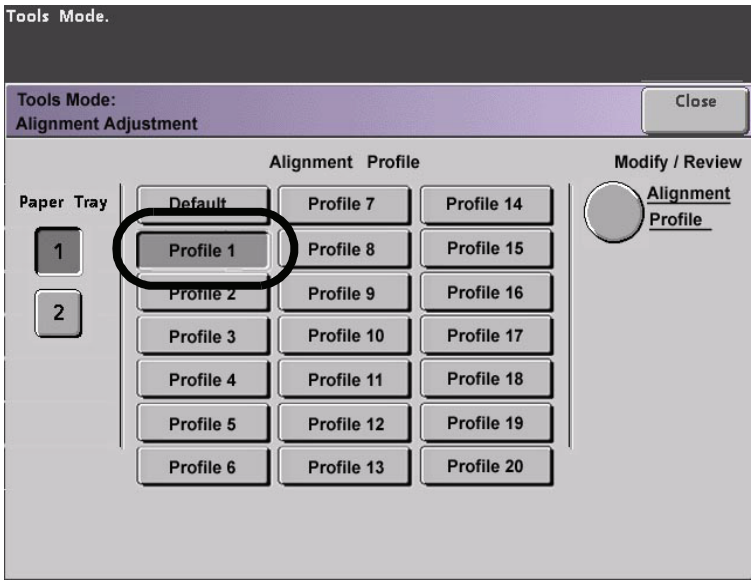
2. Select a **Paper Tray**.



Notes

- If you are creating an Alignment Profile in affiliation with a Custom Paper Profile and have arrived here from the Custom Paper Setup procedure, then this screen will not reflect any Paper Tray information. The Paper Tray information was selected earlier in your associated Custom Paper Profile.
- If you have an optional SFM attached to your digital press, this screen will reflect the additional Paper Trays 3 and 4.

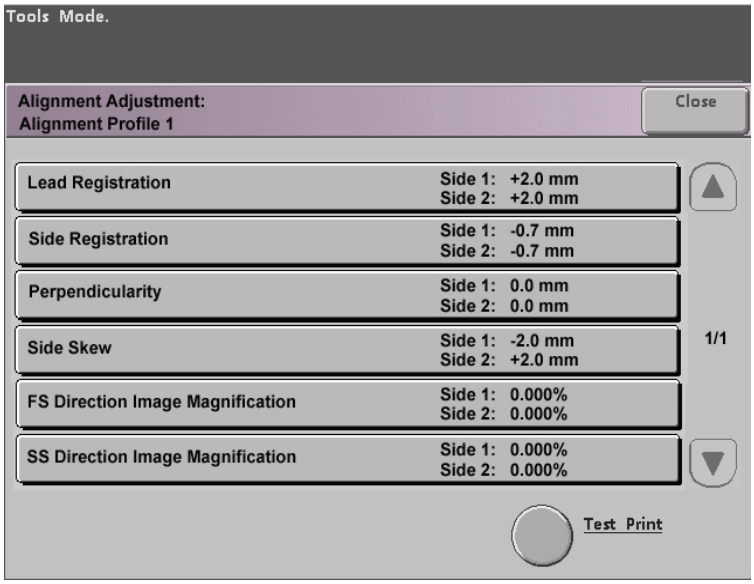
3. Select a Profile number from 1-20 by touching the desired button.



The **Modify/Review** button is now selectable, as shown above.

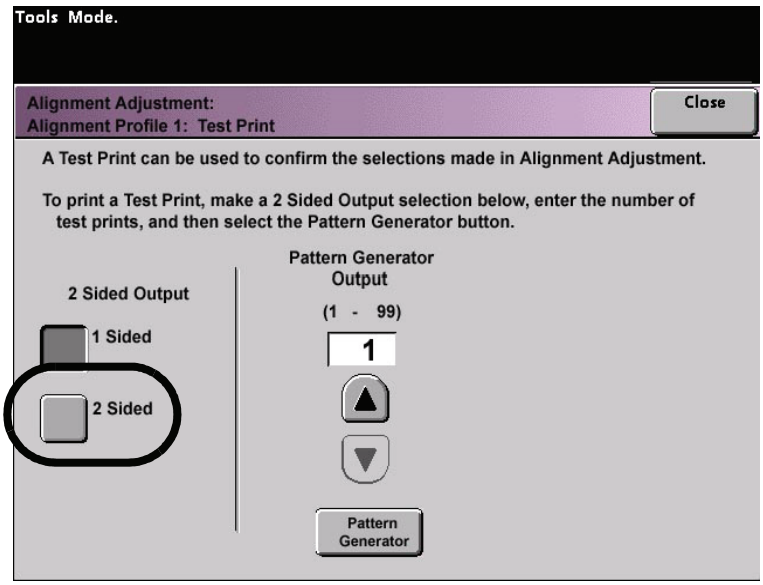
Select an Alignment Profile button

4. Touch one of the **Alignment Profile** buttons; the Alignment Profile window opens.



Run a Test Print

5. Touch the **Test Print** button; a new window opens.



a. Touch the **2 Sided** button.

Note

If you want to check the registration for 1 Sided prints only, touch the 1 Sided button.

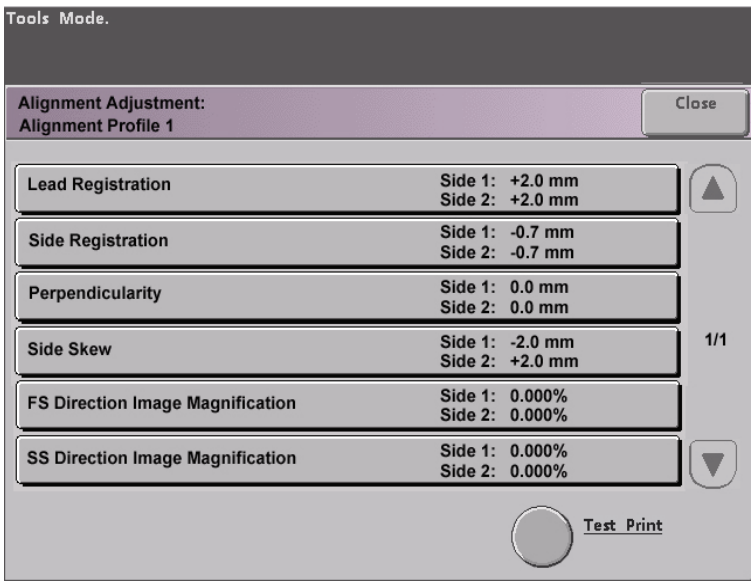
b. Select **10** test prints by touching the **Up** arrow button to change the number of test prints generated.

c. Touch the **Pattern Generator** button.
d. Retrieve your output test prints from the digital press.
e. Discard the first few prints, as inconsistency tends to be greater with these images.

6. Evaluate the test prints by holding your 2 Sided output at eye level near a light source. This will allow you to see the registration marks for both Side 1 and Side 2 of the output.
   a. If you determine that the registration between Side 1 and Side 2 is significant and needs adjusting, proceed to the **Step 7**.
   b. If the registration between Side 1 and Side 2 is okay, stop now:
      - Touch the Close button to return to the Alignment Profile window.
      - Ensure that the Default button is selected and touch the Close button.
      - Exit Tools Mode.

