

# 1. Tools Mode

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**NOTE:** Some features or options described in this chapter may not display or be selectable depending on the configuration of your machine. Example: the Feature Defaults screens display only if you have the optional Scanner connected.

## Overview

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The Tools Mode enables you to establish the default settings for your DocuColor 6060 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

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### KEY POINT:

- If you attempt to access the Tools Mode while a job is printing, access to the screens will be delayed until the job completes printing.
- Jobs will queue, but will not print while the Tools Mode is active.
- You cannot access the Tools Mode if the DocuColor 6060 is in a Fault condition.
- You cannot access the Tools Mode if the Pause key on the Control Panel has been pressed to halt a job. When the job that was stopped has been completed, Tools Mode may be accessed.

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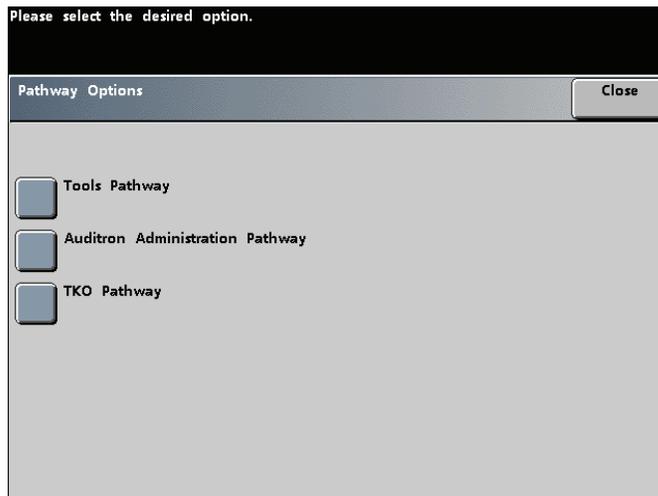
Use the following procedure to enter and exit the Tools Mode:

- 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 1s (1 1 1 1 1). For security reasons, only asterisks are displayed on the screen.
- 3 Touch the **Enter** button on the screen. The Pathway Options screen appears, as shown in Figure 1.



**NOTE:** *It is recommended that you change the Tools password as soon as possible after installing the DocuColor 6060 to prevent unauthorized access to the Tools Mode. The procedure for changing the password is in Chapter 2 of this manual.*

- 4 Touch the **Tools Pathway** button on the screen.



*Figure 1. Pathway Options screen*

- 5 The *Machine Defaults 1* screen appears.

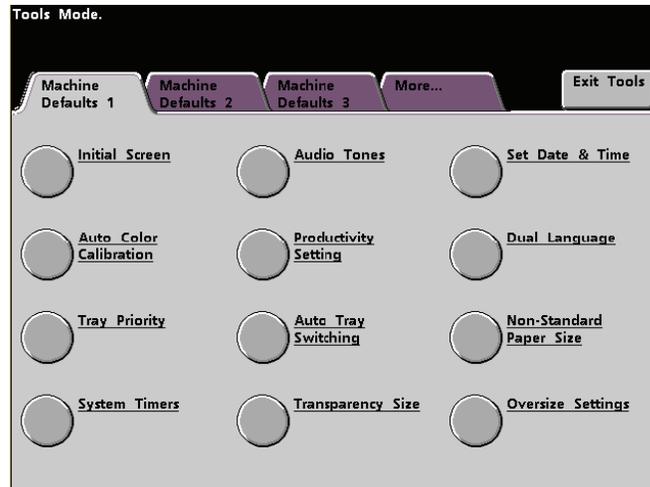


Figure 2. Machine Defaults 1 screen

- Touch the Machine Defaults 2 tab to display that screen.

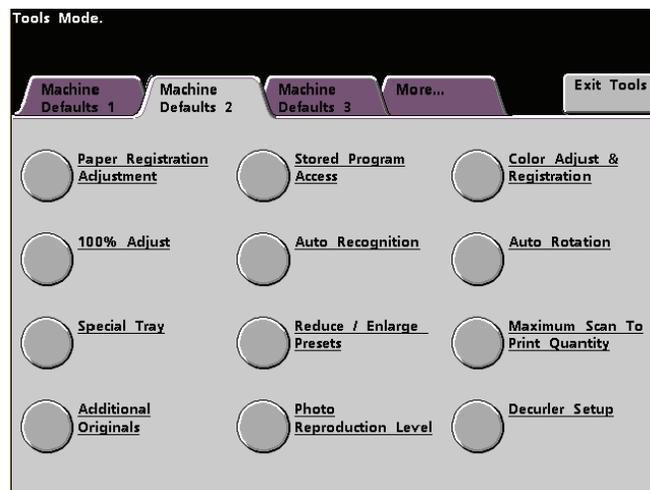
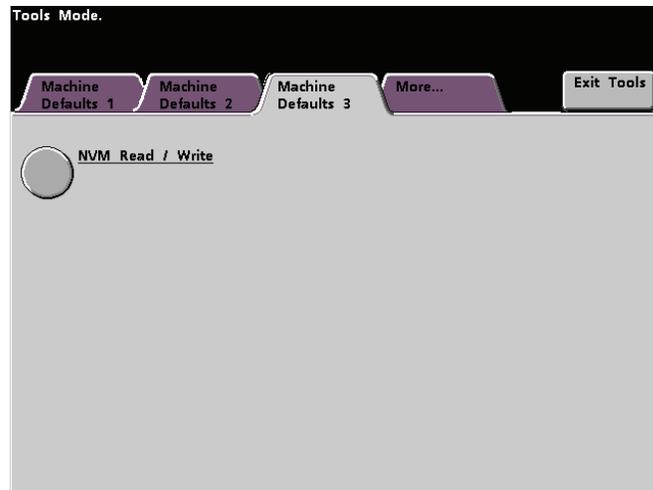


Figure 3. Machine Defaults 2 screen

- Touch the Machine Defaults 3 tab to display that screen.



*Figure 4. Machine Defaults 3 screen*

- 6 Touch the **Exit Tools** button to exit the Tools Mode.

## Navigating in Tools Mode

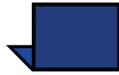
The following table tells you how to navigate in Tools Mode by touching buttons.

| Button         | Result   |
|----------------|--|
| 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 and Feature Defaults

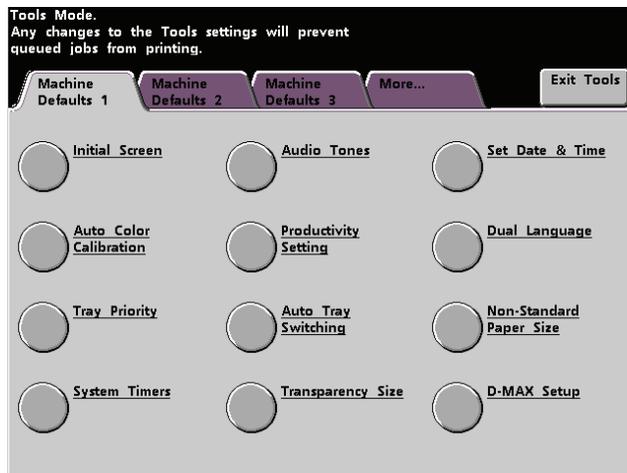


**NOTE:** The options displayed on the Machine Defaults screens 1, 2, and 3 are different depending on whether or not a Scanner is connected to the digital press. All available options are discussed in this section.

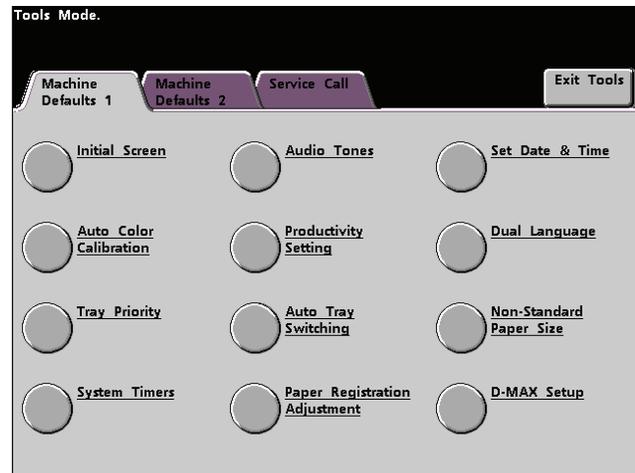
The Feature Defaults screens 1 and 2 do not display if a Scanner is not connected. All options are discussed in this section.

With a Scanner connected, three *Machine Defaults 1* screens are available for changing default settings. Two Feature Defaults screens are available by touching the **More...** tab.

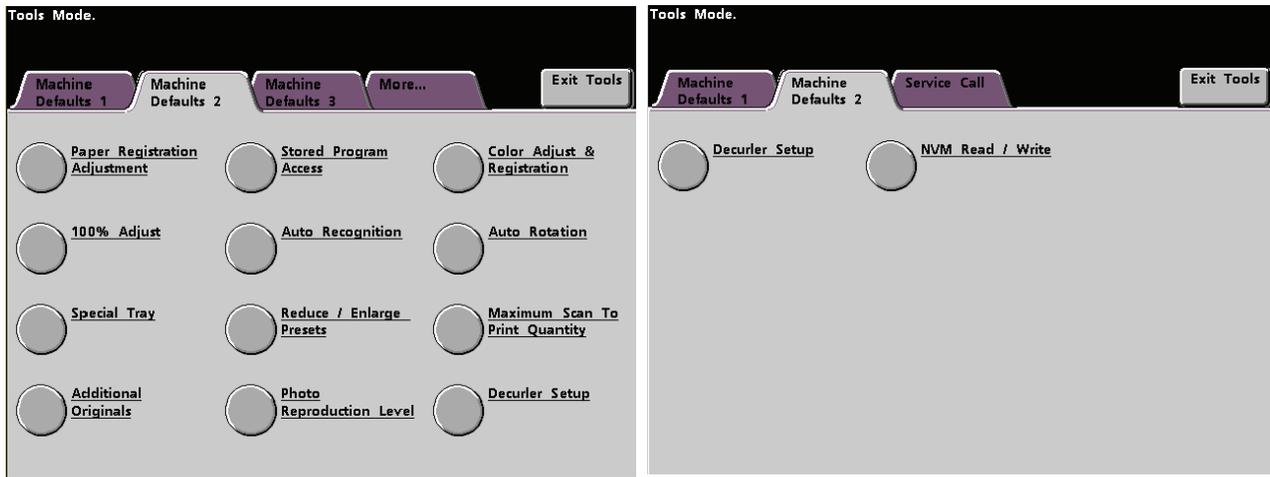
The procedures used to change settings for the options shown on the screens are described in detail after the screen samples shown below.



**Figure 5. Machine Defaults 1 options with a Scanner**



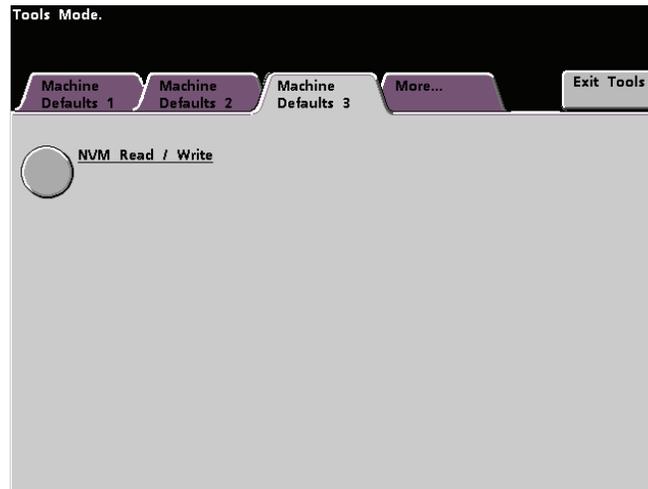
**Machine Defaults 1 options without a Scanner**



*Figure 6. Machine Defaults 2 options with a Scanner*

*Machine Defaults 2 options without a Scanner*

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*Figure 7. Machine Defaults 3 options with Scanner*

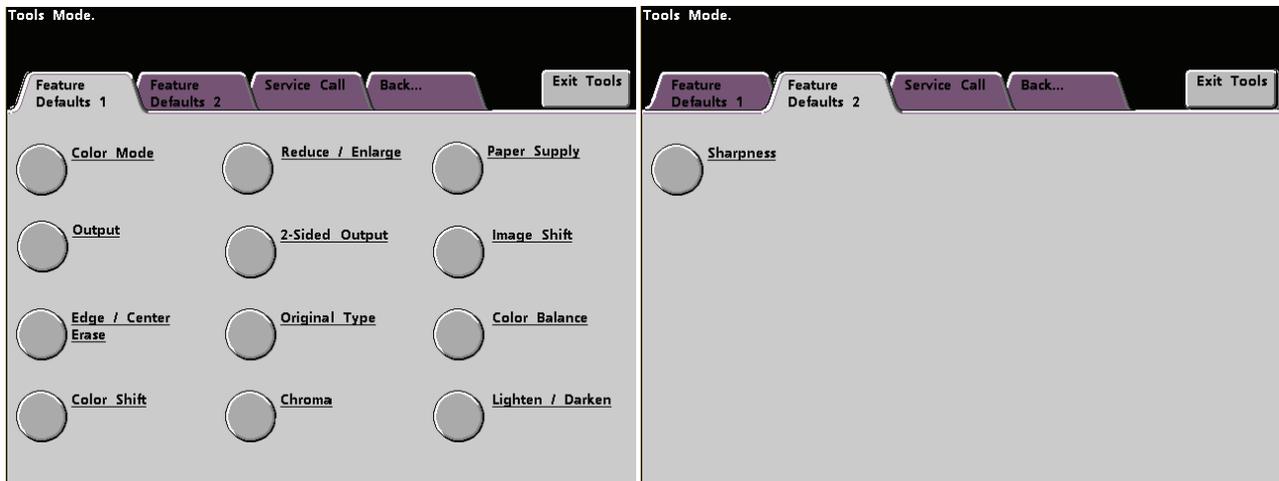


Figure 8. Feature Defaults 1 screen

Feature Defaults 2 screen



**NOTE:** *The Service Call feature is not yet available.*

## Machine Defaults 1

This section describes the default settings available to you on the *Machine Defaults 1* screen when a Scanner is connected.

- Initial Screen
- Auto Color Calibration
- Tray Priority
- System Timers
- Audio Tones
- Productivity Setting
- Auto Tray Switching
- Transparency Size (displays only with a Scanner)
- Set Date & Time
- Dual Language
- Non-Standard Paper Size
- D-MAX Setup

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

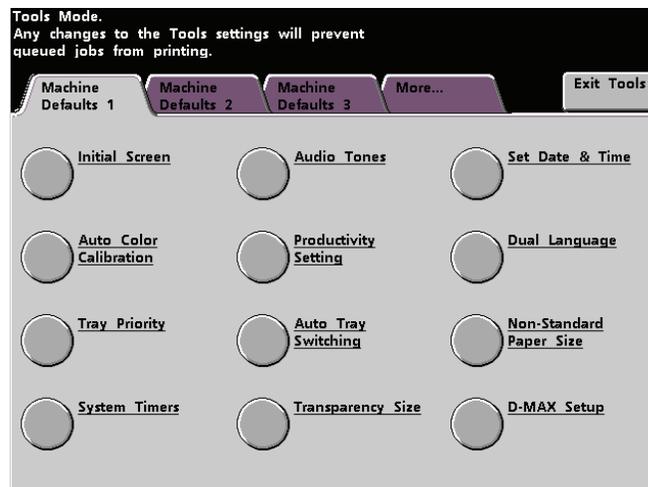


Figure 9. Machine Defaults 1 screen

## Initial Screen

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

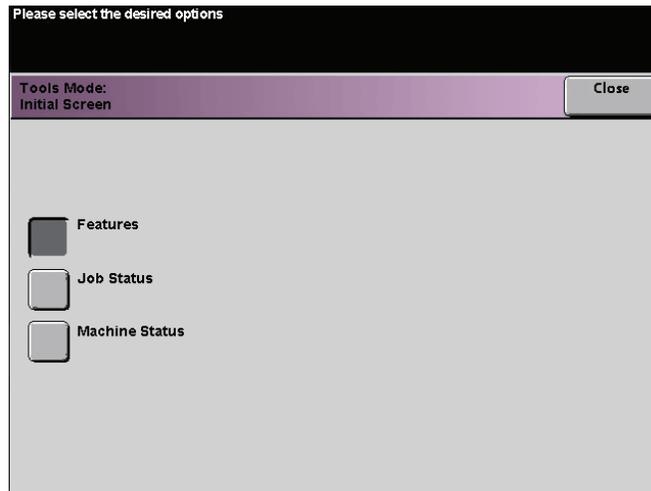
- Features (displays only with a Scanner)
- Job Status
- Machine Status



**NOTE:** The Basic Features screen is the factory default setting with a Scanner. The Machine Status screen is the default screen without a Scanner.



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



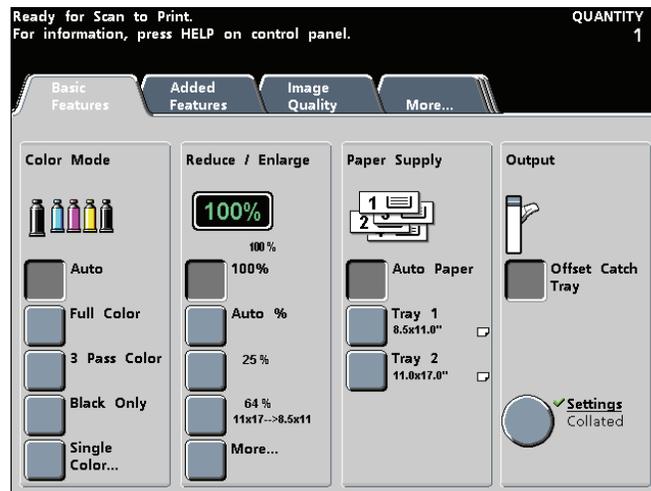
*Figure 10. Initial Screen screen*

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



**NOTE:** Refer to the *DocuColor 6060 Operator Manual* for information regarding the features on this screen and regarding the Added Features, Image Quality, and More... screens.

If you select the Features screen, the screen in Figure 8 appears when the machine is powered on. This screen displays the Basic Features tab for scan-to-print jobs.



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Figure 11. Basic Features screen

If you select the Machine Defaults screen, the screen in Figure 9 appears when the machine is powered on.

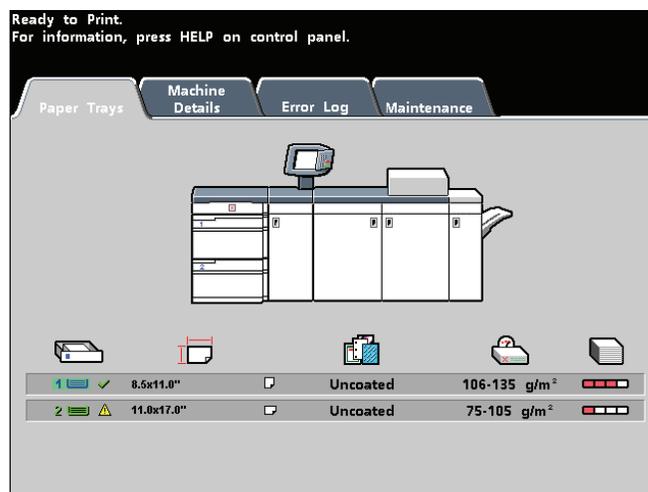
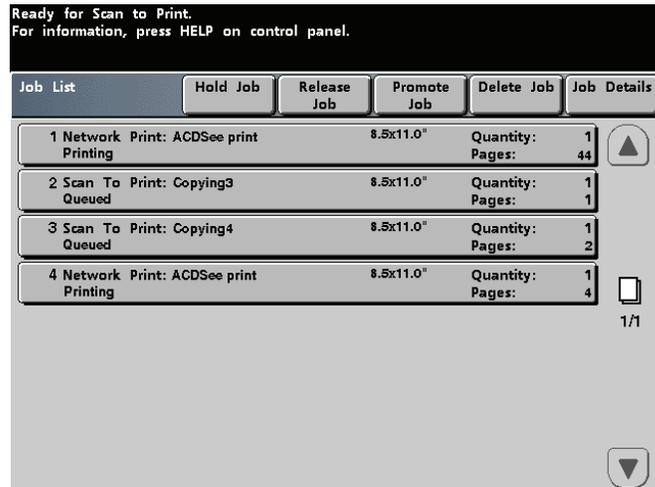


Figure 12. Machine Status screen

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.



*Figure 13. Job List screen*



**NOTE:** Refer to the DocuColor 6060 Operator Manual for more information about the Machine Status screen.

## Auto Color Calibration



**KEY POINT:** The DocuColor 6060 Color Calibration procedure does not affect the quality of print jobs sent through your color server. It is for scan-to-print jobs only.

The color server connected to your digital press has calibration procedures that you can use for network jobs.

The DocuColor 6060 has a number of monitoring sensors, as well as feedback and control mechanisms, that are designed to enhance overall calibration stability. Image quality is also automatically adjusted periodically during operation to keep the calibration as close as possible to the initial setup conditions.

You should use the image quality adjustment features such as Color Balance, Color Shift and Chroma before calibrating.



**KEY POINT:** Calibration targets can be printed only on A4 or Letter sized paper. Ensure that A4 or Letter paper is loaded in one of the paper trays.

**KEY POINT:** You should be skilled in color science and calibration procedures before attempting to use the options available on these screens.

### What to know about screening

The digital press with scanner uses an advanced proprietary screening technology to produce the colors, pictures, tints, and shades required to produce high-quality prints.

PG is an abbreviation for Pattern Generator. The R in 200R refers to Rotated Line screen, and the C in 200C and 150C refers to Cluster Dot screen.

The five screening methods and what you should remember about each are described in the following table.

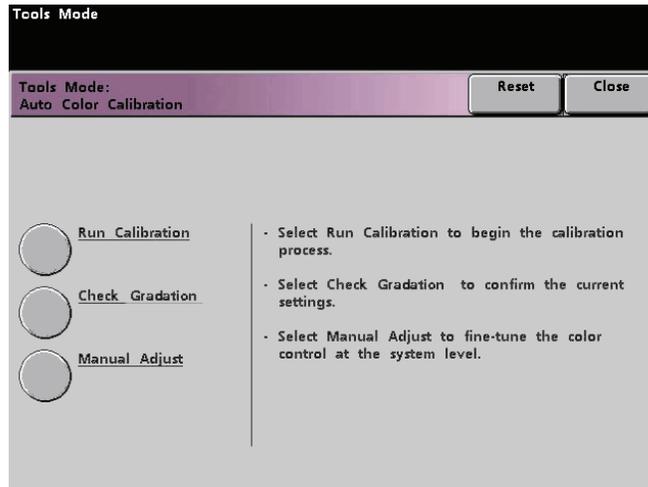
| Screening Method               | What to Remember   |
|--------------------------------|--|
| 150C (LPI Cluster Dot)         | Provides better coverage on rough paper<br>Larger dot provides better color stability<br>Reduces black and other solid color mottle<br>Provides better black coverage due to black toner granularity<br>Dot size is better for impressions containing tints, highlights, and pastels<br>Most suitable for pages requirement careful control of highlights<br>Poorest performance on text |
| 200C (LPI Cluster Dot)         | Produces fine rosettes that can better emulate offset lithography.<br>May leave jaggies on text (fonts)<br>Better for creating smooth gradients with minimum contouring<br>Best for graphics and images<br>Switch to the 200R screen if banding occurs   |
| 200R (LPI Rotated Line screen) | The angle is fixed and cannot be adjusted<br>Has vertical screening for black, which is better for text and line art.<br>Switch to the 200C screen if banding occurs.<br>Best all-purpose screen.  |
| 300 LPI Line screen            | Generally considered a special use screen.<br>Better edges on colored text with fewer jaggies.<br>Poor color stability due to small size of dot.<br>The entire color gamut must be reproduced in two-micron area.  |
| 600 LPI Line screen            | Least color stability due to small size of dot.<br>Not recommended for most workflows.<br>Used primarily for testing.  |
| All PG                         | Use this to calibrate all the screens.   |

A color server uses information from the PostScript job and the software print driver to determine which screen is used for a particular job.

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To access the calibration procedures:

- 1 Touch the **Auto Color Calibration** button on the *Machine Defaults 1* screen. The *Auto Color Calibration* screen appears.



*Figure 14. Auto Color Calibration screen*

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From this screen, you can perform the following tasks:

- [Run Calibration](#)
- [Check Gradation](#)
- [Manual Adjust](#)



**KEY POINT:** Touch the Reset button on the Auto Color Calibration screen to return any settings you changed to their last saved values. Once you exit Tools Mode, any changes you have made are set.

Refer to the following procedures for detailed information regarding each option displayed on this screen.

## Run Calibration

Use the Run Calibration feature if it is visually obvious that the gray balance on your scan-to-print jobs is not correct. During the Run Calibration procedure, the digital press creates a Look Up Table (LUT) by reading the 12 Toner Density Patches that print out. The digital press then compares those readings to the factory-set target values and makes the necessary adjustments to bring the values within the target range.



**NOTE:** PG is an abbreviation for Pattern Generator. The R in 200R indicates Rotated Line screen, and the C in 200C and 150C indicates Cluster Dot screen.



- 1 Touch the **Run Calibration** button on the *Auto Color Calibration* screen to begin the calibration process. The *Run Calibration* screen appears.

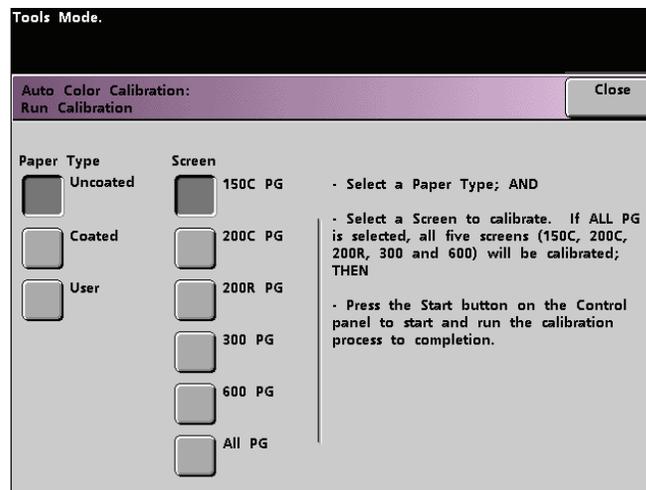


Figure 15. Run Calibration screen

- 2** Select the Paper Type you are using for the calibration:
  - Uncoated
  - Coated
  - User

Select the User option if you are using any paper other than Coated or Uncoated. Always make the appropriate settings on the paper tray in which you have loaded the paper.
- 3** Select a specific screen or touch **All PG** to calibrate all the screens.
- 4** Press the **Start** button on the Control Panel. The calibration process starts and color patch prints are printed.

## Check Gradation

The Check Gradation feature allows you to print gradated color patch prints for each line screen on the digital press. These gradated color patch prints are used to verify that the dry ink/toner densities for CMYK and Grey balance are correct. If you are dissatisfied with the appearance of any color on the print, you can manually adjust the dry ink/toner densities for Cyan, Magenta, Yellow, and Black using the Manual Adjust feature. It is recommended that you begin your calibration by calibrating the 300 PG screen first. This is the basic line screen that is used, and all other line screens are calibrated against the 300 PG screen.

Use this feature daily and compare the output of gradated color patches to the color patch prints from the previous day. Under normal operating conditions, there should be no difference between them. Automatic sensors and control mechanisms in the digital press with scanner should maintain consistent calibration.

If there is an obvious visual difference between two days' color patches, run the calibration process on the color server, then run this gradation process again.

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- 1 Touch the **Check Gradation** button on the *Auto Color Calibration* screen to begin the process. The *Check Gradation* screen appears.

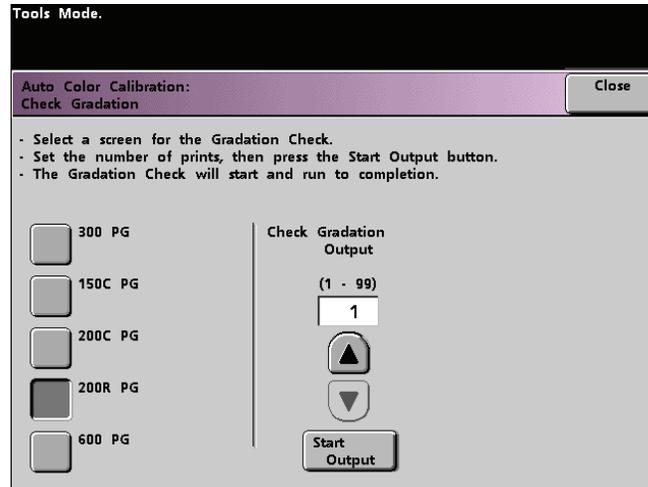


Figure 16. Check Gradation screen

- 2** Touch the button for the screen for which you want to check the gradation.
- 3** Use the arrow key to select the number of output prints.
- 4** Touch the **Start Output** button on the screen. The gradation check process starts and gradated color patch prints are printed.
- 5** Repeat the process for each screen for which you want to check the gradation.

## Manual Adjust

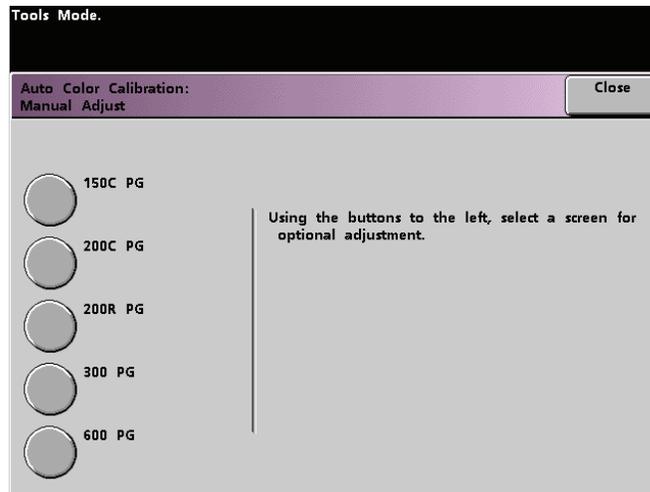
The Manual Adjust feature enables you to modify the Look Up Table (LUT) for each color (CMYK), for specific screens.



**KEY POINT:** Manual Adjust should be used only by an expert in color science. Any changes made on this screen remain in effect for all future scanned jobs, until it is changed again.

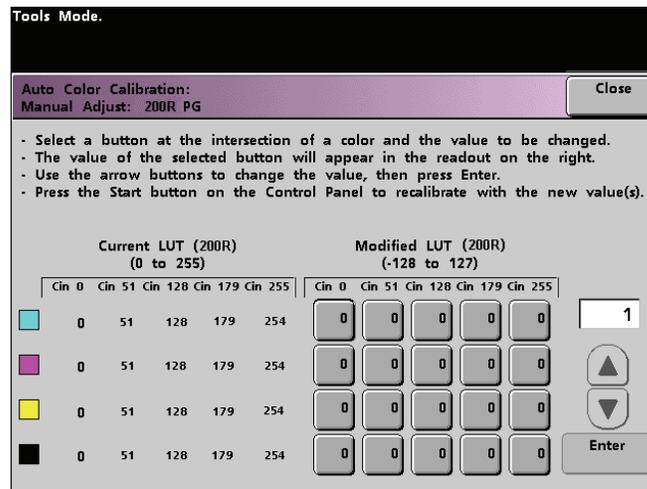


- 1 Touch the **Manual Adjust** button on the *Auto Color Calibration* screen. The following screen appears. Select the screen to adjust.



*Figure 17. Manual Adjust screen selection screen*

The following screen automatically appears.



*Figure 18. Manual Adjust LUT screen*

The values displayed represent a percentage of density. The value (128) displayed in the middle column of the current LUT is the mid point between 0 and 254.

Entering a lower number produces a lighter color. Entering a higher number produces a darker color. If you make any changes, run test prints to evaluate the output prints.

- 2** Follow the directions on the screen and touch the button for the value you wish to adjust.
- 3** Touch the up or down arrow buttons until the value you want is displayed in the field above the arrow buttons.



**KEY POINT:** You should not adjust the value more than 5 counts at a time.

- 4** Touch the **Enter** button on the screen.
- 5** Repeat steps 2, 3, and 4 to enter other new values.
- 6** Press the **Start** button on the Control Panel to enter the new values into the system.



**KEY POINT:** It is recommended that you run the Check Gradation procedure for the screening type that you are adjusting. Do a before and after comparison to verify your changes.

## Tray Priority

The Tray Priority feature allows you to select priorities for each paper tray. If the Auto Tray Switching feature is enabled, and each paper tray contains the same size and weight paper, the digital press feeds paper from the paper tray set at Priority 1. If there is no paper in the Priority 1 paper tray, the Priority 2 paper tray is automatically selected, and so on.

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

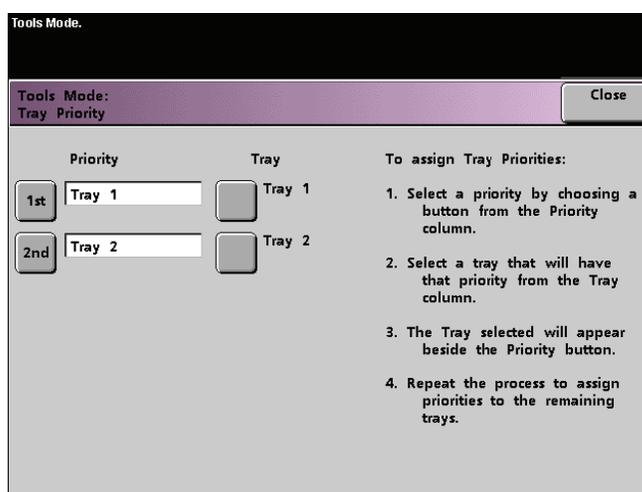


Figure 19. Tray Priority screen

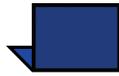
- 2 Touch the desired Priority button in the Priority column.
- 3 Touch the button for the Paper Tray that will have that priority. The number of the selected Paper Tray appears next to that Priority button.
- 4 Repeat this procedure for each Priority. You will not be able to set the same Paper Tray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

## System Timers

The System Timers feature allows you 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.