Select an Alignment Adjustment feature

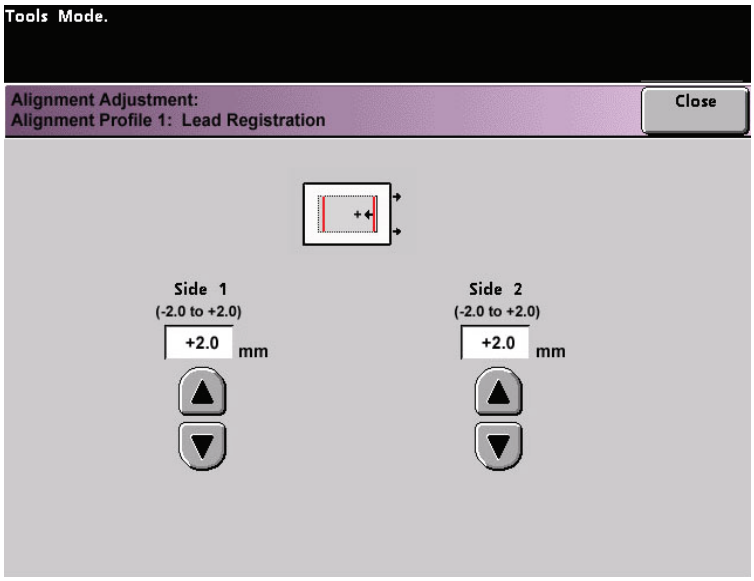
7. Select the desired Alignment feature that you want to adjust.



Each of the above Alignment features is discussed on the following pages.

Lead Registration

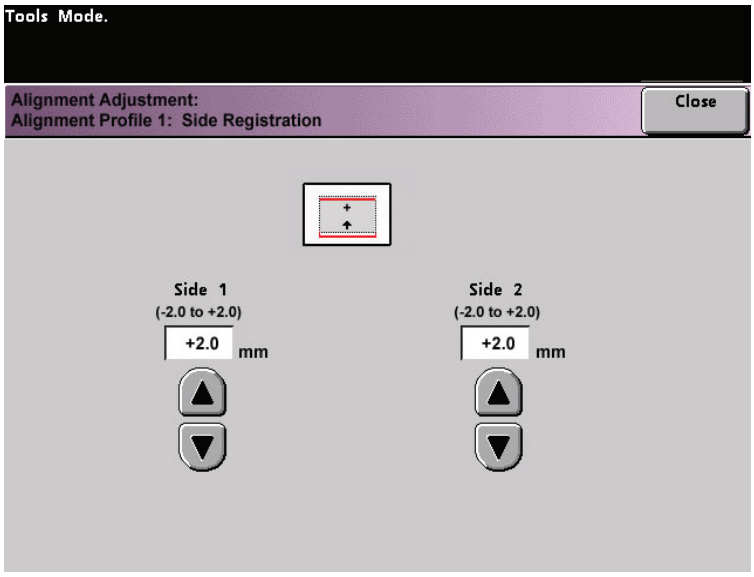
- Use this feature to adjust the lead edge of the image for Side 1 and/or Side 2 registration.



- The factory default setting is zero (0).
- The arrows on the right side of the illustration show the paper feed direction.
- The **+** sign, the left-pointing arrow, and the red lines shows the direction the image will move on the paper when the value is increased.
- If you select a negative value (for example, -1.0 mm), the image on the paper moves toward the right.

Side Registration

- Use this feature to adjust the side edge of the image for Side 1 and/or Side 2 registration.

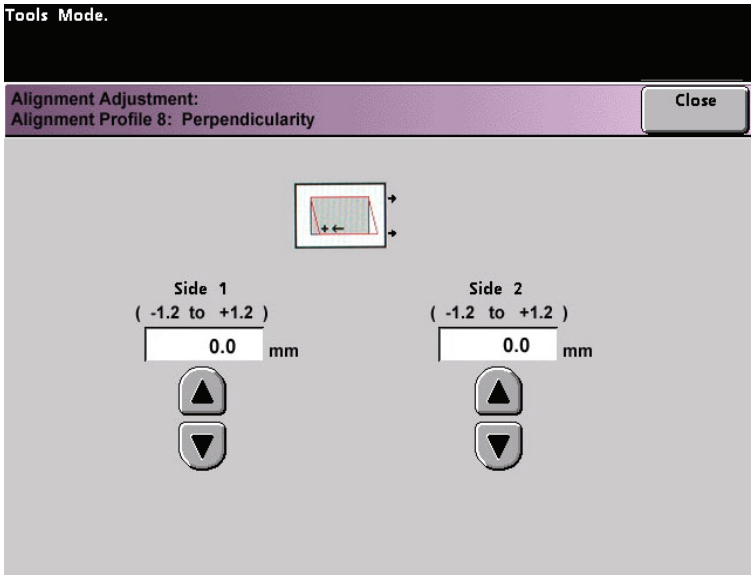


- The factory default setting is zero (0).

- The **+** sign, the up arrow, and the red lines shows the direction the image will move on the paper when the value is increased.
- If you select a negative value (for example, -1.0 mm), the image on the paper moves downward.

Perpendicularity

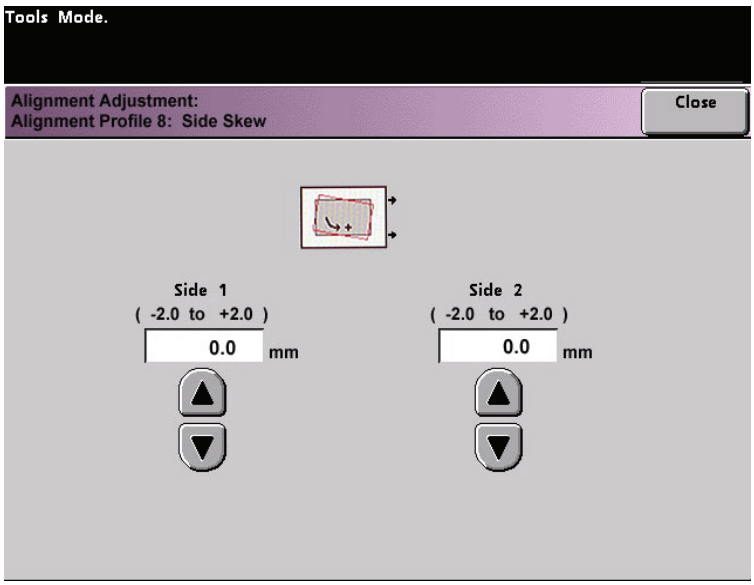
- Use this feature to adjust the image digitally on the drum so that it will align with the paper for both Side 1 and Side 2.



- The factory default setting is zero (0).
- The arrows on the right side of the illustration show the paper feed direction.
- The **+** sign, the left-pointing arrow, and the red lines shows the direction the image will move on the paper when the value is increased.
- If you select a negative value (for example, -1.0 mm), the image on the paper moves toward the right.

Side Skew

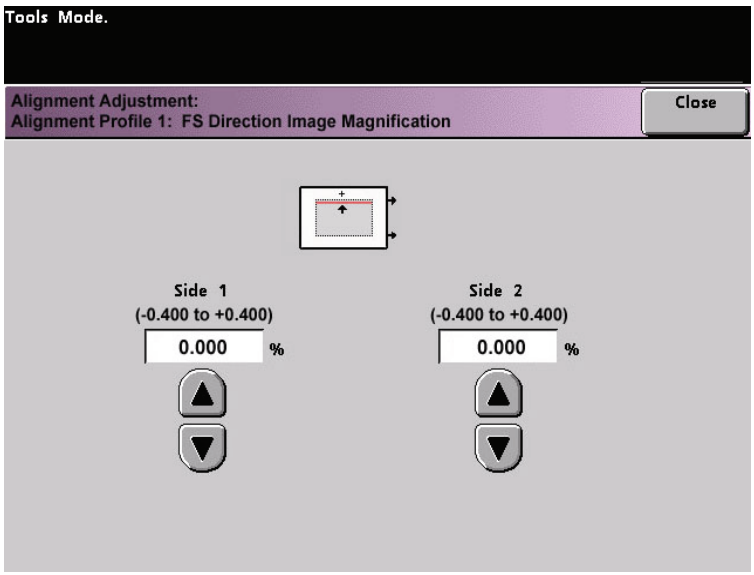
- Use this feature to adjust the paper so that the image for Side 1 and/or Side 2 are not skewed but aligned with each other.



- The factory default setting is zero (0).
- The arrows on the right side of the illustration show the paper feed direction.
- The **+** sign, the right-curved arrow, and the red lines shows the direction the image will move on the paper when the value is increased.
- If you select a negative value (for example, -1.0 mm), the image on the paper moves toward the left.