**NOTE:** The *Auto Resume Scan* button is available only when a Scanner is connected.

The *Auditron Mode* options are available only if a Scanner is connected.

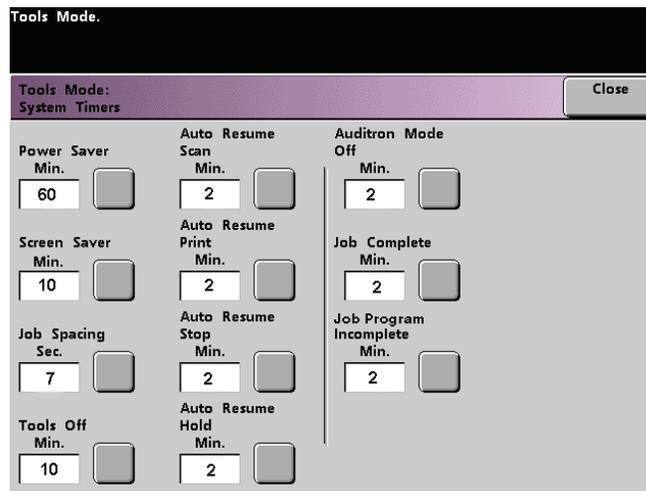


Figure 20. System Timers screen

## 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

123...

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

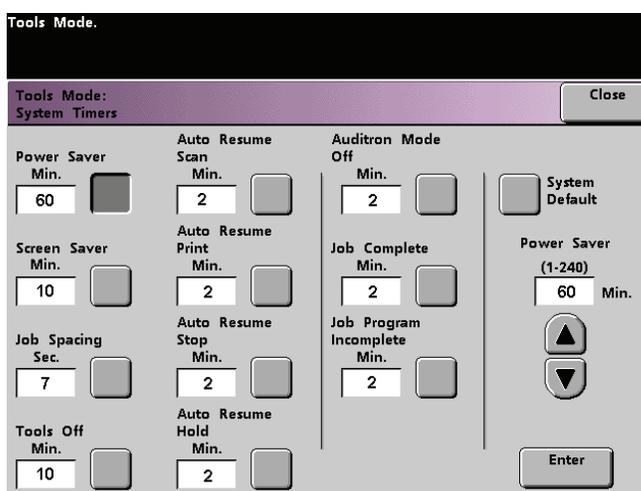


Figure 21. Power Saver screen

- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 240 minutes.  
To use the system default time of 60 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.

## 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.

123...

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

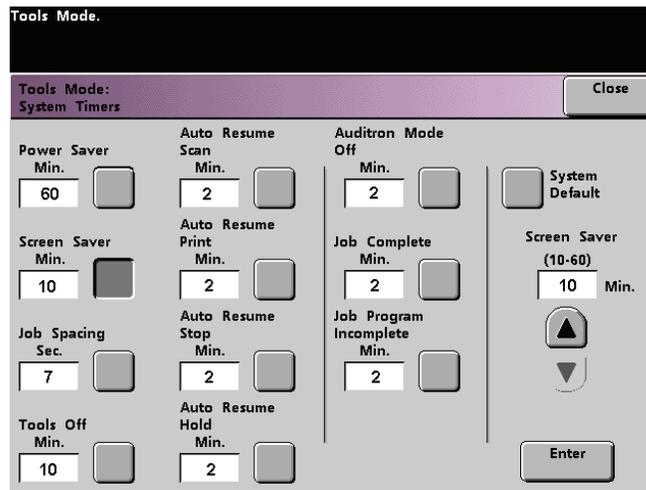


Figure 22. Screen Saver screen

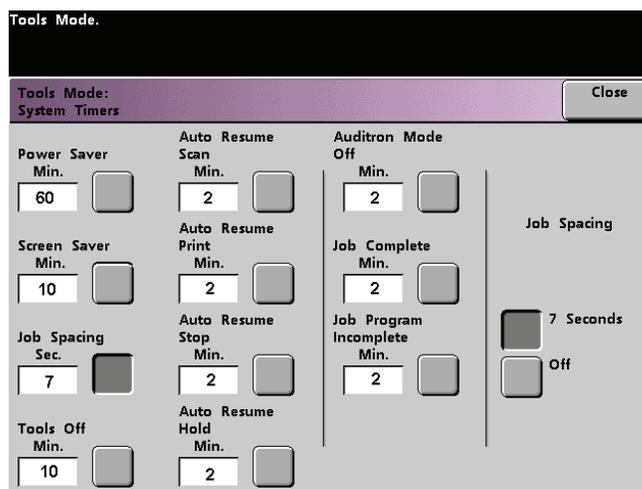
- 2 Use the up or down arrow buttons to change the time. The range available is 10 to 60 minutes.  
To use the system default time of 10 minutes, touch the **System Default** button.
- 3 Touch the **Enter** button on the screen to enter the new time into the system.
- 4 Touch the **Close** button to 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 7 seconds to unload prints from a finishing device before the next job starts printing.

123...

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



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Figure 23. Job Spacing 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*

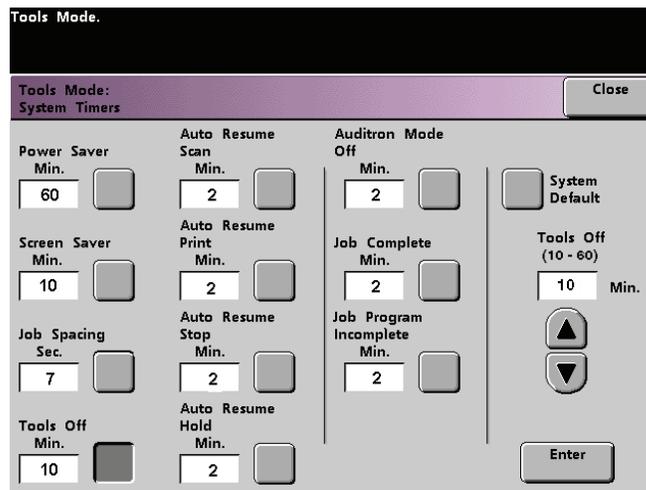
Use the Tools Off feature to have the digital press automatically return to the printing or scanning mode when no action has been taken on the Tools Mode screens after the set amount of time.



**KEY POINT:** Jobs sent over a network will queue but will not print while the Tools Mode is active.



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



*Figure 24. Tools Off screen*

- 2 Use the up or down arrow buttons to change the time. The range available is 10 to 60 minutes.  
To use the system default time of 10 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 Scan

Use the Auto Resume feature to restart a scan-to-print job automatically after a fault is cleared and the job is waiting for user instruction, or to restart a scan-to-print job waiting for user instruction after the Job Interrupt button on the Control Panel has been pressed.

123...

- 1 Touch the **Auto Resume Scan** button on the *System Timers* screen. The *Auto Resume Scan* screen appears.

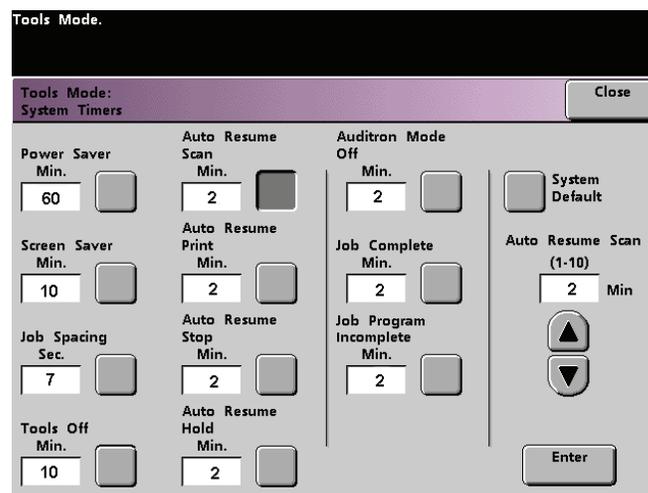


Figure 25. Auto Resume Scan screen

- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 10 minutes.  
To use the system default time of 2 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, or to restart a job waiting for user instruction after the Interrupt button on the Control Panel has been pressed.

123...

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

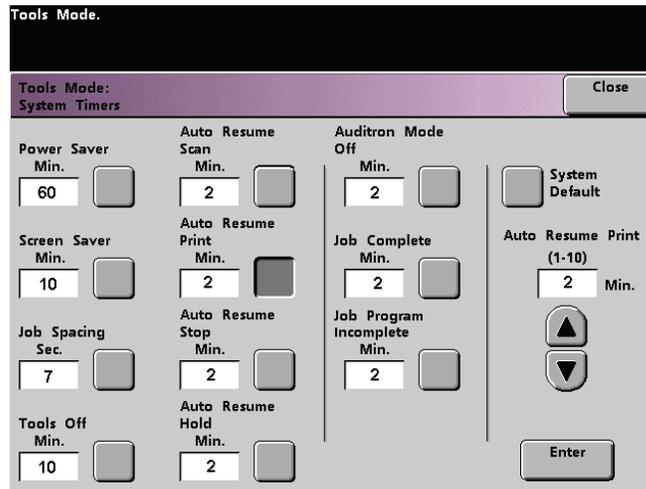


Figure 26. Auto Resume Print screen

- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 10 minutes.  
To use the system default time of 2 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.

123...

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

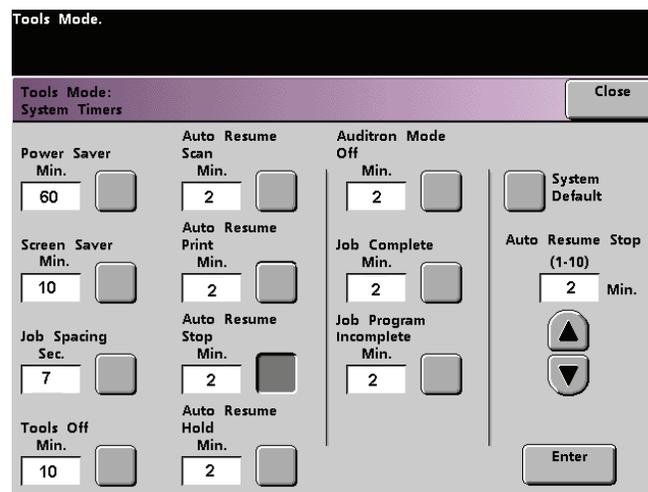


Figure 27. Auto Resume Stop screen

- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 10 minutes.  
To use the system default time of 2 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 proceed to print the next job in the queue if the job currently printing is waiting for user instruction to clear a certain type of fault.

123...

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

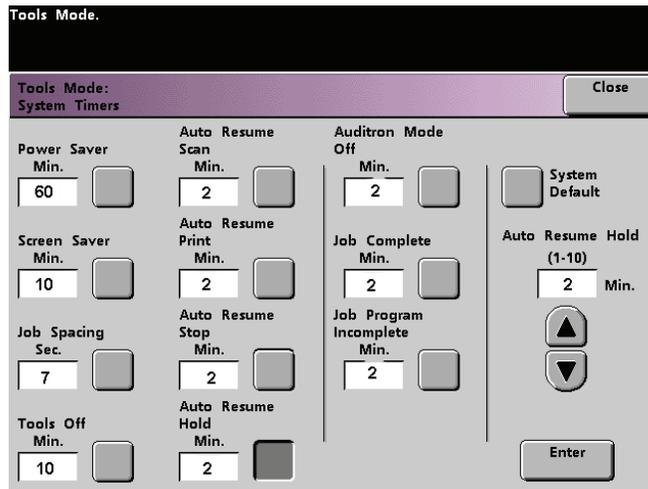


Figure 28. Auto Resume Hold screen

- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 10 minutes.  
To use the system default time of 2 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.

## Auditron Mode Off

The Auditron Mode options are available only if a Scanner is connected.

Use the Auditron Mode Off feature to set the time that it takes the digital press to return to the initial Password screen after the cessation of user activity while in Auditron Mode.

123...

- 1 Touch the **Auditron Mode Off** button on the *System Timers* screen. The *Auditron Mode Off* screen appears.

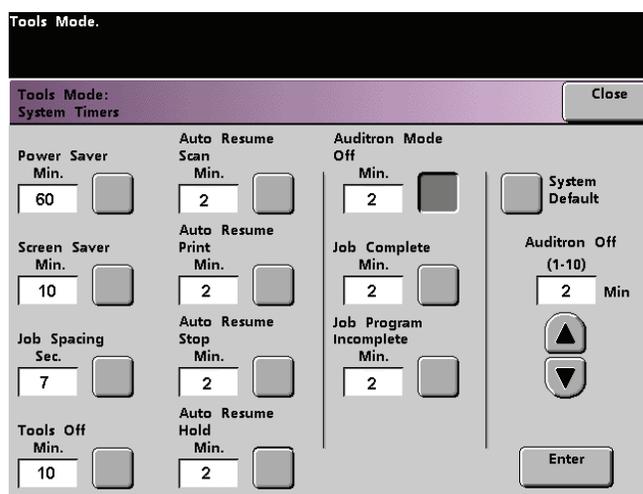


Figure 29. Auditron Mode Off screen

- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 10 minutes.  
To use the system default time of 2 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 Complete

The Job Complete feature determines when the digital press returns to the system default settings after a scanned job with programmed settings is complete. If a user has completed a job and failed to return the system settings to their default values by pressing the **Clear All** button on the Control Panel, the machine automatically restore the default settings after the amount of time set in the Job Complete screen.

123...

- 1 Touch the **Job Complete** button on the *System Timers* screen. The *Job Complete* screen appears.

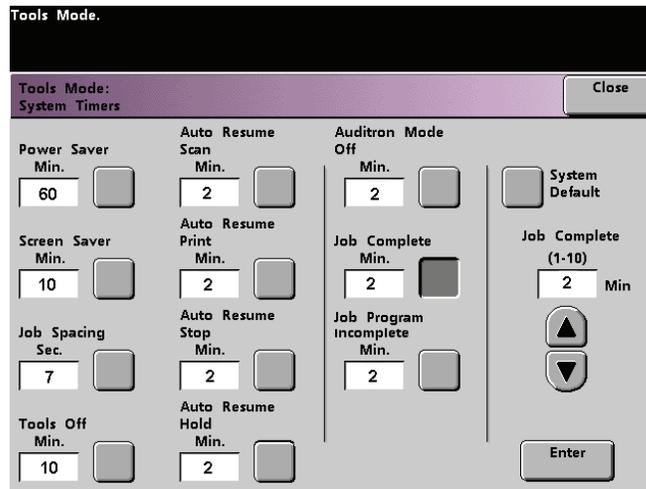


Figure 30. Job Complete screen

- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 10 minutes.  
To use the system default time of 2 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 Program Incomplete

The Job Program Incomplete feature allows users to set the time that it takes the digital press to return to the default feature settings after feature buttons have been selected to program a job, but the job has not been started and no user activity has occurred for the amount of time selected.

123...

- 1 Touch the **Job Program Incomplete** button on the *System Timers* screen. The *Job Program Incomplete* screen appears.

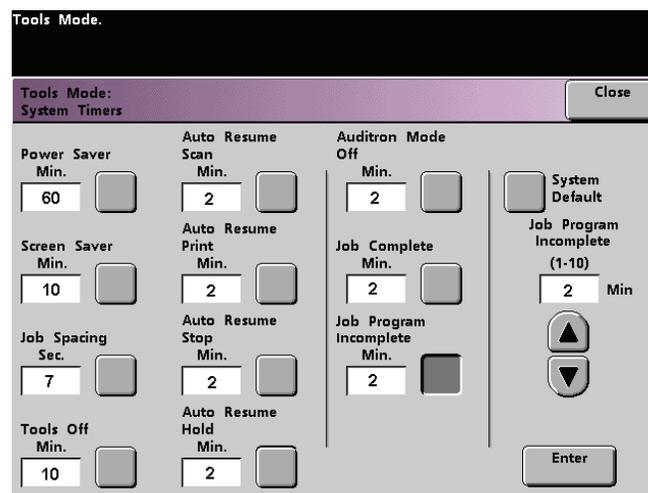


Figure 31. Job Program Incomplete screen

- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 10 minutes.  
To use the system default time of 2 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.