FS Direction Image Magnification

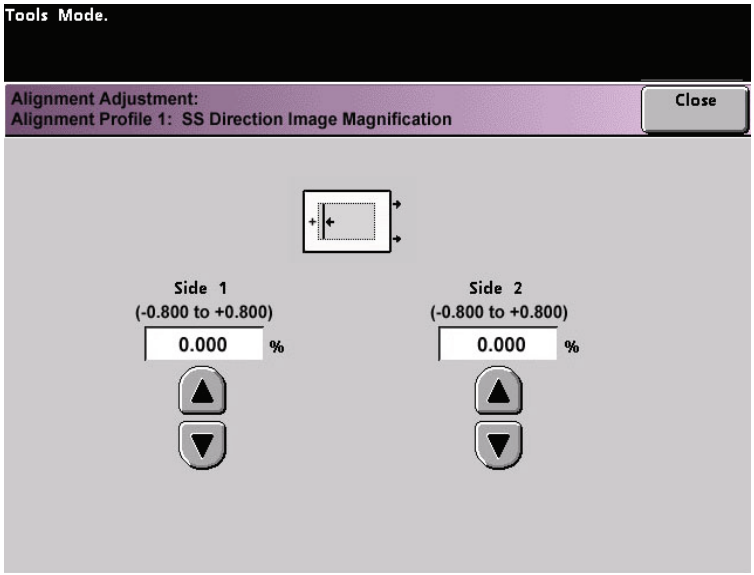
- Use this feature to correct for image stretch from Side 1 to Side 2. The image may be enlarged or reduced as necessary.



- **FS** stands for Fast Scan and it enlarges or reduces the image in the direction shown in the illustration above.
- The factory default setting is zero (0).
- The arrows on the right side of the illustration show the paper feed direction.
- The **+** sign, the up arrow, and the red line shows the direction the image will move on the paper when the value is increased.
- If you select a negative value (for example, -1.0 mm), the image on the paper moves down.

SS Direction Image Magnification

- Use this feature to correct for image stretch from Side 1 to Side 2. The image may be enlarged or reduced as necessary.



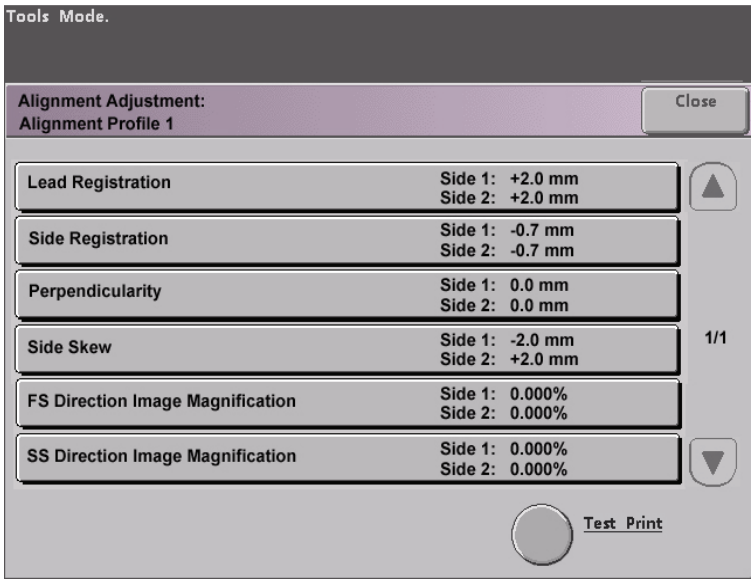
- **SS** stands for Slow Scan and it enlarges or reduces the image in the direction shown in the illustration above.
- The factory default setting is zero (0).
- The arrows on the right side of the illustration show the paper feed direction.
- The **+** sign, the left-pointing arrow, and the single, black line shows the direction the image will move on the paper when the value is increased.
- If you select a negative value (for example, -1.0 mm), the image on the paper moves toward the right.

8. Make the desired adjustments for one the Alignment Profile features (Lead Registration, Side Registration, etc.).

   Note

   It is recommended that you choose only one Alignment Profile feature until you run another set of Test Prints and evaluate the registration on that output. If you want multiple Alignment Profile features selected, individually select each feature, run Test Prints for that feature, and evaluate the output. After you determine that the output for the selected feature is acceptable, then you can select another Alignment Profile feature to adjust.

Touch the **Close** button on the appropriate screen to save the settings and return to the Alignment Profile window.



Run more Test Prints

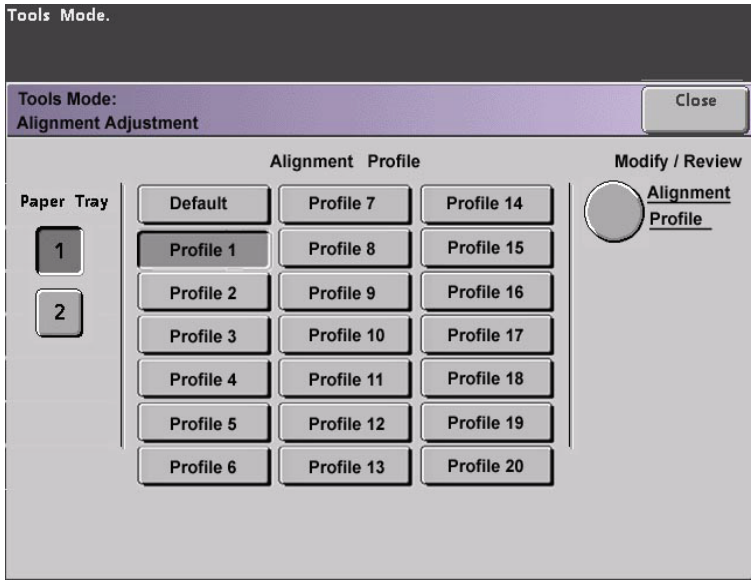
9. Select **Test Print** to ensure that the output is satisfactory.
   a. Touch the **2 Sided** button.

   Note

   If you want to check the registration for 1 Sided prints only, touch the 1 Sided button.

   b. Select **10** test prints by touching the **Up** arrow button to change the number of test prints generated.
   c. Touch the **Pattern Generator** button.
   d. Retrieve your output test prints from the digital press.
   e. Discard the first few prints, as inconsistency tends to be greater with these images.
10. Evaluate the test prints by holding your 2 Sided output at eye level near a light source. This will allow you to see the registration marks for both Side 1 and Side 2 of the output.
    a. If you determine that the registration between Side 1 and Side 2 is significant and needs adjusting, repeat Steps **7**-**9** until you achieve satisfactory output. Proceed to the **Step 11**.
    b. If the registration between Side 1 and Side 2 is okay, stop now and proceed to the next step.

11. Once your output is satisfactory, select **Close** to save these settings and return to the Alignment Adjustment window.



12. Select **Close** to save all the settings for this Alignment Profile and return to the *Machine Defaults 2* screen.
13. Close out of Tools Mode.

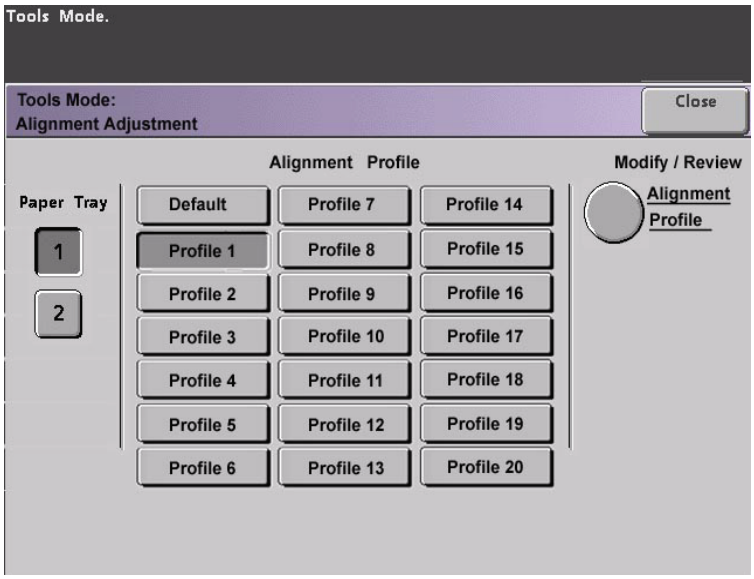
Note

The Alignment Profile you just created/modified is now in affect for the specific Paper Tray that you selected in the procedure. This Alignment Profile remains in affect until you reenter Tools Mode and deactivate it. To deactivate an Alignment Profile, continue to the next page.