## 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. The Audio Tones screen appears.

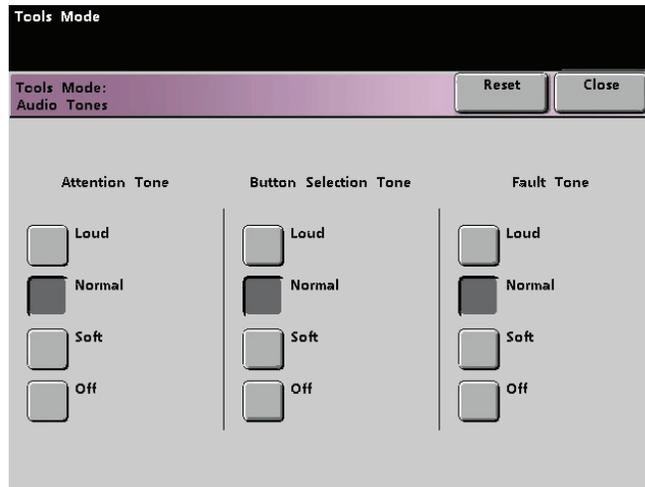


Figure 32. Audio Tones screen

- 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*

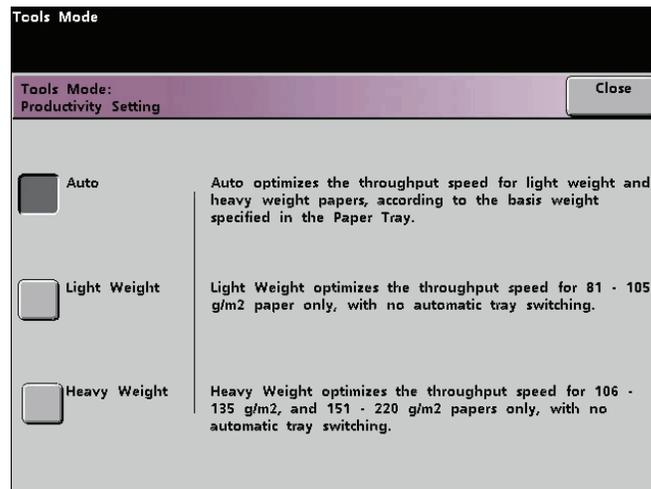
---

Use this setting to optimize the throughput speed for the type of paper you run most frequently. Productivity Setting options are provided in the following table.

| Selection    | What this Selection Does   |
|--------------|--|
| Auto         | Selects a Fuser temperature based on the paper weight selected in the paper tray, improving average power consumption, but slower operation while waiting for the Fuser to either heat up or cool down |
| Light Weight | Sets the Fuser temperature to 160°C, which optimizes the throughput speed for light weight papers, and uses lower power consumption  |
| Heavy Weight | Sets the Fuser temperature to 175°C, which optimizes the throughput speed for heavier papers, and results in higher power consumption  |

123...

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



*Figure 33. Productivity Setting screen*

- 2 Select the button for the type of paper you use most frequently in the digital press, or select **Auto** to use the throughput speed for the paper weight selected on the Paper Tray Weight Indicator.
- 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 Auto Tray Switching, Auto Paper Selection, and the Inhibited Tray options.

| <b>Default Setting</b> | <b>What the Default Does</b>  |
|------------------------|---|
| Auto Tray Switching    | Allows the digital press to automatically select another paper tray, containing the appropriate paper, if the selected paper tray becomes unusable    |
| Auto Paper Selection   | 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             |

123...

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

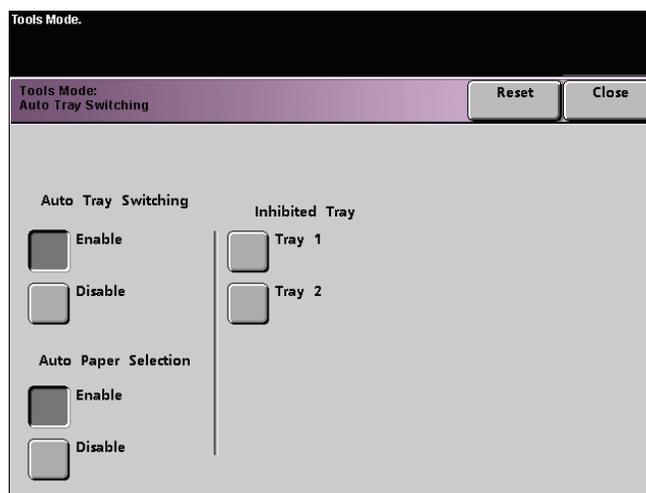


Figure 34. Auto Tray Switching

- 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.

## Transparency Size

The Transparency Size setting is available only when a Scanner is connected. Use the Transparency Size button to change the default size for printing on transparencies. Your options are 8.5x11.0" and 8.3x11.7" (or A4).

123...

- 1 Touch the **Transparency Size** button on the Machine Defaults 1 screen. The *Transparency Size* screen appears.

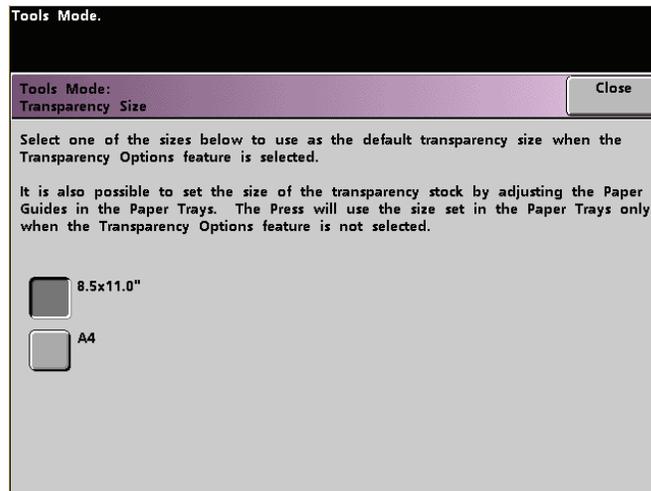


Figure 35. Transparency Size screen

- 2 Select one of the sizes displayed for the default transparency size.
- 3 Touch the **Close** button to return to the *Machine Defaults 1* screen.



**NOTE:** You can also set the transparency size by adjusting paper guides in the paper trays. The machine uses the size defined by the paper tray guides only if the Transparency Options feature is not selected.

## Set Date & Time

Use the Set Date & Time 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

123...

- 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.

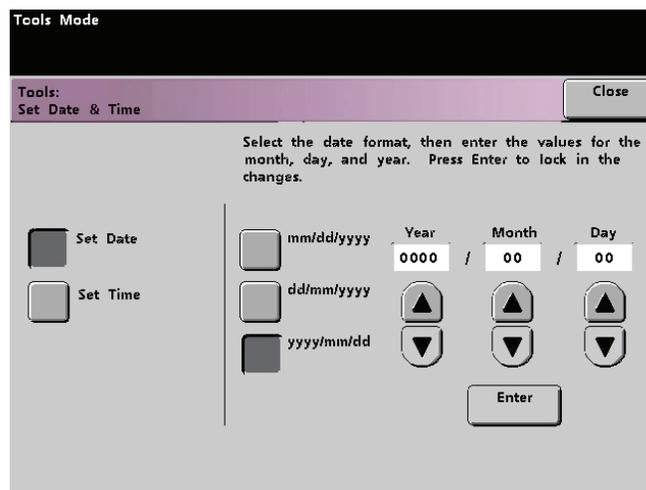


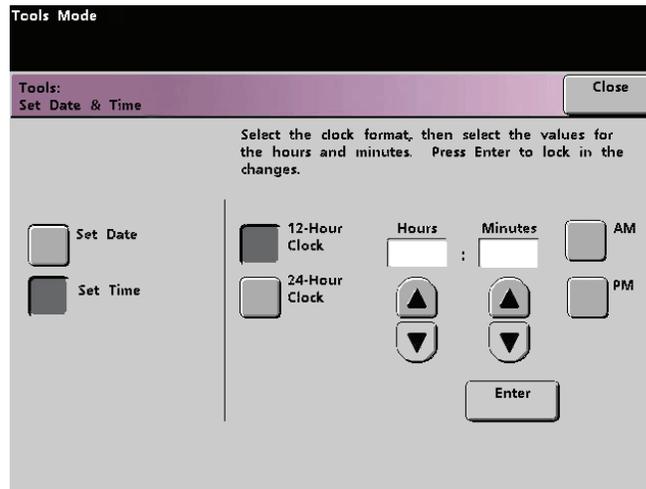
Figure 36. Set Date screen

- 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*

123...

- 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.



*Figure 37. Set Date & Time screen with Set Time button selected*

- 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 DocuColor 6060 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.

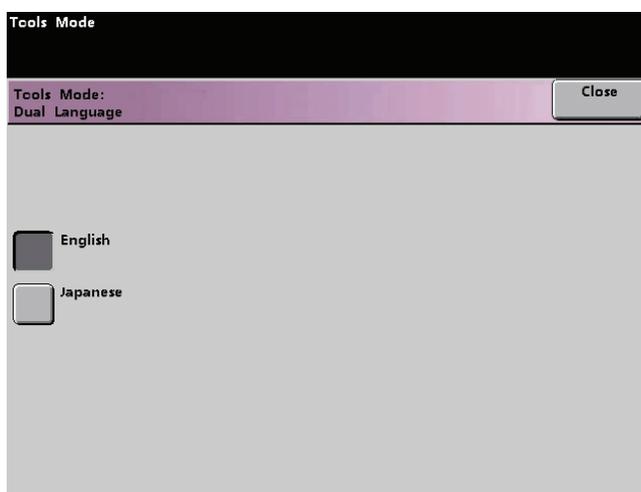
123...

**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.



*Figure 38. Dual Language 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.



**KEY POINT:** 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. The *Non-Standard Paper Size* screen appears.

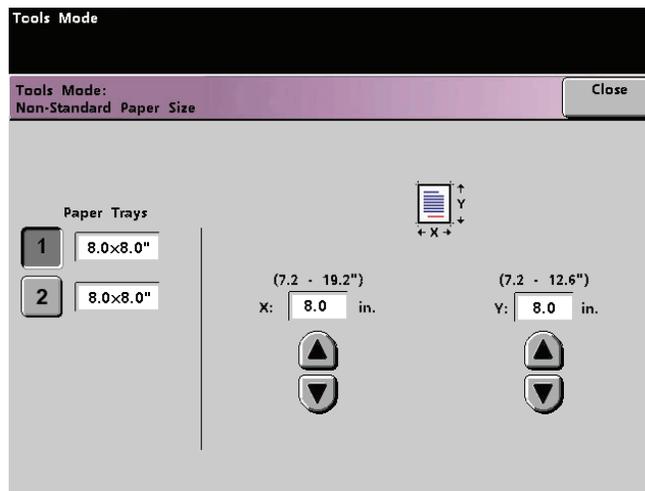


Figure 39. Non-Standard Paper Size screen

- 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.

## D-MAX Setup

---



**KEY POINT:** This feature is designed to achieve higher density of images by producing a higher dry ink/toner concentration. Low density can be caused by other problems, such as poor image transfer, and others. Be certain that the density problem that is occurring is caused by low toner concentration before using this feature.

## D-MAX Color Not Selectable

---

The digital press specifications allow the D-MAX Setup to be run only when the toner concentration is outside an established percentage. You may have a condition where your color server calibration indicates a low density rating for a color, but the D-MAX Setup button for that color is not selectable. This means that the digital press is either operating within specifications or needs to be serviced by a Xerox representative.

In this situation, run a couple of jobs of 50 to 200 prints and calibrate your color server again before determining if you should use this procedure.

There is a system limitation which allows D-MAX Setup to be run only twice within the material life of the developer for each color. The screen buttons then become inactive.



**KEY POINT:** The moisture content of paper, the settings on the paper tray, and paper quality affect the density of images. Be sure the settings are correct and that you are using a Xerox recommended paper. Also, try calibrating using a fresh ream of paper.

*When to Use D-MAX Setup*

D-MAX Setup may be considered for use when the calibration target minus the measurement is within the ranges stated in the table below.



**KEY POINT:** Always calibrate your color server using the correct paper before using D-MAX Setup.

| Target Minus Measurement | Action   |
|--------------------------|--|
| 0 - 0.05                 | The digital press is operating well within specifications. If higher density is required, run D-MAX once. Confirm the results by calibrating the color server again. Do not use D-MAX again even if the measurement is still lower than desired.                                     |
| 0.05 - 0.15              | Run 10 copies of the Pattern Generator when using the Auto Color Calibration procedure.<br><br>Run the D-MAX Setup once. Confirm the results by calibrating the color server again. If the results have improved but still do not meet your expectations, run the D-MAX Setup again. |
| 0.15 and above.          | Run 10 copies of the Pattern Generator when using the Auto Color Calibration procedure.<br><br>Do not use D-MAX Setup. Call for service  |

123...

Use the D-MAX Setup procedure after calibrating your color server and the measurement shows a color is outside the specifications shown in the table on the previous page.

- 1 Touch the **D-MAX Setup** button on the *Machine Defaults 1* screen. The D-MAX screen appears.

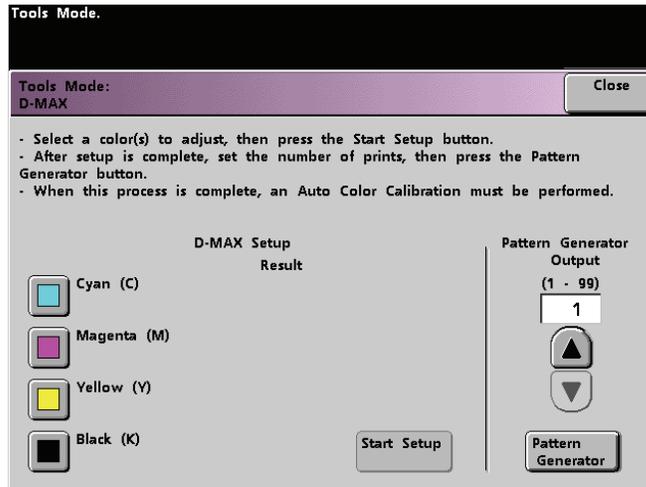
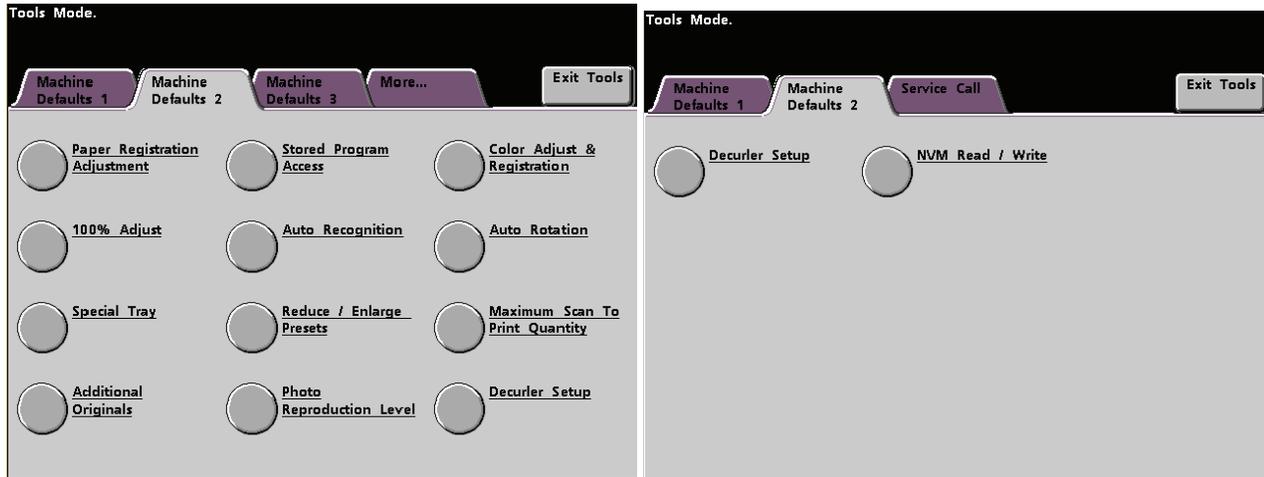


Figure 40. D-MAX Setup screen

- 2 Follow the instructions on the screen to run the setup procedure and print the Pattern Generator sheets. Run 10 copies of the Pattern Generator.
- 3 Touch the **Close** button to return to the *Machine Defaults 1* screen.

## 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.



**Figure 41. Machine Defaults 2 with Scanner**

**Machine Defaults 2 without Scanner**

Use the procedures on the following pages to make default settings for the available features.

## Paper Registration Adjustment

Use the Paper Registration Adjustment feature when running duplex jobs to adjust the image position if the registration is not correct.

Image adjustment may be necessary for a couple of reasons:

- Paper is not always the exact same size. It may vary slightly, with differences of plus or minus 1mm, causing the image to be mis-registered. To reduce the possibility of size differences, it is recommend 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 one and two are the same size, the stretching of the paper will cause the image on side one to be slightly larger than the image on side two.



Some RIP manufacturers have a paper registration feature that you can also use to adjust the position of the image on the paper. Refer to the documentation that came with your RIP.

Use the following procedure to adjust for side one/side two registration problems:



- 1 Prepare the image, or images, by noting a reference point on side one, or by placing registration marks at the image border. You can use a reference point within the image or at the corner of the image.

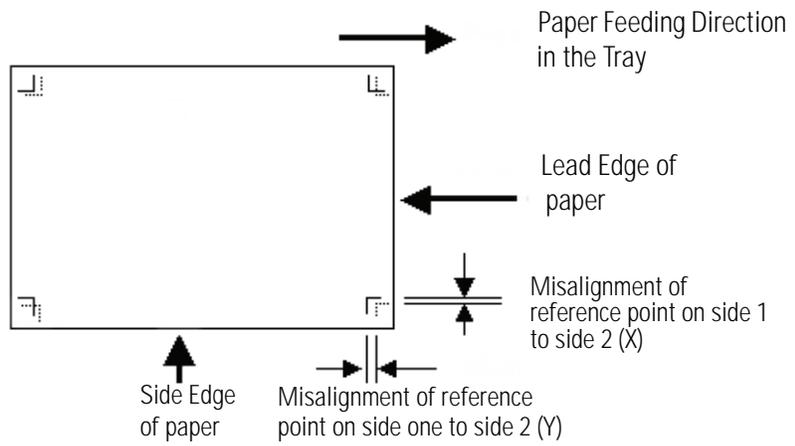


**KEY POINT:** Remember that the digital press does not print bleed edge images.

- 2 Output 10 duplex prints and compare the registration mark or reference point on side one to side two. Discard the first few prints, as inconsistency tends to be greater with these images. If there is mis-registration, continue with this procedure.