Deactivating an Alignment Adjustment Profile

To switch off or deactivate an Alignment Profile, perform the following steps:

1. Reenter **Tools Mode**.
2. Select **Alignment Adjustment** from the *Machine Default 2* screen.
3. Refer to your Alignment Adjustment Profile Chart where you recorded the selections made for the profile you want to switch off/deactivate.
4. Select the Paper Tray for the profile you want to switch off/deactivate.



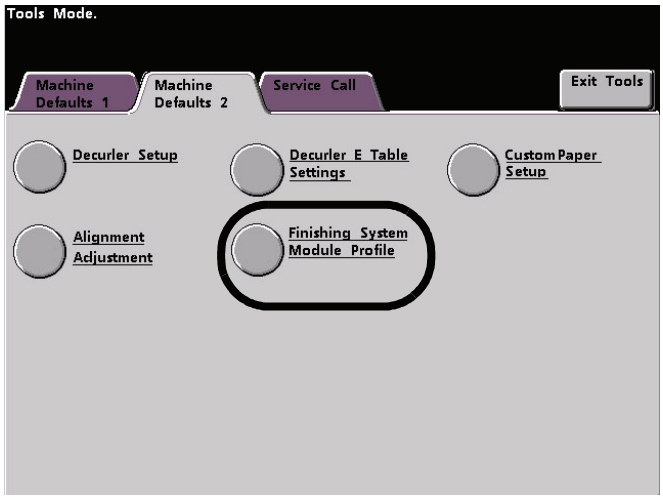
   The Profile number button selected for this Alignment Profile will be selected. For example, the above illustration shows that Tray 1 is assigned Alignment Profile 1.

5. Touch the **Default** button. This switches off the Alignment Adjustment Profile.
   - Select **Close** to return to the Machine Defaults 2 screen.
6. Exit the Tools Mode by touching the **Close** button.

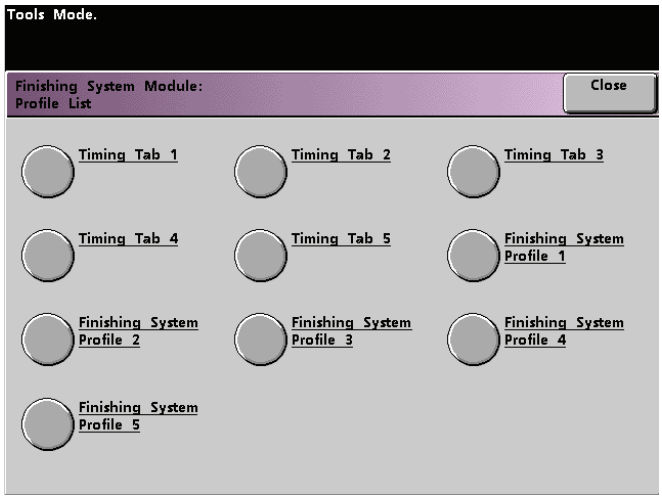
5 Finishing System Module Profile

Finishing System Module Profile (DFA device)

If your digital press has a third-party, Digital Finishing Architecture (DFA) device, connected, enabled, and powered on, the option entitled "**Finishing System Module Profile**" is displayed on the Machine Defaults 2 tab.



Touch the Finishing System Module Profile button to display the Profile List.



To view the settings for a Timing Tab or a Finishing System Profile, touch that button. The settings for a DFA device can only be viewed on the digital press Touch Screen. The settings are enabled on the print server connected to your digital press.

Auditron

6

Note

Some features or options described in this chapter may not display or be selectable depending on the configuration of your machine.

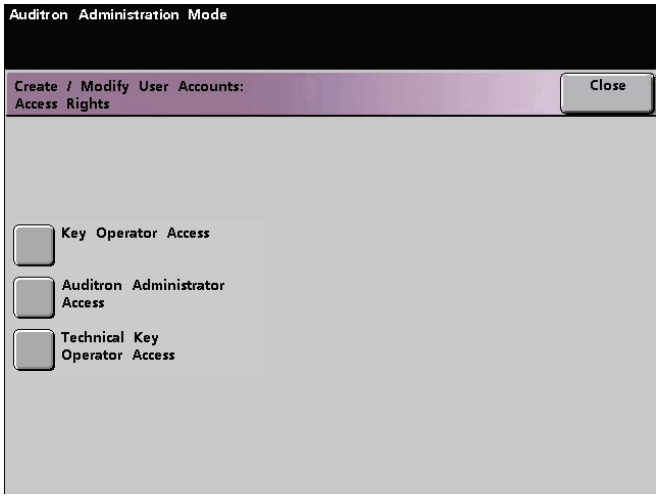
Overview

The Auditron Mode enables you to:

- Change the Tools Mode password
- Establish a separate password for access to the Auditron Mode
- View the number of prints sent through the print server.

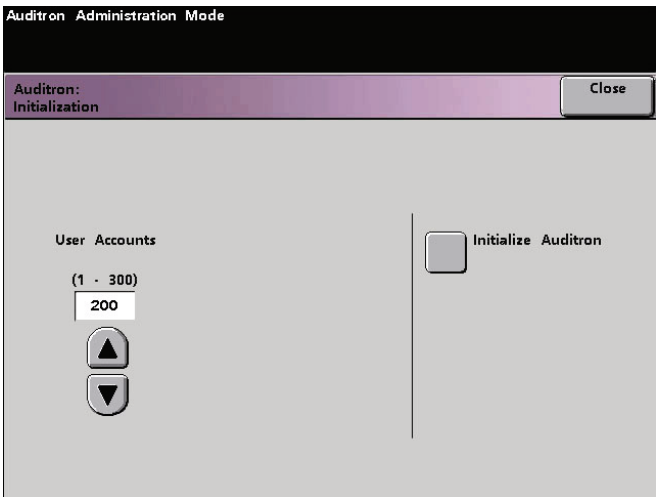
Use the following procedure to access the Auditron Administration screens.

1. Press the **Access** button on the Control Panel.
2. Use the Control Panel keypad to enter the Tools Mode five-digit password, and then touch the **Enter** button on the Touch Screen.
3. Touch the **Auditron Administration Pathway** button on the screen. The *Auditron Administration* screen appears.



Initialization

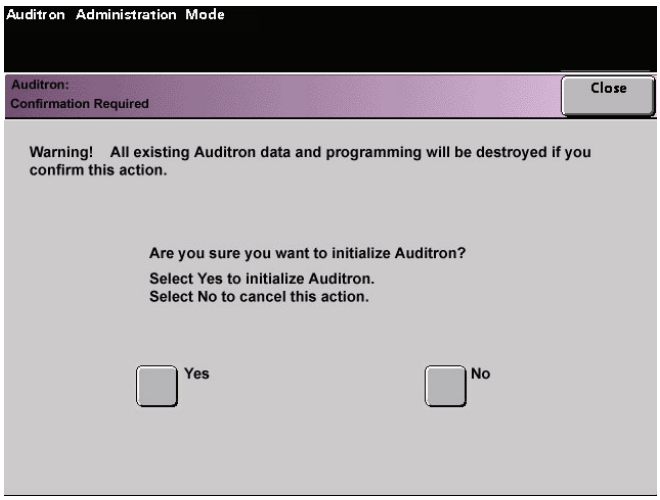
User Accounts are individual accounts that can be set up with print limits, color limits, a password, and copy volume limits. The *Initialization* screen allows you to reset information in User Accounts.