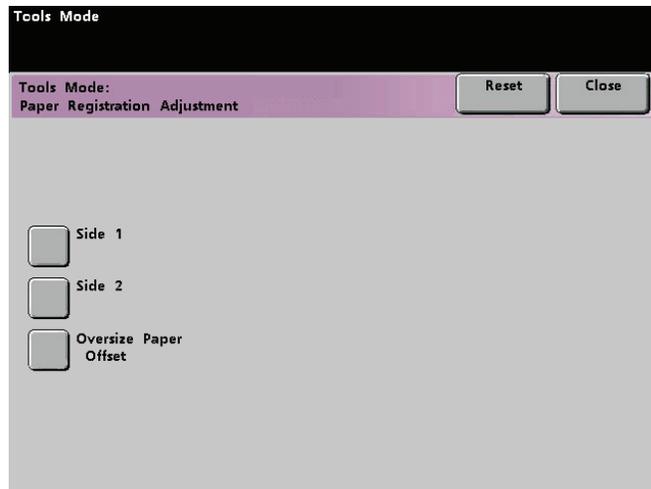
- 3 Measure the distance between the registration point and the edge of the paper on both the lead edge (Y) of the paper and the side edge (X).

Refer to the Measuring Mis-registration figure below. The solid line registration marks indicate the reference point on side one. The dotted lines indicate the reference point on side two.



**Figure 42. Measuring Misregistration**

- 4** Access Tools Mode and touch the **Paper Registration Adjustment** button on the *Machine Defaults 2* screen. The *Paper Registration Adjustment* screen appears.



**Figure 43. Paper Registration Adjustment screen**

- 5 Select either the **Side 1** or **Side 2** button to adjust the registration.



**KEY POINT:** Use the Oversize Paper Offset button only for papers larger than long edge feed, 8.5x11 inch or A4 paper. Refer to Step 8 if using this option.

- 6 On the next screen, select the tray from which the paper is feeding.

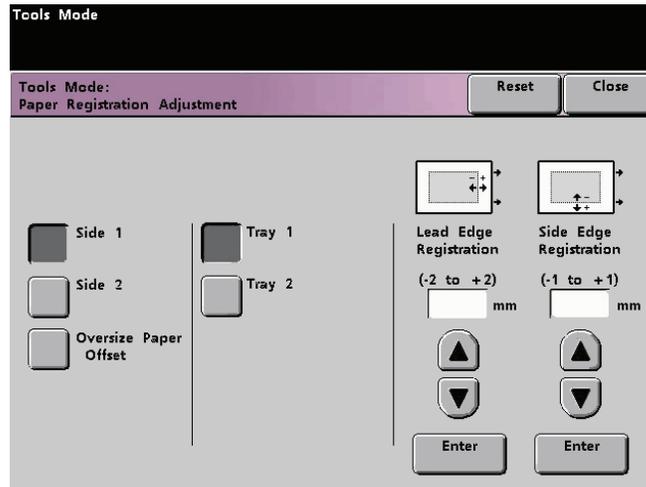


Figure 44. Paper Registration Adjustment screen

- 7 Use the up or down arrow buttons to enter the amount of adjustment for either edge or both edges.

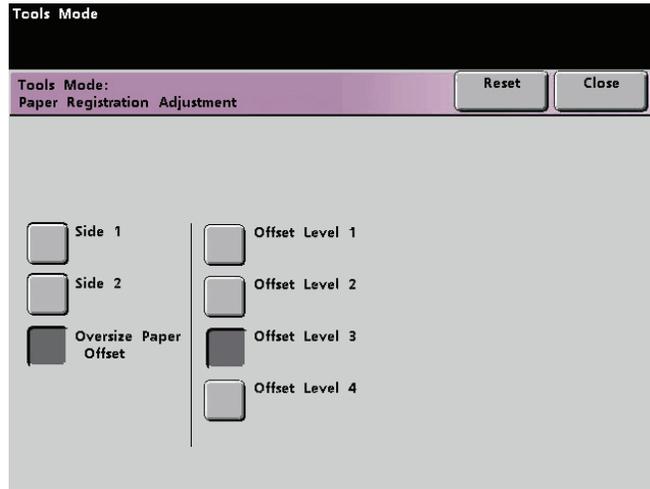


**KEY POINT:** Remember that the Lead Edge Registration adjustment is the feeding edge, or Y direction. The Side Edge Registration adjustment is the front to back, or X, direction.

If the reference point on side two is closer to the edge of the paper compared to the reference point on side one, enter a plus figure. If the reference point on side two is further from the edge of the paper compared to side one, enter a minus figure.

EXAMPLE: If the measurement is 1.2mm closer to the edge of the paper, enter +1.2mm.

- 8** If you selected the **Oversize Paper Offset** button to adjust the registration on paper larger than 8.5x11 inch or A4 LEF, the following screen appears.



*Figure 45. Paper Registration Adjustment screen*

- 9** 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.

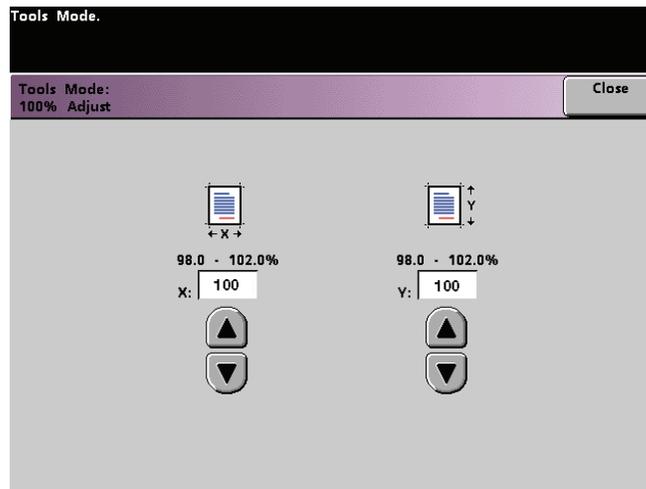
| Paper Size | Level 1 | Level 2 | Level 3 | Level 4 |
|------------|---------|---------|---------|---------|
| 310mm      | 10.0mm  | 10.0mm  | 10.0mm  | 10.0mm  |
| 311mm      | 9.5mm   | 9.5mm   | 9.5mm   | 9.5mm   |
| 312mm      | 9.0mm   | 9.0mm   | 9.0mm   | 9.0mm   |
| 313mm      | 8.5mm   | 8.5mm   | 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   |
| 319mm      | 5.5mm   | 6.0mm   | 7.0mm   | 8.0mm   |
| 320mm      | 5.0mm   | 6.0mm   | 7.0mm   | 8.0mm   |

## 100% Adjust

Use the 100% Adjust feature to fine tune the 100% magnification value on your digital press. The available adjustment range is from 98.0% to 102.0%.

123...

- 1 Touch the **100% Adjust** button on the *Machine Defaults 2* screen. The 100% Adjust screen appears.



*Figure 46. 100% Adjust screen*

- 2 Use the up or down arrow buttons to set the desired percentage for the x value. The available range is 98.0% to 102.0%.
- 3 Use the up or down arrow buttons to set the desired percentage for the y value. The available range is 98.0% to 102.0%.
- 4 Touch the **Close** button to return to the *Machine Defaults 2* screen.

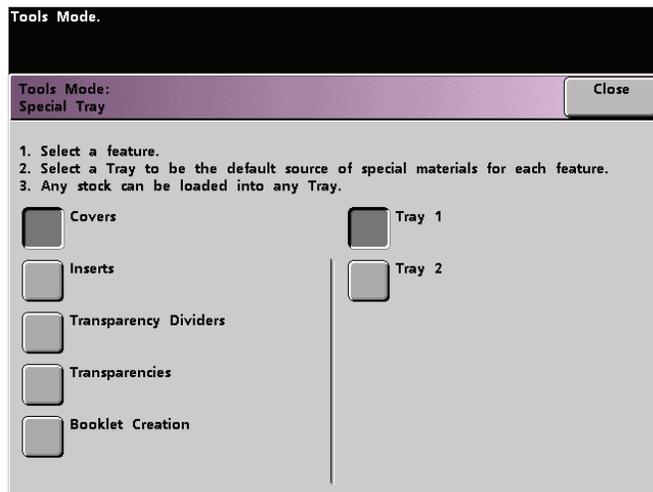
## Special Tray

Use the Special Tray feature to select a default tray that holds the following materials:

- Covers
- Inserts
- Transparency Dividers
- Transparencies
- Booklet Creation

123...

- 1 Touch the **Special Tray** button on the *Machine Defaults 2* screen. The *Special Tray* screen appears.



*Figure 47. Special Tray screen*

- 2 Select the material to be loaded into the tray, then select the tray. Tray 2 is the default tray for transparencies, but any tray can be used.
- 3 Touch the **Close** button to return to the *Machine Defaults 2* screen.

## Additional Originals

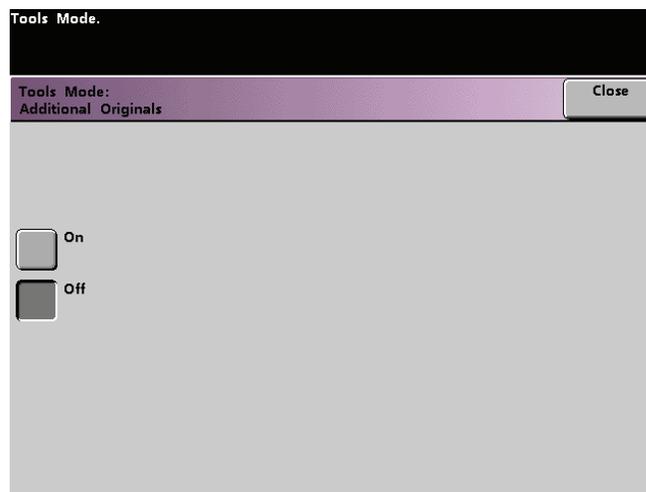
Use the Additional Originals feature to scan, into one job, documents that have different programming requirements, or documents that must be scanned from different input areas. The original documents may be scanned using the Platen Glass, the DADF, or a combination of both.

The following are examples of jobs that require the use of Additional Originals:

- The job contains too many pages to be placed on the document handler at one time.
- The job contains documents that must be programmed separately for any of the following reasons:
  - The input documents are of different sizes, types, or color settings.
  - The output requires different size, type, or color stocks.
  - There are image quality requirements on some pages.

123...

- 1 Touch the **Additional Originals** button on the *Machine Defaults 2* screen. The *Additional Originals* screen appears.



*Figure 48. Additional Originals screen*

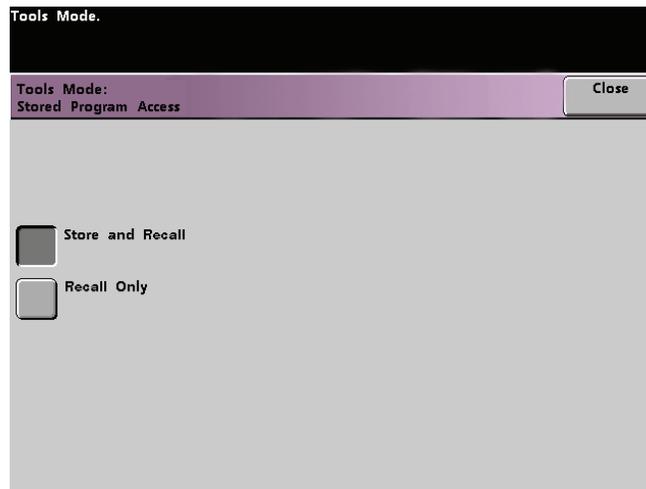
- 2 Touch the **On** or **Off** button.
- 3 Touch the **Close** button to return to the *Machine Defaults 2* screen.

## Stored Program Access

Use the Stored Program Access feature to specify whether you want users to be able to store and recall jobs, or to just recall jobs.

123...

- 1 Touch the **Stored Program Access** button on the *Machine Defaults 2* screen. The *Stored Program Access* screen appears.



*Figure 49. Stored Program Access screen*

- 2 Touch the button for **Store and Recall** or **Recall Only**.
- 3 Touch the **Close** button to return to the *Machine Defaults 2* screen.

## Auto Recognition

The Auto Recognition feature allows you to define the range for recognition between Text: Photo and Black & White: Color content in a scanned original by setting the default to favor the type of documents that are scanned most frequently. Each option allows you to select from five levels of discrimination, which are described in the following table.

| Content Type         | Levels  |
|----------------------|---|
| Text: Photo          | Level 5: Use this setting when scanned originals contain more Photo than Text   |
|                      | Level 3: Use this setting when scanned originals contain equal amounts of Text and Photo  |
|                      | Level 1: Use this setting when scanned originals contain more Text than Photo   |
| Black & White: Color | Level 5: Use this setting if you wish the digital press to discriminate more toward Color than Black & White scan-to-print images.    |
|                      | Level 3: Use this setting if you wish the digital press to discriminate equally between Color and Black & White scan-to-print images. |
|                      | Level 1: Use this setting if you wish the digital press to discriminate more toward Black & White than Color scan-to-print images.    |

123...

- 1 Touch the **Auto Recognition** button on the *Machine Defaults 2* screen. The *Auto Recognition* screen appears.

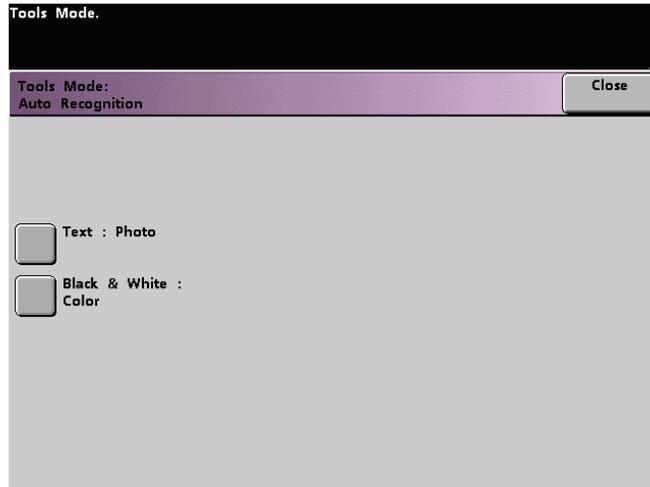


Figure 50. Auto Recognition screen

- 2 Touch the **Text: Photo** or **Black & White: Color** button. Auto Photo & Text levels appear to the right of the Auto Recognition screen.

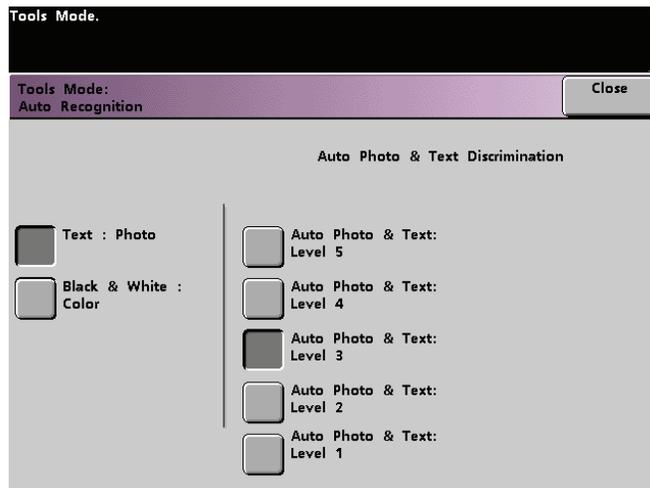
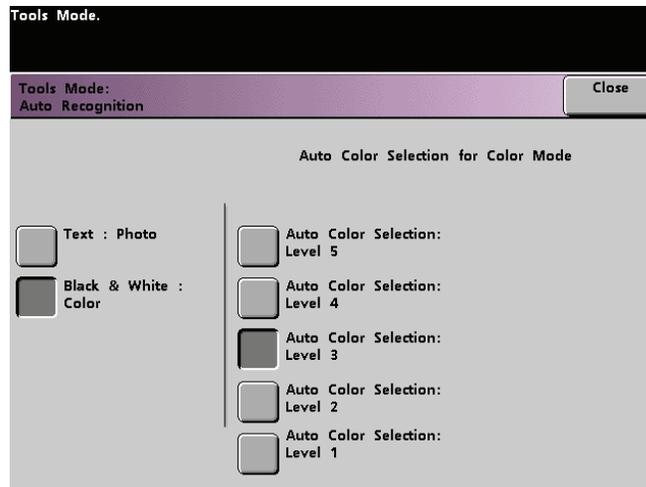


Figure 51. Text: Photo screen



*Figure 52. Black & White: Color screen*

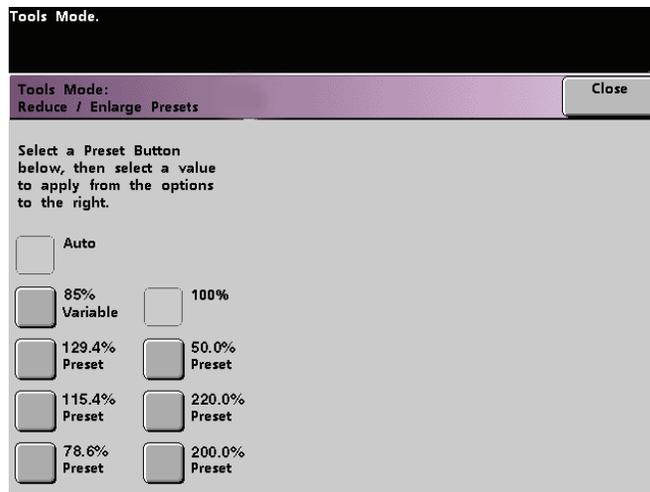
- 3** Touch the button for the desired level on the popup screen. The available levels are 1 to 5.
- 4** Touch the **Close** button to return to the *Machine Defaults 2* screen.

*Reduce/Enlarge Presets*

Use the Reduce/Enlarge Presets feature to change the factory set default for the preset reduce and enlarge percentages that are available for the Reduce/Enlarge feature. The percentage can be changed to one of the available fixed magnifications, or you can change the variable preset percentage to whatever percentage between 25% and 400% you desire.

123...

- 1 Touch the **Reduce/Enlarge Presets** button on the *Machine Defaults 2* screen. The *Reduce/Enlarge Presets* screen appears.



*Figure 53. Reduce/Enlarge Presets screen*

- 2 Touch the button for the desired **Preset** percentage. Preset values appear on the *Reduce/Enlarge Presets* screen.

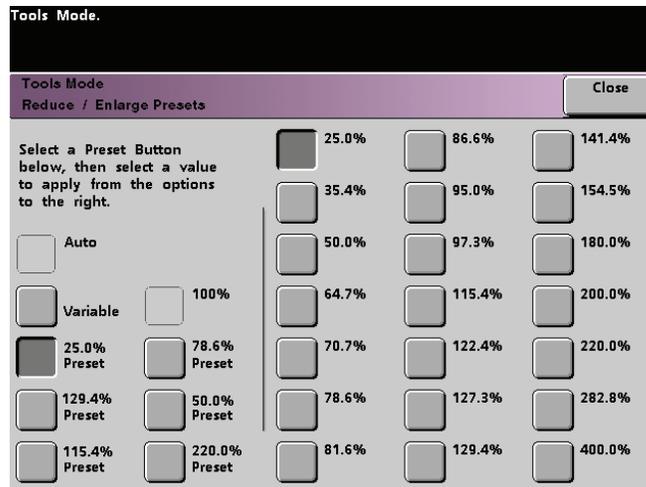


Figure 54. Preset Percentages screen

To change the preset value shown on these buttons, touch the desired fixed percentage button from the above screen.

- 3 If you select the **Variable** preset, use the up or down arrow buttons, shown on the popup screen on the next page, to enter the desired percent value. The available range is 25% to 400%.

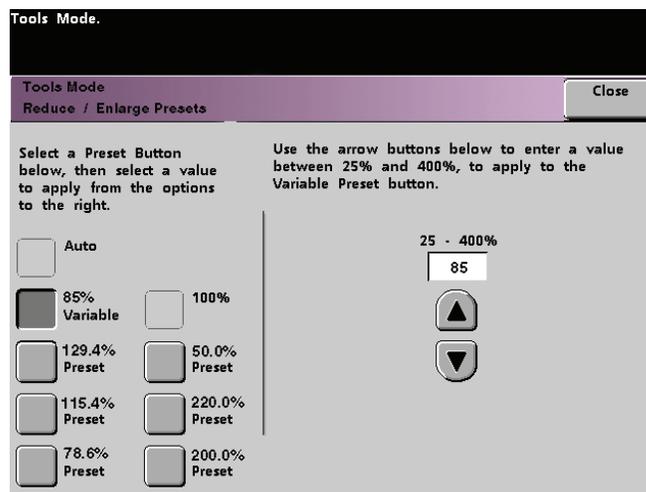


Figure 55. Variable Preset Screen

- 4 Touch the **Close** button to return to the *Machine Defaults 2* screen.



**NOTE:** The percentages shown on the above screen may vary depending on your market area.

*Photo Reproduction Level*

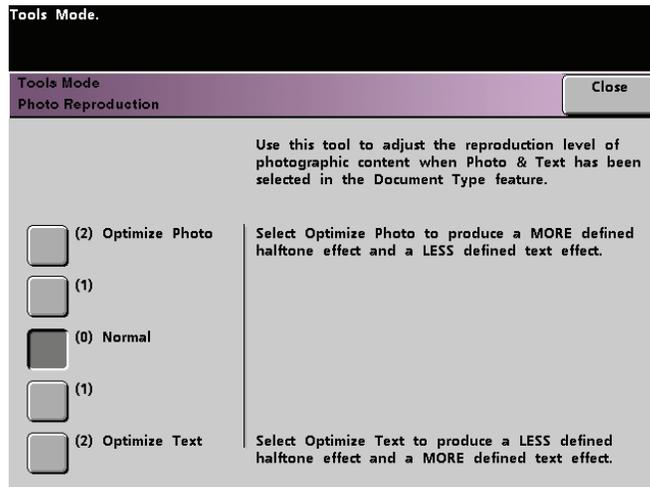
Use the Photo Reproduction Level feature to adjust the reproduction level on your digital press. Each reproduction level varies in the definition of halftone effect and text effect. Select a default level that represents the type of image that is most frequently scanned.

**Optimize Photo** adjusts for a more defined halftone effect and a less defined text effect.

**Optimize Text** adjusts for a less defined halftone effect and a more defined text effect.



- 1** Touch the **Photo Reproduction Level** button on the *Machine Defaults 2* screen. The *Photo Reproduction* screen appears.



*Figure 56. Photo Reproduction screen*

- 2** Touch the button for the desired reproduction level.
- 3** Touch the **Close** button to return to the *Machine Defaults 2* screen.

## Color Adjust & Registration

The Color Adjust & Registration feature allows you to define the 29 default colors that are available on the *Basic Features* screen, in the Single Color Option. The color selection available on the *Single Color Palette* screen can be changed by adjusting the density of Cyan, Magenta, and Yellow. The table below lists the factory default settings for each color. They are organized according to the order in which the buttons appear on the *Color Adjust & Registration* screen.

| Color No. | C  | M   | Y   | Color No. | C   | M  | Y   | Color No. | C  | M  | Y  | Color No. | C  | M   | Y  |
|-----------|----|-----|-----|-----------|-----|----|-----|-----------|----|----|----|-----------|----|-----|----|
| 1         | 0  | 0   | 10  | 9         | 100 | 51 | 0   | 17        | 51 | 14 | 34 | 25        | 3  | 64  | 58 |
| 2         | 2  | 48  | 100 | 10        | 100 | 32 | 22  | 18        | 6  | 3  | 20 | 26        | 30 | 32  | 0  |
| 3         | 0  | 100 | 63  | 11        | 100 | 6  | 54  | 19        | 20 | 34 | 12 | 27        | 49 | 21  | 8  |
| 4         | 6  | 100 | 0   | 12        | 83  | 0  | 100 | 20        | 0  | 0  | 0  | 28        | 37 | 22  | 0  |
| 5         | 27 | 100 | 0   | 13        | 49  | 4  | 100 | 21        | 34 | 5  | 0  | 29        | 65 | 100 | 21 |
| 6         | 50 | 80  | 0   | 14        | 15  | 8  | 100 | 22        | 30 | 3  | 27 |           |    |     |    |
| 7         | 59 | 70  | 0   | 15        | 99  | 50 | 99  | 23        | 2  | 35 | 23 |           |    |     |    |
| 8         | 70 | 62  | 13  | 16        | 14  | 3  | 15  | 24        | 32 | 34 | 5  |           |    |     |    |

123...

- 1 Touch the **Color Adjust & Registration** button on the *Machine Defaults 2* screen. The Color Adjust & Registration screen appears.

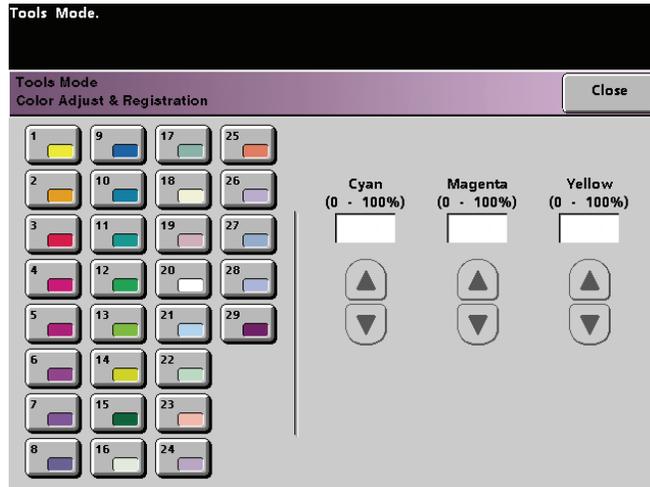


Figure 57. Color Adjust & Registration screen

- 2 Touch the desired color button to display the default setting.
- 3 Use the up or down arrow buttons to adjust the values for Cyan, Magenta, and Yellow. The available range is 0 to 100%.
- 4 Touch the **Close** button to return to the *Machine Defaults 2* screen.

## Auto Rotation

The Auto Rotation feature allows you to turn on automatic rotation. Auto Rotation rotates the original image so it is in the same orientation as the selected output paper. This feature, if it is turned on, is useful in correcting any inconsistencies in image orientation. The following options are available on this screen:

*Details* - select the paper selection method:

- Auto Paper Selection (APS) & Auto R/E (Reduce/Enlarge)
- APS & Tray Select & Auto R/E

*Confirm Settings* - confirm the settings you have chosen.

- Auto R/E - You are prompted to confirm the rotation if Auto% is selected under Reduce/Enlarge on the *Basic Features* screen.
- Tray Select - You are prompted to confirm the rotation if you have selected a specific paper tray on the *Basic Features* screen. This appears on the *Auto Rotation* screen only if you have selected APS & Tray Select & Auto R/E.

123...

- 1 Touch the **Auto Rotation** button on the *Machine Defaults 2* screen. The *Auto Rotation* screen appears.

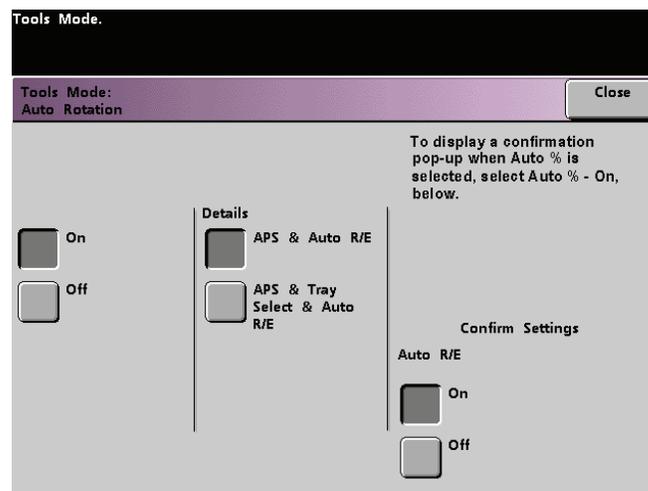


Figure 58. Auto Rotation screen

- 2 Touch the **On** or **Off** button.

- 3 If you selected **On**, touch the button for either **APS & Auto R/E** or **APS & Tray Select & Auto R/E** on the popup screen. See the screen above for the *Auto Rotation screen* with APS & Auto R/E screen button selected. See the screen below for the *Auto Rotation screen* with APS & Tray Select & Auto R/E selected.

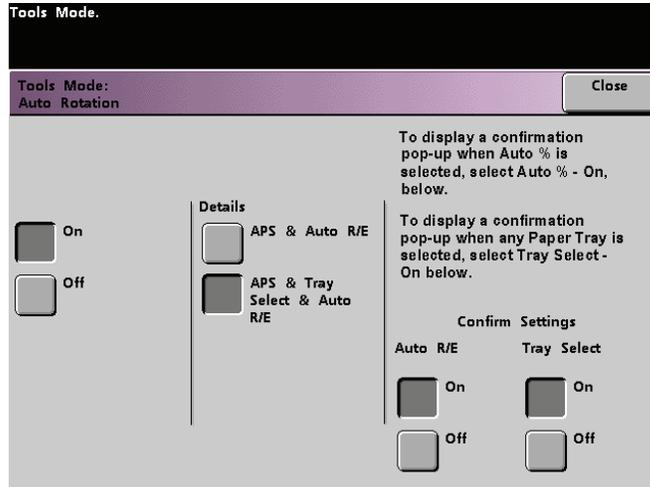


Figure 59. APS & Tray Select & Auto R/E screen

- 4 Touch the **On** or **Off** button in the lower-right corner of the screen to confirm your settings for either selection.
- 5 Touch the **Close** button to return to the *Machine Defaults 2* screen.

## Maximum Scan to Print Quantity

Use the Maximum Scan to Print Quantity feature to set a limit on the number of copies that can be run for a single scan-to-print job.

123...

- 1 Touch the **Maximum Scan to Print Quantity** button on the *Machine Defaults 2* screen. The Maximum Scan to Print Quantity screen appears.

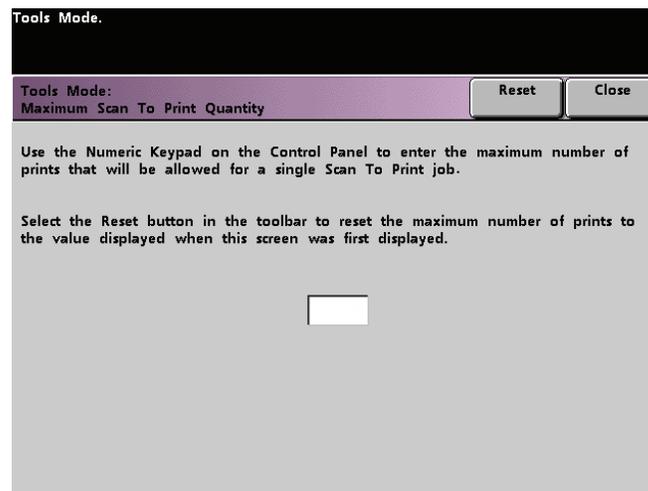


Figure 60. Maximum Scan to Print Quantity screen

- 2 Use the numeric keypad to enter the desired maximum number of prints. 9999 is the maximum value that can be set.
- 3 To return the value to its last saved value, touch the **Reset** button.
- 4 Touch the **Close** button to return to the *Machine Defaults 2* screen.

## *Decurler Setup*

---

Use the Decurler Setup feature to compensate for paper curl in your prints.

Paper curl is caused by many variables:

- The manufacturer's brand of paper and the manufacturing lot.
- The weight of the paper, and if 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.
- The atmospheric conditions of the room where the paper is stored.
- The atmospheric conditions of the room where the digital press is located.
- The heat generated during the fusing processes.

The DocuColor 6060 is equipped with an automatic curl control system that uses the variables listed above to determine the amount of pressure needed at different Decurlers to reduce the curl.



**KEY POINT:** If you notice that output prints have too much curl, first try flipping over the stack of paper in the paper tray being used. You can also try running the job from a different tray. If curl is still a problem, refer to the tables below for your market area to change the default Decurler settings.

## *Decurler Specifications*

---

The Decurler has both top and bottom adjustment arms that apply pressure to the paper based on the selections made on the Decurler Setup screen. The degree of pressure is applied independently to the top and bottom Decurler arms.

### Decurler Settings A through D

Variability from one lot of paper to another may require selecting a different Decurler setting.

The default Decurler settings for Type A through Type D are shown in the following table. These pre-set parameters refer to how particular papers interact with the DocuColor 6060 decurling system.

| All Trays<br>Paper Weights |          | Western<br>Hemisphere<br>Paper Type | Eastern Hemisphere<br>Paper Type |
|----------------------------|----------|-------------------------------------|----------------------------------|
| 64 - 80 g/m <sup>2</sup>   | Coated   | A                                   | B                                |
|                            | Uncoated | A                                   | B                                |
| 81 - 105 g/m <sup>2</sup>  | Coated   | B                                   | B                                |
|                            | Uncoated | D                                   | D                                |
| 106 - 135 g/m <sup>2</sup> | Coated   | A                                   | A                                |
|                            | Uncoated | B                                   | B                                |
| 136 - 150 g/m <sup>2</sup> | Coated   | A                                   | A                                |
|                            | Uncoated | A                                   | A                                |
| 151 - 220 g/m <sup>2</sup> | Coated   | A                                   | A                                |
|                            | Uncoated | A                                   | A                                |
| 221 - 280 g/m <sup>2</sup> | Coated   | A                                   | A                                |
|                            | Uncoated | A                                   | A                                |

TOOLS MODE

### Decurler Settings E1 through E6

To use settings E1 through E6, you must first measure the amount of curl. Retrieve a sheet of paper as soon as it exits the digital press. Lay the sheet with the curl up on a flat surface. Refer to the illustration in the following figure.

Measure the height in millimeters at each of the four corners.



Figure 61. Measuring curl

### Calculating curl

Measure the height in millimeters at the four corners of the sheet. Add the numbers, then divide by four to get an average.