The Initialization screen allows you to:

- Select a total number of User Accounts; the maximum is 300,
- Change the number of User Accounts, or
- Reset all the User Account information and passwords.

Whenever you perform one of the above options, a confirmation screen asks if you are sure you want to initialize the Auditron:



Responding with a “Yes” deletes all the established accounts, and returns the Tools Mode password to the factory default of five ones (11111).

Whether you initially setting up the Auditron, changing the total number of user accounts, or resetting the Auditron, a message appears at the top of the screen when you touch the **Close** button. This message informs you that you must Initialize the Auditron after performing one of the aforementioned functions. Touch the **Initialize Auditron** button and select "Yes" to complete the task.

Create/Modify User Accounts

The Create/Modify User Accounts screen enables you to create user accounts, passwords, or review existing account privileges. You are also able to change the default password for entering the Tools Pathway and to create a new password for the Auditron Mode, if so desired.

Account 1 is reserved for the System Administrator by factory default. This account is set up with access to both Tools and Auditron. The default password is set to 11111 and can be changed by the System Administrator.

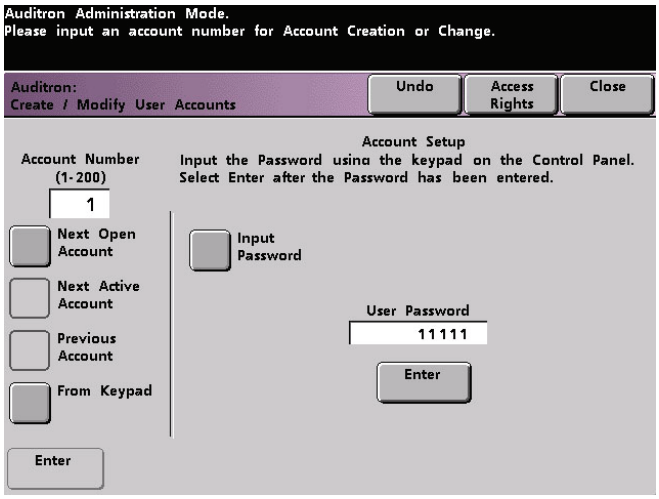
Creating a User Account

Use the following procedure to create a User Account.

Note

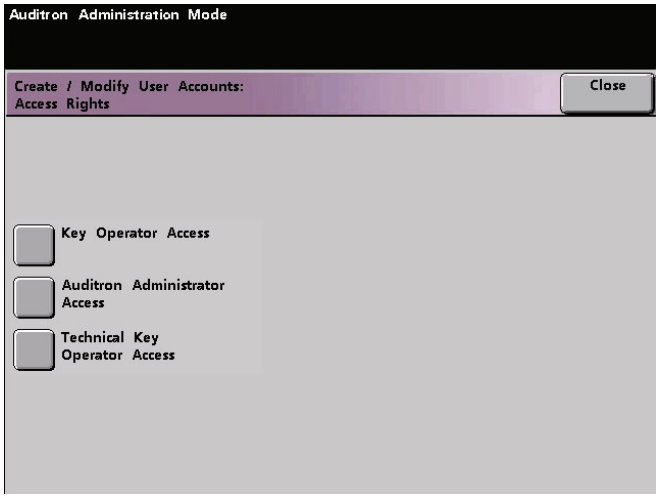
To undo the last change that you made, touch the **Undo** button at the top of the screen. The last setting that you changed is returned to its previous value.

1. Touch the Create/Modify User Accounts button on the Auditron Administration screen. The Create/Modify User Accounts screen appears.



2. Select the next open account by doing one of the following:
   a. Touch the From Keypad button.
   b. Use the Control Panel keypad to enter the account number for this User Account.
   c. Touch the Enter button on the bottom left side of the screen to save your entry; or
   d. Simply touch the Next Open Account button.

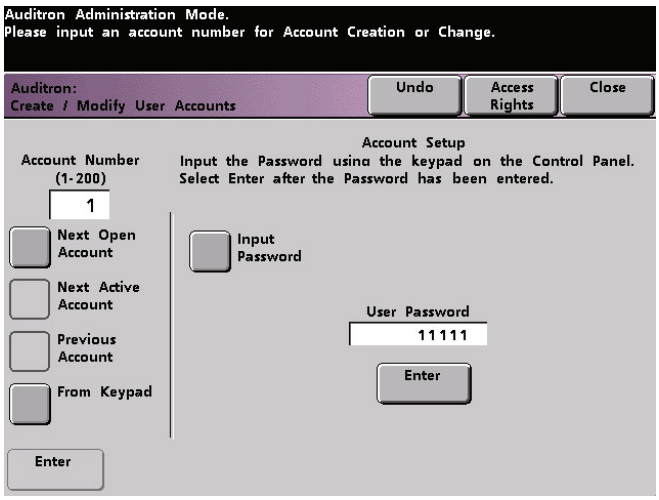
3. Set the level of access for the individual using the account by touching the Access Rights button.



4. Touch one of the following buttons:
   - Key Operator Access
   - Auditron Administrator
   - Technical Key Operator Access

   Note

   The optional Technical Key Operator feature may or may not be activated with your configuration.
5. Touch the Close button to return to the Create/Modify User Accounts screen.



6. Touch the Input Password button.
   a. Use the Control Panel keypad to enter the unique five-digit password for this account.
   b. Touch the Enter button in the center of the screen. The password you enter is displayed in the *User Password* field.
7. Touch the Enter button in the center of the screen to enter your settings into the system.
8. Touch the Close button to return to the Auditron Administration screen.
9. Exit the Auditron Mode to activate the new settings for this User Account.

Modifying a User Account

Use the following procedure to modify a User Account.

Note

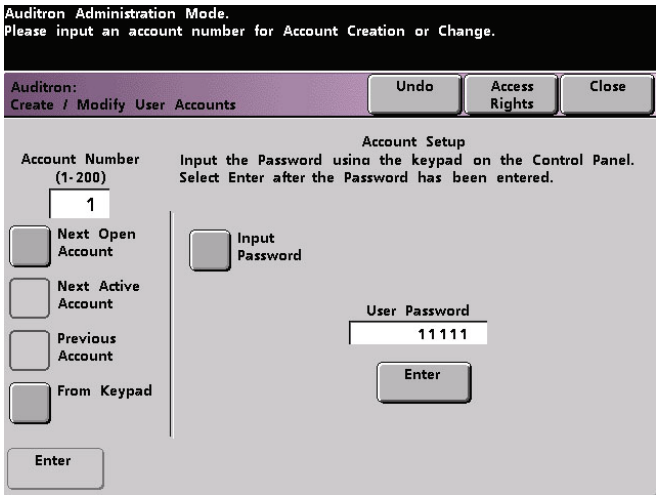
To undo the last change that you made, touch the **Undo** button at the top of the screen. The last setting that you changed will be returned to its previous value.

1. Touch the Create/Modify User Accounts button on the Auditron Administration screen. The Create/Modify User Accounts screen appears.
2. Review Steps 2-9 in **Creating a User Account** on for information on how to change specific settings on this screen.
3. Touch the Next Open Account or Previous Account button to modify the settings for additional User Accounts. Touch the Next Active Account button to modify the settings for the next active User Account.
4. Touch the Close button to return to the Auditron Administration screen.
5. Exit the Auditron Mode to activate the new settings for this User Account.

Changing the Tools Mode Password

Use the following procedure to change the Access password for the Tools Mode.

1. Touch the **Create/Modify User Accounts** button on the *Auditron Administration* screen. The Create/Modify User Accounts screen appears.



Account 1 is displayed on the next screen with the default password of five 1s (11111).

2. Touch the **Input Password** button. Use the Control Panel keypad to enter a new password. The new password is displayed in the *User Password* field.
3. Touch **Enter** on the Touch Screen. The new password takes effect the next time you access the Tools Mode.