**Simplex, Face Up**

Record curl **toward** the imaged side of the sheet as a **positive** number (+).

Record curl **away** from the imaged side of the sheet as a **negative** number (-).

**Simplex, Face Down**

Record curl **toward** the imaged side of the sheet as a negative number (-).

Record curl **away** from the imaged side of the sheet as a positive number (+).

**Duplex (two sided)**

Record curl **toward** side 2 of the sheet as a **positive** number (+).

Record curl **toward** side 1 of the sheet as a **negative** number (-).

| Average Curl   | Decurler Setting |
|----------------|------------------|
| 24mm or more   | E1               |
| +24mm to +10mm | E2               |
| +10mm to 0mm   | E3               |
| 0mm to -10mm   | E4               |
| -10mm to -24mm | E5               |
| -24mm or more  | E6               |

123...

- 1 Load the Paper Tray with the paper you wish to use for a job. Make the correct paper weight selections on the tray for the paper being used and run a few test prints. If there is too much curl, continue with step 2.
- 2 On the *Machine Defaults 2* screen, touch the **Decurler Setup** button. The *Decurler Setup* screen appears.

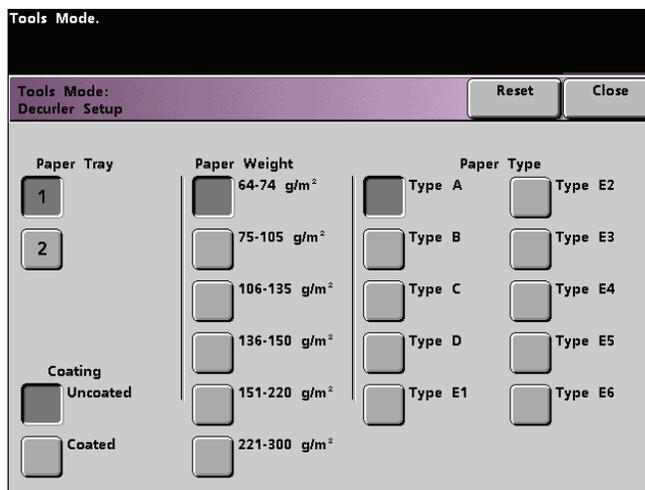
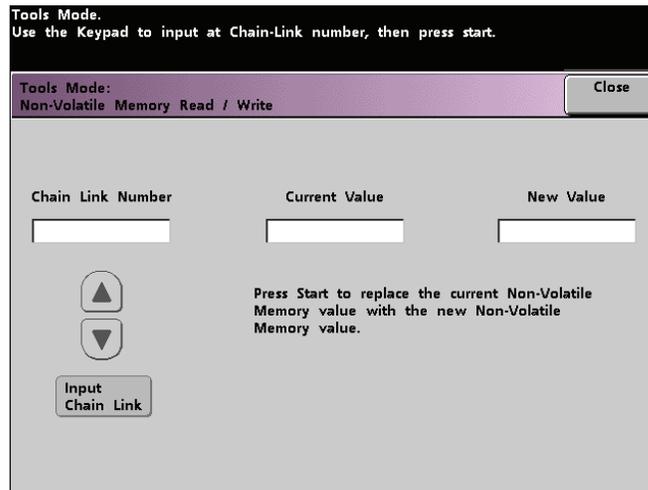


Figure 62. Decurler Setup screen

- 3 Tray 1 is the default tray. The Paper Weight range selected on the front of the tray is automatically selected in the Paper Weight column. The default Paper Type is also selected. Touch the buttons to change the settings.
- 4 Touch the **Close** button to save your selections and return to the *Machine Defaults 2* screen. Exit the Tools Mode and run a few test prints to determine if the curl was reduced to a satisfactory level.  
If curl is still excessive, access the Tools Mode again and try another Paper Type setting. If you are not successful in reducing the curl, call your Xerox service representative.
- 5 Touch the **Reset** button on the *Decurler Setup* screen to return to the settings established when you first accessed the screen.

*NVM Read/Write*

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



*Figure 63. NVM Read/Write screen*

## Carbonless Media Enablement

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:

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 in order to reliably run carbonless media.



**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.*

123...

Use the following procedure to switch on the feature:

- 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 Carbonless Media is **700 920**.
- 2 After entering the desired Chain Link Number, press the **Start** button on the Control Panel. The UI displays this screen:

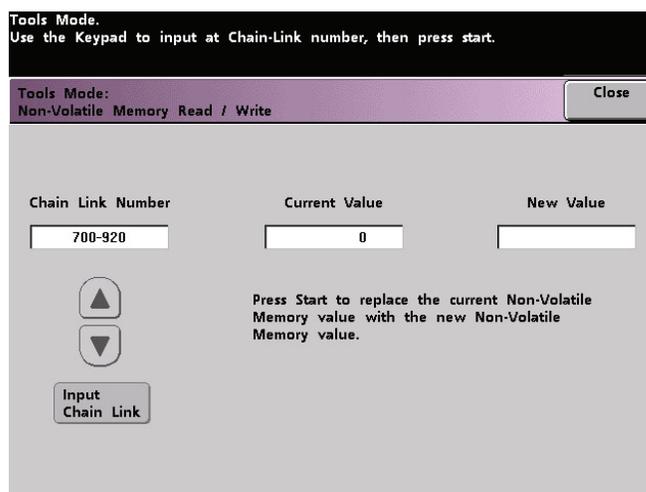


Figure 64. Entering the Chain Link Number

- 3 To switch **on** the carbonless media feature, press the **1** button on the Control Panel keypad. The UI displays the following:

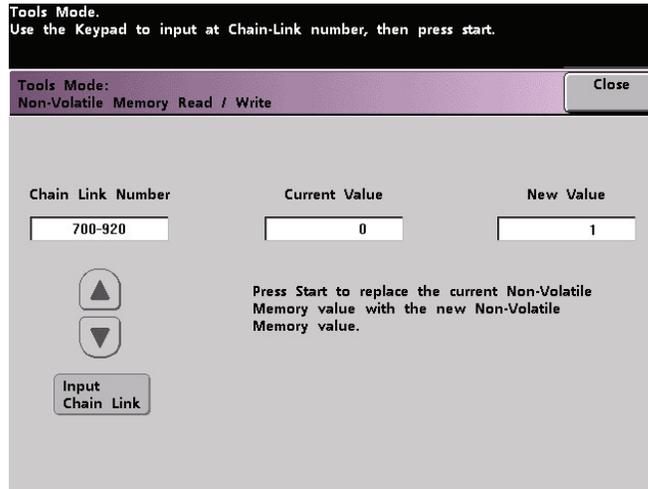


Figure 65. Entering the New Value

- 4 After entering the New Value number of **1**, press the **Start** button. The UI displays the following screen:

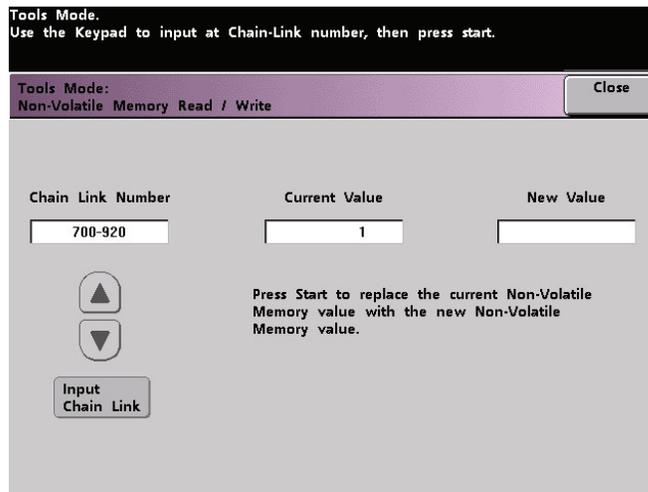


Figure 66. Displaying the New Current Value

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

- 6 Exit Tools Mode and run your print job.



**KEY POINT:** After running your print job, reenter Tools Mode, NVM Read/Write, and switch off the feature. Follow the above steps and use the following setting for the New Value number: To **switch off** the Carbonless Media Enablement feature, enter **0**.

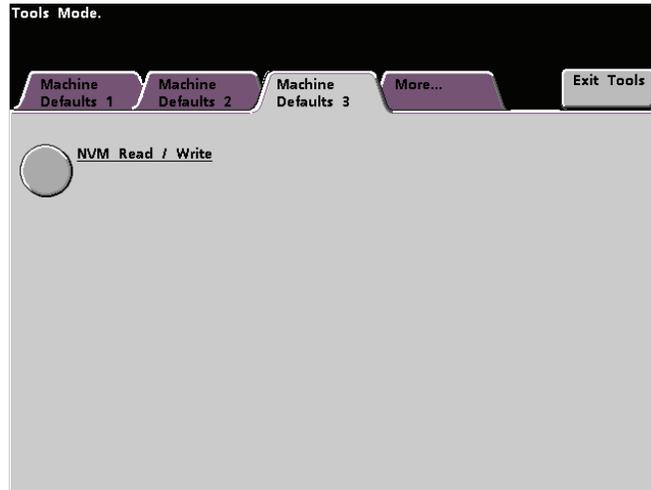
**KEY POINT:** *To prevent paper jams from occurring with stock types other than the carbonless media, you **must switch off** the NVM Read/Write feature **before** running other print jobs.*

## Machine Defaults 3

This screen displays only when a Scanner is connected to the digital press.



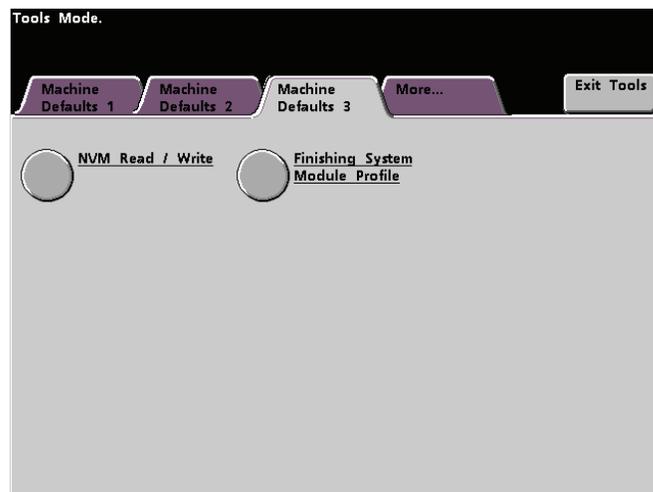
**Refer to the NVM Read/Write section (under the Machine Defaults 2 tab) located earlier in this chapter.**



*Figure 67. Machine Defaults 3 screen*

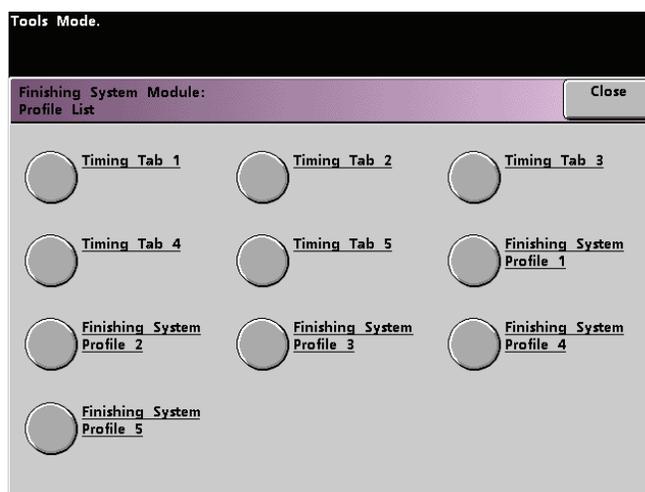
## DFA Device

If your digital press has a Digital Finishing Architecture (DFA) device, connected, enabled, and powered on, the Machine Defaults 3 tab will show another option entitled “Finishing System Module Profile”.



*Figure 68. Machine Defaults 3 with DFA Device*

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



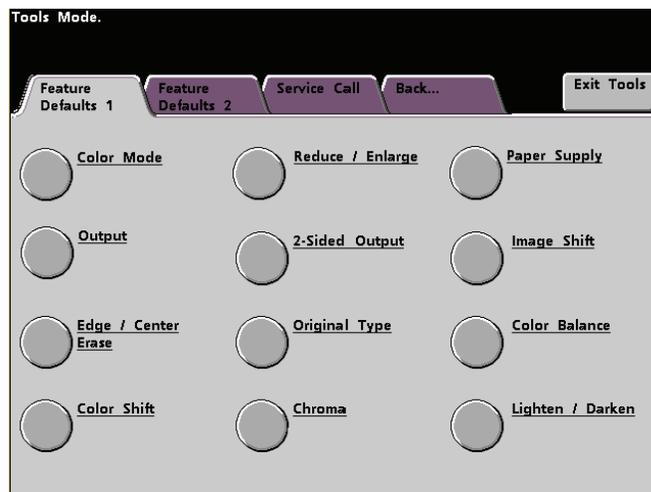
*Figure 69. Profile List*

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 color server connected to your digital press.

## Feature Defaults 1

This section describes the features available on the *Feature Defaults 1* screen. You can access the following features:

- Color Mode
- Output
- Edge/Center Erase
- Color Shift
- Reduce/Enlarge
- 2-Sided Output
- Original Type
- Chroma
- Paper Supply
- Image Shift
- Color Balance
- Lighten/Darken



*Figure 70. Feature Defaults 1 screen*

## Color Mode

The Color Mode feature allows you to set the default on the *Basic Features* screen to Auto, Full Color (using Black, Yellow, Cyan, and Magenta), 3 Pass Color (using Yellow, Cyan, and Magenta), or Black. Selecting Auto enables the digital press to determine the color mode to use based on its scan of the original document.

123...

- 1 Touch the **More...** tab in the *Tools Mode* screen.
- 2 Touch the **Feature Defaults 1** tab.
- 3 Touch the **Color Mode** button. The *Color Mode* screen appears.

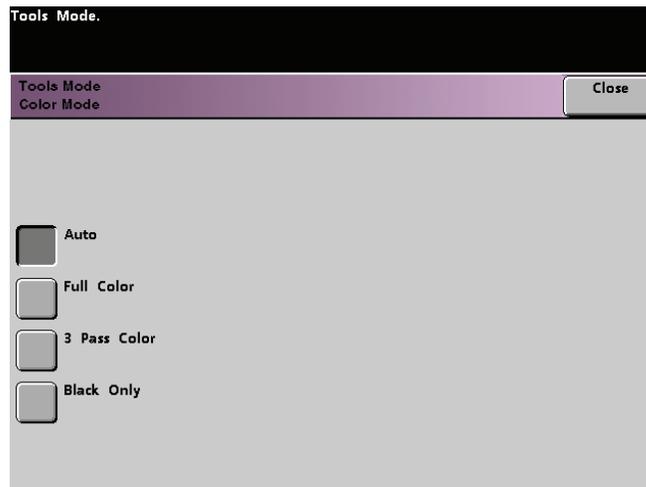


Figure 71. Color Mode screen

- 4 Touch the **Auto**, **Full Color**, **3 Pass Color**, or **Black** button.
- 5 Touch the **Close** button to return to the *Feature Defaults 1* screen.

## Output

---



**KEY POINT:** The default settings available in this feature are available only if you have an optional scanner installed.

The Output feature allows you to set the default settings for the Offset Catch Tray or another finishing device connected to the digital press. These default settings display on the screen that appears when you touch the Settings button in the Output section of the *Basic Features* screen.

You may select Auto, Face Up, Face Down, Collated, or Uncollated for the Offset Catch Tray. More options are available with different finishing devices. Selecting Auto enables the digital press to determine the copy output based on the scan of the original document. If Auto is selected, the output from both DADF and the Scanner Glass will be Face Up.

If you have a High Capacity Stacker or a High Capacity Stacker Stapler connected to your digital press, you can select which output tray to send your prints to, and whether or not to separate your printed sets. You may choose these options independently.

This section provides instructions for using the Output feature with the Offset Catch Tray, with a Stacker, with a Stacker Stapler, and with two Stackers connected.

## Offset Catch Tray

123...

- 1 Touch the **Output** button on the *Feature Defaults 1* screen. The *Output* screen for the Offset Catch Tray appears. Touch the **Settings** button to display the *Offset Catch Tray Settings* screen.

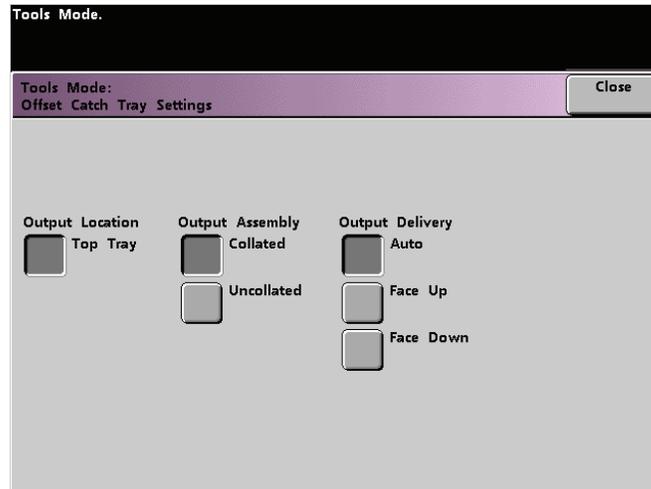


Figure 72. Offset Catch Tray Settings screen

- 2 Touch the **Collate** or **Uncollated** button.
- 3 Touch the **Auto**, **Face Up**, or **Face Down** button.
- 4 Touch the **Close** button to return to the *Feature Defaults 1* screen.