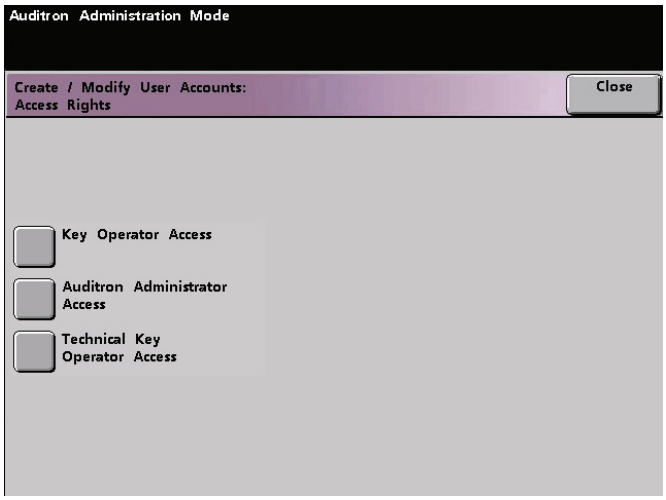
Creating a Password for the Auditron Mode

Use the following procedure to create a unique password for accessing the Auditron Mode.

1. Touch the **Create/Modify User Accounts** button on the *Auditron Administration* screen. The Create/Modify User Accounts screen appears.
2. Touch the **Next Open Account** button. The number 2 is displayed in the Account Number field.

You can use any open account number for the Auditron Pathway password by touching the **Next Active Account** button.

3. Touch the **Input Password** button. Use the Control Panel keypad to enter the unique five-digit password for this account. The password you enter is displayed in the *User Password* field.
4. Touch the **Enter** button to save your entry.
5. Touch the **Access Rights** button at the top of the screen. The *Access Rights* screen appears.

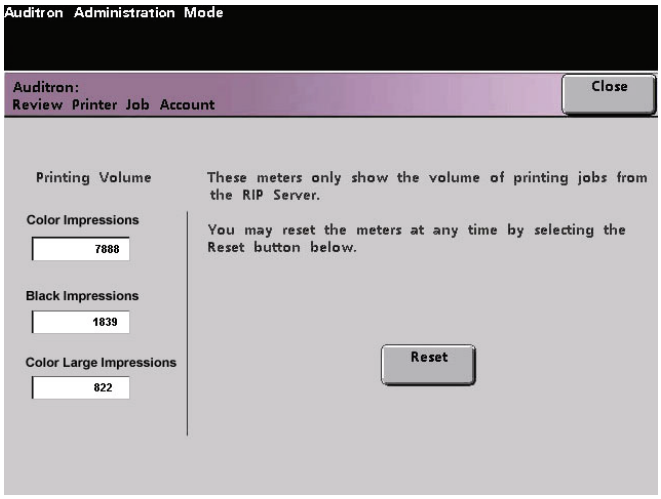


6. Touch the **Auditron Administrator Access** button.
7. Touch the **Close** button.
8. Touch the **Enter** button on the *Create/Modify User Accounts* screen.
9. Touch the **Close** button on the *Create/Modify User Accounts* screen.
10. Exit the Auditron Mode to activate the new password.

Review Printer Job Account

Use the *Review Printer Job Account* screen to determine the number of print jobs sent from the print server connected to your digital press.

The meters show volumes for the following copy types:



Depending on your digital press configuration, you may or may not have an additional printing volume meter on this screen.

To reset these meters to zero, touch the **Reset** button. A confirmation screen asks if you are sure you want to reset the meters.

> Note
>
> Resetting these meters does not reset the meters shown on the Meters screen that is accessed through the Machine Details screen on the Touch Screen.

Charts

A

E Table charts

E Table Settings Chart: Type E1

Paper Type	E Table	Decurler Type	E Table Settings					
			Lower (10 mm)	Lower (6 mm)	Lower (2 mm)	Upper (10 mm)	Upper (6 mm)	Upper (2 mm)
❑ Single Paper Weight ❑ Mixed Paper Weight	❑ Type E1 ❑ Type E2 ❑ Type E3 ❑ Type E4 ❑ Type E5 ❑ Type E6	❑ Simplex: Straight ❑ Simplex: In Reverse ❑ Duplex: Side 1 to Side 2 ❑ Duplex: Side 2 to Side 1 ❑ Duplex Decurler	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm

1. Record the original, manufacturer default settings by placing a check mark in the appropriate boxes that apply for the original E Type settings, including Paper Type, E Table, and Decurler Type.
2. Touch the E Table Settings button (from the Decurler E Table Settings window) and then enter the number for each E Type Table Setting in the E Table Settings columns above.

E Table Settings Chart: Type E2

Paper Type	E Table	Decurler Type	E Table Settings					
			Lower (10 mm)	Lower (6 mm)	Lower (2 mm)	Upper (10 mm)	Upper (6 mm)	Upper (2 mm)
❑ Single Paper Weight ❑ Mixed Paper Weight	❑ Type E1 ❑ Type E2 ❑ Type E3 ❑ Type E4 ❑ Type E5 ❑ Type E6	❑ Simplex: Straight ❑ Simplex: In Reverse ❑ Duplex: Side 1 to Side 2 ❑ Duplex: Side 2 to Side 1 ❑ Duplex Decurler	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm

1. Record the original, manufacturer default settings by placing a check mark in the appropriate boxes that apply for the original E Type settings, including Paper Type, E Table, and Decurler Type.
2. Touch the E Table Settings button (from the Decurler E Table Settings window) and then enter the number for each E Type Table Setting in the E Table Settings columns above.

E Table Settings Chart: Type E3

Paper Type	E Table	Decurler Type	E Table Settings					
			Lower (10 mm)	Lower (6 mm)	Lower (2 mm)	Upper (10 mm)	Upper (6 mm)	Upper (2 mm)
❑ Single Paper Weight ❑ Mixed Paper Weight	❑ Type E1 ❑ Type E2 ❑ Type E3 ❑ Type E4 ❑ Type E5 ❑ Type E6	❑ Simplex: Straight ❑ Simplex: In Reverse ❑ Duplex: Side 1 to Side 2 ❑ Duplex: Side 2 to Side 1 ❑ Duplex Decurler	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm

1. Record the original, manufacturer default settings by placing a check mark in the appropriate boxes that apply for the original E Type settings, including Paper Type, E Table, and Decurler Type.
2. Touch the E Table Settings button (from the Decurler E Table Settings window) and then enter the number for each E Type Table Setting in the E Table Settings columns above.

E Table Settings Chart: Type E4

Paper Type	E Table	Decurler Type	E Table Settings					
			Lower (10 mm)	Lower (6 mm)	Lower (2 mm)	Upper (10 mm)	Upper (6 mm)	Upper (2 mm)
❑ Single Paper Weight ❑ Mixed Paper Weight	❑ Type E1 ❑ Type E2 ❑ Type E3 ❑ Type E4 ❑ Type E5 ❑ Type E6	❑ Simplex: Straight ❑ Simplex: In Reverse ❑ Duplex: Side 1 to Side 2 ❑ Duplex: Side 2 to Side 1 ❑ Duplex Decurler	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm

1. Record the original, manufacturer default settings by placing a check mark in the appropriate boxes that apply for the original E Type settings, including Paper Type, E Table, and Decurler Type.
2. Touch the E Table Settings button (from the Decurler E Table Settings window) and then enter the number for each E Type Table Setting in the E Table Settings columns above.

E Table Settings Chart: Type E5

Paper Type	E Table	Decurler Type	E Table Settings					
			Lower (10 mm)	Lower (6 mm)	Lower (2 mm)	Upper (10 mm)	Upper (6 mm)	Upper (2 mm)
❑ Single Paper Weight ❑ Mixed Paper Weight	❑ Type E1 ❑ Type E2 ❑ Type E3 ❑ Type E4 ❑ Type E5 ❑ Type E6	❑ Simplex: Straight ❑ Simplex: In Reverse ❑ Duplex: Side 1 to Side 2 ❑ Duplex: Side 2 to Side 1 ❑ Duplex Decurler	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm

1. Record the original, manufacturer default settings by placing a check mark in the appropriate boxes that apply for the original E Type settings, including Paper Type, E Table, and Decurler Type.
2. Touch the E Table Settings button (from the Decurler E Table Settings window) and then enter the number for each E Type Table Setting in the E Table Settings columns above.

E Table Settings Chart: Type E6

Paper Type	E Table	Decurler Type	E Table Settings					
			Lower (10 mm)	Lower (6 mm)	Lower (2 mm)	Upper (10 mm)	Upper (6 mm)	Upper (2 mm)
❑ Single Paper Weight ❑ Mixed Paper Weight	❑ Type E1 ❑ Type E2 ❑ Type E3 ❑ Type E4 ❑ Type E5 ❑ Type E6	❑ Simplex: Straight ❑ Simplex: In Reverse ❑ Duplex: Side 1 to Side 2 ❑ Duplex: Side 2 to Side 1 ❑ Duplex Decurler	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm	❑ _____ mm

1. Record the original, manufacturer default settings by placing a check mark in the appropriate boxes that apply for the original E Type settings, including Paper Type, E Table, and Decurler Type.
2. Touch the E Table Settings button (from the Decurler E Table Settings window) and then enter the number for each E Type Table Setting in the E Table Settings columns above.

Custom paper setup charts

Custom Paper Setup Chart 1

Custom Profile 1							
Paper Tray #	Paper Type Switch	Custom Paper Adjustment					Alignment Adjustment
		Base Range of Paper Type	2nd BTB	Decurler Penetration Amount	Aligner NIP Pressure	Air Assist Operation Selection	Refer to Alignment Profile Number:
❑ 1 ❑ 2 ❑ 3 ❑ 4	❑ Off ❑ 60-80 g/m² Uncoated ❑ 81-105 g/m² Uncoated ❑ 106-135 g/m² Uncoated ❑ 136-186 g/m² Uncoated ❑ 187-220 g/m² Uncoated ❑ 221-300 g/m² Uncoated ❑ Transparency ❑ 60-80 g/m² Coated ❑ 81-105 g/m² Coated ❑ 106-135 g/m² Coated ❑ 136-186 g/m² Coated ❑ 187-220 g/m² Coated ❑ 221-300 g/m² Coated	❑ 60-80 g/m² Uncoated ❑ 81-105 g/m² Uncoated ❑ 106-135 g/m² Uncoated ❑ 136-186 g/m² Uncoated ❑ 187-220 g/m² Uncoated ❑ 221-300 g/m² Uncoated ❑ 60-80 g/m² Coated ❑ 81-105 g/m² Coated ❑ 106-135 g/m² Coated ❑ 136-186 g/m² Coated ❑ 187-220 g/m² Coated ❑ 221-300 g/m² Coated	❑ Side 1: (50-150%) _____% ❑ Side 2: (50-150%) _____%	❑ Auto ❑ Type A ❑ Type B ❑ Type C ❑ Type D ❑ Type E1 ❑ Type E2 ❑ Type E3 ❑ Type E4 ❑ Type E5 ❑ Type E6	❑ (-30 to +30) _____ Pulse	❑ Auto ❑ Do Not Operate ❑ Operate	❑ Default ❑ 1 ❑ 2 ❑ 3 ❑ 4 ❑ 5 ❑ 6 ❑ 7 ❑ 8 ❑ 9 ❑ 10 ❑ 11 ❑ 12 ❑ 13 ❑ 14 ❑ 15 ❑ 16 ❑ 17 ❑ 18 ❑ 19 ❑ 20

When making selections for your Custom Paper Profile, place a check mark in the appropriate boxes that apply for the settings you select, and where applicable, enter the number you choose for that setting.

Custom Paper Setup Chart 2

Custom Profile 1							
Paper Tray #	Paper Type Switch	Custom Paper Adjustment					Alignment Adjustment
		Base Range of Paper Type	2nd BTB	Decurler Penetration Amount	Aligner NIP Pressure	Air Assist Operation Selection	Refer to Alignment Profile Number:
❑ 1 ❑ 2 ❑ 3 ❑ 4	❑ Off ❑ 60-80 g/m² Uncoated ❑ 81-105 g/m² Uncoated ❑ 106-135 g/m² Uncoated ❑ 136-186 g/m² Uncoated ❑ 187-220 g/m² Uncoated ❑ 221-300 g/m² Uncoated ❑ Transparency ❑ 60-80 g/m² Coated ❑ 81-105 g/m² Coated ❑ 106-135 g/m² Coated ❑ 136-186 g/m² Coated ❑ 187-220 g/m² Coated ❑ 221-300 g/m² Coated	❑ 60-80 g/m² Uncoated ❑ 81-105 g/m² Uncoated ❑ 106-135 g/m² Uncoated ❑ 136-186 g/m² Uncoated ❑ 187-220 g/m² Uncoated ❑ 221-300 g/m² Uncoated ❑ 60-80 g/m² Coated ❑ 81-105 g/m² Coated ❑ 106-135 g/m² Coated ❑ 136-186 g/m² Coated ❑ 187-220 g/m² Coated ❑ 221-300 g/m² Coated	❑ Side 1: (50-150 %) _____ % ❑ Side 2: (50-150 %) _____ %	❑ Auto ❑ Type A ❑ Type B ❑ Type C ❑ Type D ❑ Type E1 ❑ Type E2 ❑ Type E3 ❑ Type E4 ❑ Type E5 ❑ Type E6	❑ (-30 to +30) _____ Pulse	❑ Auto ❑ Do Not Operate ❑ Operate	❑ Default ❑ 1 ❑ 2 ❑ 3 ❑ 4 ❑ 5 ❑ 6 ❑ 7 ❑ 8 ❑ 9 ❑ 10 ❑ 11 ❑ 12 ❑ 13 ❑ 14 ❑ 15 ❑ 16 ❑ 17 ❑ 18 ❑ 19 ❑ 20

When making selections for your Custom Paper Profile, place a check mark in the appropriate boxes that apply for the settings you select, and where applicable, enter the number you choose for that setting.

Custom Paper Setup Chart 3

Custom Profile 1							
Paper Tray #	Paper Type Switch	Custom Paper Adjustment					Alignment Adjustment
		Base Range of Paper Type	2nd BTB	Decurler Penetration Amount	Aligner NIP Pressure	Air Assist Operation Selection	Refer to Alignment Profile Number:
❑ 1 ❑ 2 ❑ 3 ❑ 4	❑ Off ❑ 60-80 g/m^2 Uncoated ❑ 81-105 g/m^2 Uncoated ❑ 106-135 g/m^2 Uncoated ❑ 136-186 g/m^2 Uncoated ❑ 187-220 g/m^2 Uncoated ❑ 221-300 g/m^2 Uncoated ❑ Transparency ❑ 60-80 g/m^2 Coated ❑ 81-105 g/m^2 Coated ❑ 106-135 g/m^2 Coated ❑ 136-186 g/m^2 Coated ❑ 187-220 g/m^2 Coated ❑ 221-300 g/m^2 Coated	❑ 60-80 g/m^2 Uncoated ❑ 81-105 g/m^2 Uncoated ❑ 106-135 g/m^2 Uncoated ❑ 136-186 g/m^2 Uncoated ❑ 187-220 g/m^2 Uncoated ❑ 221-300 g/m^2 Uncoated ❑ 60-80 g/m^2 Coated ❑ 81-105 g/m^2 Coated ❑ 106-135 g/m^2 Coated ❑ 136-186 g/m^2 Coated ❑ 187-220 g/m^2 Coated ❑ 221-300 g/m^2 Coated	❑ Side 1: (50-150 %) _____ % ❑ Side 2: (50-150 %) _____ %	❑ Auto ❑ Type A ❑ Type B ❑ Type C ❑ Type D ❑ Type E1 ❑ Type E2 ❑ Type E3 ❑ Type E4 ❑ Type E5 ❑ Type E6	❑ (-30 to +30) _____ Pulse	❑ Auto ❑ Do Not Operate ❑ Operate	❑ Default ❑ 1 ❑ 2 ❑ 3 ❑ 4 ❑ 5 ❑ 6 ❑ 7 ❑ 8 ❑ 9 ❑ 10 ❑ 11 ❑ 12 ❑ 13 ❑ 14 ❑ 15 ❑ 16 ❑ 17 ❑ 18 ❑ 19 ❑ 20

When making selections for your Custom Paper Profile, enter the Customer Profile number. Place a check mark in the appropriate boxes that apply for the settings you select, and where applicable, enter the number you choose for those settings.

Custom Paper Setup Chart 4

Custom Profile 1							
Paper Tray #	Paper Type Switch	Custom Paper Adjustment					Alignment Adjustment
		Base Range of Paper Type	2nd BTB	Decurler Penetration Amount	Aligner NIP Pressure	Air Assist Operation Selection	Refer to Alignment Profile Number:
❑ 1 ❑ 2 ❑ 3 ❑ 4	❑ Off ❑ 60-80 g/m^2 Uncoated ❑ 81-105 g/m^2 Uncoated ❑ 106-135 g/m^2 Uncoated ❑ 136-186 g/m^2 Uncoated ❑ 187-220 g/m^2 Uncoated ❑ 221-300 g/m^2 Uncoated ❑ Transparency ❑ 60-80 g/m^2 Coated ❑ 81-105 g/m^2 Coated ❑ 106-135 g/m^2 Coated ❑ 136-186 g/m^2 Coated ❑ 187-220 g/m^2 Coated ❑ 221-300 g/m^2 Coated	❑ 60-80 g/m^2 Uncoated ❑ 81-105 g/m^2 Uncoated ❑ 106-135 g/m^2 Uncoated ❑ 136-186 g/m^2 Uncoated ❑ 187-220 g/m^2 Uncoated ❑ 221-300 g/m^2 Uncoated ❑ 60-80 g/m^2 Coated ❑ 81-105 g/m^2 Coated ❑ 106-135 g/m^2 Coated ❑ 136-186 g/m^2 Coated ❑ 187-220 g/m^2 Coated ❑ 221-300 g/m^2 Coated	❑ Side 1: (50-150 %) _____ % ❑ Side 2: (50-150 %) _____ %	❑ Auto ❑ Type A ❑ Type B ❑ Type C ❑ Type D ❑ Type E1 ❑ Type E2 ❑ Type E3 ❑ Type E4 ❑ Type E5 ❑ Type E6	❑ (-30 to +30) _____ Pulse	❑ Auto ❑ Do Not Operate ❑ Operate	❑ Default ❑ 1 ❑ 2 ❑ 3 ❑ 4 ❑ 5 ❑ 6 ❑ 7 ❑ 8 ❑ 9 ❑ 10 ❑ 11 ❑ 12 ❑ 13 ❑ 14 ❑ 15 ❑ 16 ❑ 17 ❑ 18 ❑ 19 ❑ 20

When making selections for your Custom Paper Profile, enter the Customer Profile number. Place a check mark in the appropriate boxes that apply for the settings you select, and where applicable, enter the number you choose for those settings.

Alignment Adjustment Profile charts

Alignment Adjustment Profile Chart 1

Alignment Profile 1					
❑ Lead Registration	❑ Side Registration	❑ Perpendicularity	❑ Side Skew	❑ FS Direction Image Magnification	❑ SS Direction Image Magnification
❑ Side 1: (-2.0 to +2.0) _____mm ❑ Side 2: (-2.0 to +2.0) _____mm	❑ Side 1: (-2.0 to +2.0) _____mm ❑ Side 2: (-2.0 to +2.0) _____mm	❑ Side 1: (-1.2 to +1.2) _____mm ❑ Side 2: (-1.2 to +1.2) _____mm	❑ Side 1: (-2.0 to +2.0) _____mm ❑ Side 2: (-2.0 to +2.0) _____mm	❑ Side 1: (-0.400 to +0.400) _____% ❑ Side 2: (-0.400 to +0.400) _____%	❑ Side 1: (-0.400 to +0.400) _____% ❑ Side 2: (-0.400 to +0.400) _____%

When making selections for your Alignment Adjustment Profile, place a check mark in the appropriate boxes that apply for the settings you select, and where applicable, enter the number you choose for the selected settings.

Alignment Adjustment Profile Chart 2

Alignment Profile 1					
❑ Lead Registration	❑ Side Registration	❑ Perpendicularity	❑ Side Skew	❑ FS Direction Image Magnification	❑ SS Direction Image Magnification
❑ Side 1: (-2.0 to +2.0) _____mm ❑ Side 2: (-2.0 to +2.0) _____mm	❑ Side 1: (-2.0 to +2.0) _____mm ❑ Side 2: (-2.0 to +2.0) _____mm	❑ Side 1: (-1.2 to +1.2) _____mm ❑ Side 2: (-1.2 to +1.2) _____mm	❑ Side 1: (-2.0 to +2.0) _____mm ❑ Side 2: (-2.0 to +2.0) _____mm	❑ Side 1: (-0.400 to +0.400) _____% ❑ Side 2: (-0.400 to +0.400) _____%	❑ Side 1: (-0.400 to +0.400) _____% ❑ Side 2: (-0.400 to +0.400) _____%

When making selections for your Alignment Adjustment Profile, place a check mark in the appropriate boxes that apply for the settings you select, and where applicable, enter the number you choose for the selected settings.

Alignment Adjustment Profile Chart 3

Alignment Profile 1					
❑ Lead Registration	❑ Side Registration	❑ Perpendicularity	❑ Side Skew	❑ FS Direction Image Magnification	❑ SS Direction Image Magnification
❑ Side 1: (-2.0 to +2.0) _____mm ❑ Side 2: (-2.0 to +2.0) _____mm	❑ Side 1: (-2.0 to +2.0) _____mm ❑ Side 2: (-2.0 to +2.0) _____mm	❑ Side 1: (-1.2 to +1.2) _____mm ❑ Side 2: (-1.2 to +1.2) _____mm	❑ Side 1: (-2.0 to +2.0) _____mm ❑ Side 2: (-2.0 to +2.0) _____mm	❑ Side 1: (-0.400 to +0.400) _____% ❑ Side 2: (-0.400 to +0.400) _____%	❑ Side 1: (-0.400 to +0.400) _____% ❑ Side 2: (-0.400 to +0.400) _____%

When making selections for your Alignment Adjustment Profile, enter the Alignment Profile Number. Place a check mark in the appropriate boxes that apply for the settings you select, and where applicable, enter the number you choose for the selected settings.

Alignment Adjustment Profile Chart 4

Alignment Profile 1					
❑ Lead Registration	❑ Side Registration	❑ Perpendicularity	❑ Side Skew	❑ FS Direction Image Magnification	❑ SS Direction Image Magnification
❑ Side 1: (-2.0 to +2.0) _____mm ❑ Side 2: (-2.0 to +2.0) _____mm	❑ Side 1: (-2.0 to +2.0) _____mm ❑ Side 2: (-2.0 to +2.0) _____mm	❑ Side 1: (-1.2 to +1.2) _____mm ❑ Side 2: (-1.2 to +1.2) _____mm	❑ Side 1: (-2.0 to +2.0) _____mm ❑ Side 2: (-2.0 to +2.0) _____mm	❑ Side 1: (-0.400 to +0.400) _____% ❑ Side 2: (-0.400 to +0.400) _____%	❑ Side 1: (-0.400 to +0.400) _____% ❑ Side 2: (-0.400 to +0.400) _____%

When making selections for your Alignment Adjustment Profile, enter the Alignment Profile Number. Place a check mark in the appropriate boxes that apply for the settings you select, and where applicable, enter the number you choose for the selected settings.