## Stacker Settings

123...

- 1 Touch the **Output** button on the *Feature Defaults 1* screen. The *Output* screen for the Stacker appears. Touch the **Settings** button to display the *Stacker Settings* screen.

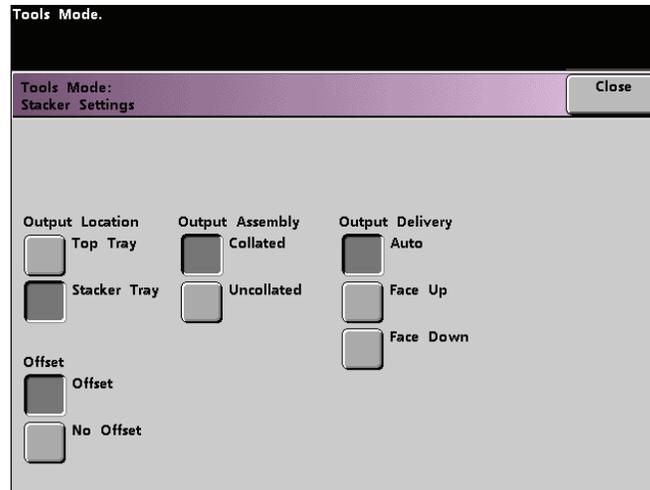


Figure 73. Stacker Settings screen

- 2 Touch the desired button to make default settings for the Output Location, Offset choice, Collation and Output Delivery options.  
The Offset options are available only when the Stacker Tray is selected.
- 3 Touch the **Close** button to return to the *Feature Defaults 1* screen.

## Two Stackers Settings

If you have two high capacity Stackers connected to the digital press, you can set the default for which stacker to run jobs to first. You can also enable automatic output switching by selecting the Both Stackers button.

When automatic output switching is enabled, you can have the output automatically switch to the other stacker while you unload the stacker being used.

123...

- 1 Touch the **Output** button on the *Feature Defaults 1* screen. The *Output* screen appears.

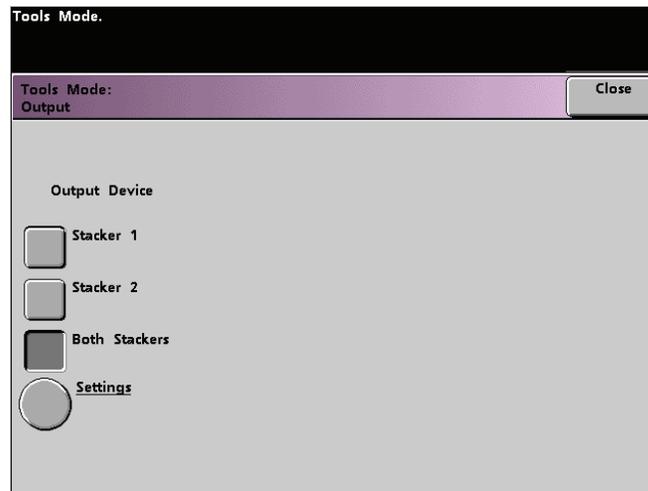


Figure 74. Output screen for Two Stackers

- 2 Select either the **Stacker 1**, **Stacker 2**, or **Both Stackers** button.

- 3 Touch the Settings button. The *Output Stackers Settings* screen appears.

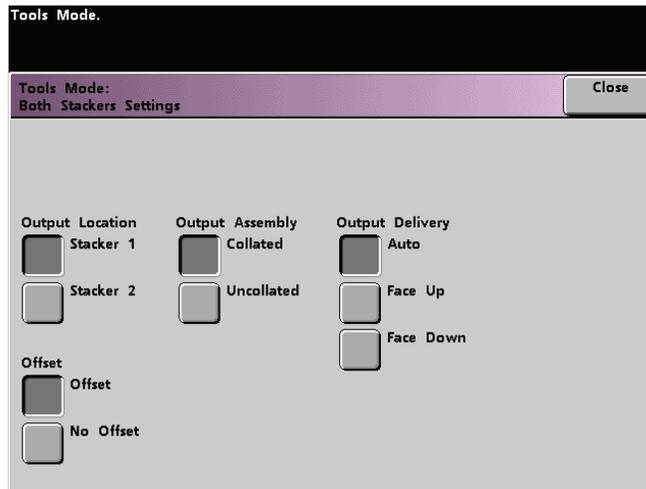


Figure 75. *Output Stackers Settings* screen

- 4 Touch the **Stacker 1** button to have jobs sent to the first stacker connected to the digital press, then the second stacker. Touch the **Stacker 2** button to send jobs to the second stacker first.
- 5 With the **Stacker 1** button selected, touch the buttons to set the defaults for the Offset choice, Collation and Output Delivery. Repeat with the **Stacker 2** button selected.
- 6 Touch the **Close** button to return to the *Feature Defaults 1* screen.

## Stacker/Stapler Settings

123...

- 1 Touch the **Output** button on the *Feature Defaults 1* screen. The *Output* screen for the Stacker/Stapler appears. Touch the **Settings** button to display the *Stacker/Stapler Settings* screen.

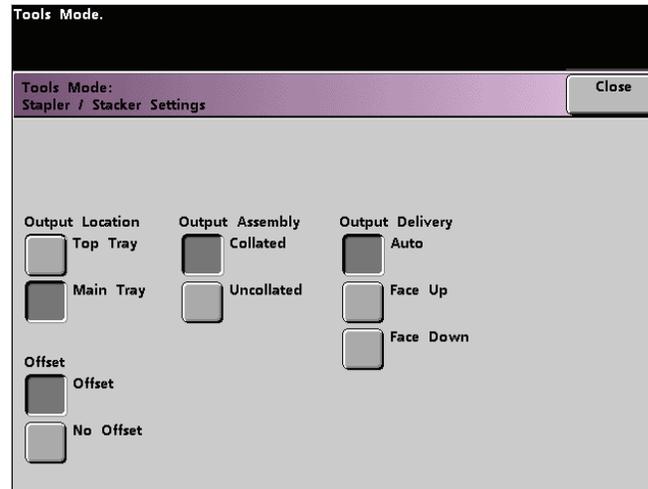


Figure 76. Stacker Stapler Settings screen

- 2 The Offset options display only if the Main Tray is selected. Select the **Output Location** and an **Offset** choice.
- 3 Touch the **Collate** or **Uncollated** button.
- 4 Touch the **Auto**, **Face Up**, or **Face Down** button.
- 5 Touch the **Close** button to return to the *Feature Defaults 1* screen.

## Edge/Center Erase

This feature allows you to set the default values for the Border Erase and the Edge Center Erase options, or to turn off Edge Erase. When you are making 2-sided copies, Edge Erase is applied to both sides of the output.

### Turning Off Edge Erase

123...

- 1 Touch the **More...** tab in the Tools Mode screen.
- 2 Touch the **Feature Defaults 1** tab.
- 3 Touch the **Edge/Center Erase** button. The *Edge Center Erase* screen appears.

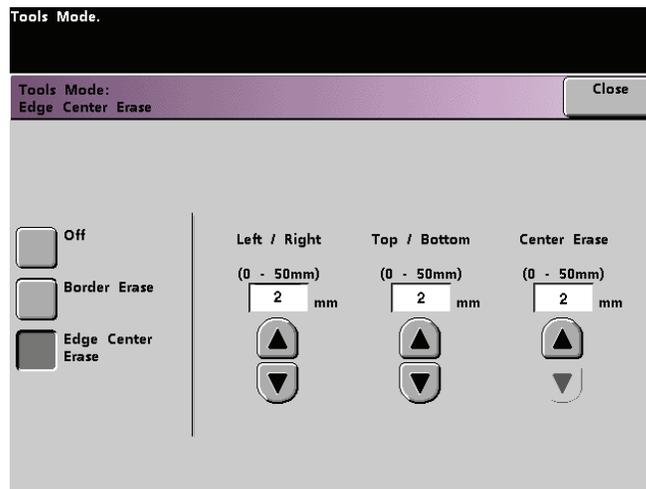


Figure 77. Edge Center Erase screen

- 4 Touch the **Off** button.
- 5 Touch the Close button to return to the *Feature Defaults 1* screen.

## Border Erase

The Border Erase feature allows you to select the desired amount of the image to be erased on all four edges of the scan-to-print output. Erasing borders eliminates the shadows that are caused by the document edges during the scanning process.

123...

- 1 Touch the **More...** tab in the Tools Mode screen.
- 2 Touch the **Feature Defaults 1** tab.
- 3 Touch the **Edge/Center Erase** button. The *Edge Center Erase* screen appears.
- 4 Touch the **Border Erase** button. Border Erase options appear on the right side of the screen.

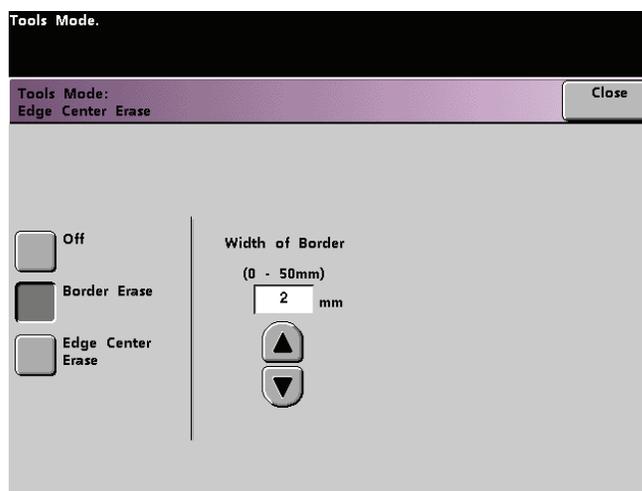


Figure 78. Border Erase screen

- 5 Use the up or down arrow buttons to select the desired amount of image to be erased on the borders of the print. The range available is 0 to 50mm.
- 6 Touch the **Close** button to return to the *Feature Defaults 1* screen.

## Edge Center Erase

The *Edge Center Erase* feature allows you to independently select the amount of the image you want to erase from the edges of the document. Users who do not want to select Edge Erase values for all four edges of their document at the same time are able to select the Left/Right and Top/Bottom values independently of each other. The Center Erase option allows you to select the desired amount of the image to be erased from the Center of the document. This is useful for erasing the shadows that appear when you are scanning two facing pages of a bound document, for example.

123...

- 1 Touch the **More...** tab in the Tools Mode screen.
- 2 Touch the **Feature Defaults 1** tab.
- 3 Touch the **Edge/Center Erase** button. The *Edge Center Erase* screen appears.
- 4 Touch the **Edge Center Erase** button. Edge Center Erase options appear on the right side of the screen.

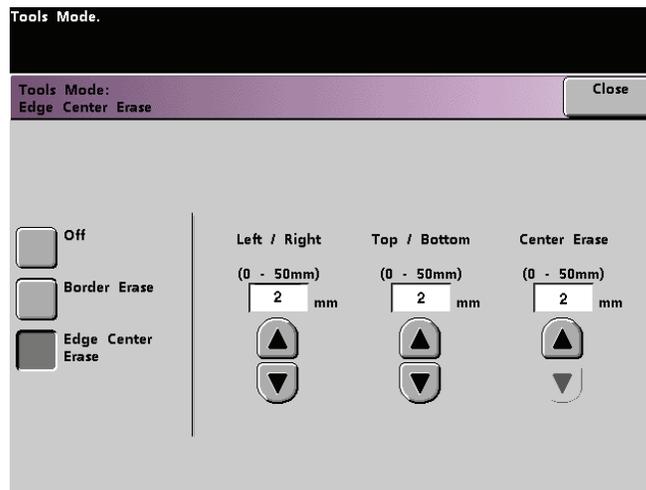


Figure 79. Edge Center Erase screen

- 5 Use the up or down arrow buttons to select the desired amount of image to be erased from Left to Right, Top to Bottom, and the Center of the copy. The available range for each 0 to 50mm.
- 6 Touch the **Close** button to return to the *Feature Defaults 1* screen.

## Color Shift

The Color Shift feature allows you to shift the output color of your digital press. If you select a shift toward red, the red colors shift toward the yellow hue, the green colors toward the cyan hue, and the blue colors toward the magenta hue. The upper bar shifts toward the left. The picture changes to demonstrate the effect of the color shift. All colors in between these original colors also shift in the same direction.

If you select a shift toward blue, the red colors shift toward the magenta hue, the blue colors toward the cyan hue, and the green colors toward the yellow hue. The upper bar shifts toward the right. The picture changes to demonstrate the affect of the color shift. Again, all colors in between these original document colors also shift in the same direction.

123...

- 1 Touch the **More...** tab in the Tools Mode screen.
- 2 Touch the **Feature Defaults 1** tab.
- 3 Touch the **Color Shift** button. The *Color Shift* screen appears.

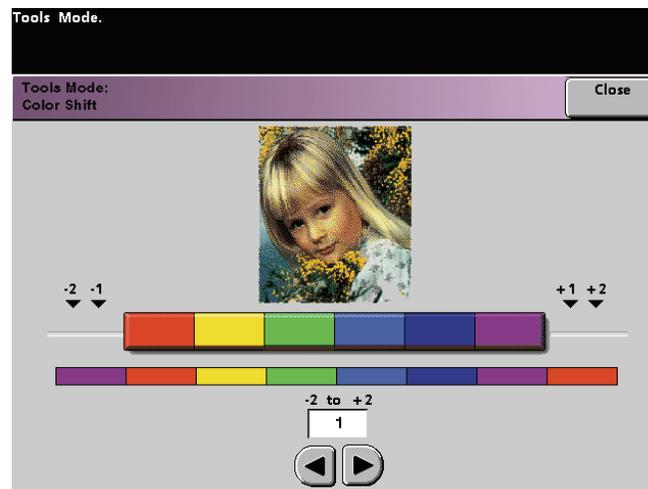


Figure 80. Color Shift screen

- 4 Use the right or left arrow buttons to select the desired value. The available range is -2 to 2.
- 5 Touch the **Close** button to return to the *Feature Defaults 1* screen.

## Reduce/Enlarge

The Reduce/Enlarge option allows you to set the percentage (100%, Auto, or Preset/Variable) of the default reduction or enlargement that displays on the *Basic Features* screen.

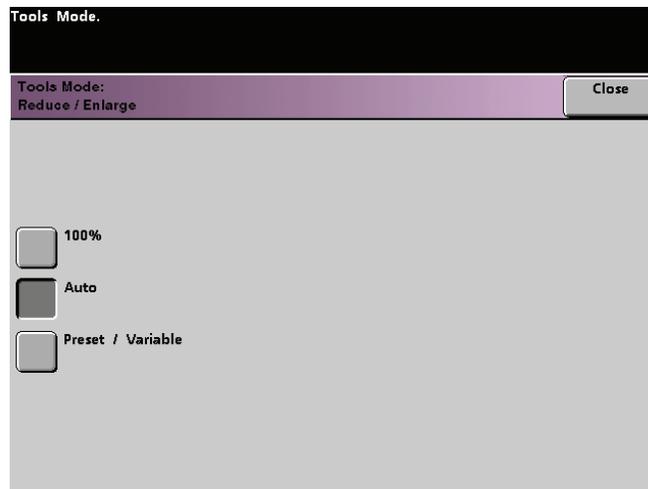
### 100% or Auto

If you select 100%, the digital press duplicates the output print at the same size as the original document. If you select Auto, the digital press determines the reduction or enlargement percentage to use based on the size of the original document and the selected paper tray.

The 100% option is not available if Auto Paper Supply is the default setting.

123...

- 1 Touch the **Reduce/Enlarge** button on the *Feature Defaults 1* screen.



*Figure 81. Reduce/Enlarge screen*

- 2 Touch either the **Auto** button or the **100%** button.
- 3 Touch the **Close** button to return to the *Feature Defaults 1* screen.

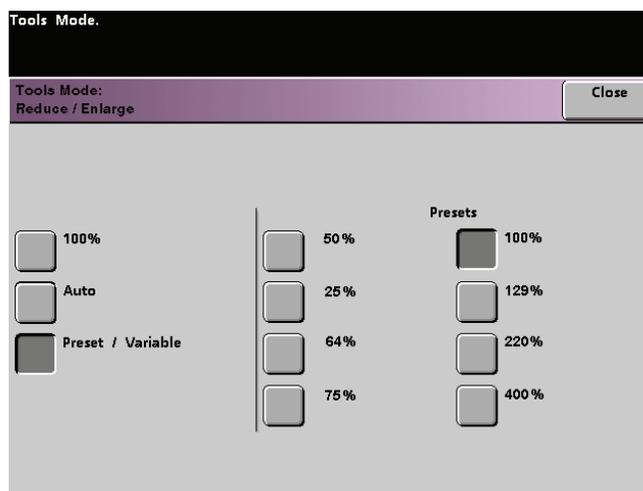
## Preset/Variable

If you select Preset/Variable, the digital press reduces or enlarges the original document at the selected value. The default percentages that you set will appear on the Preset/Variable screen, which can be accessed through the *Basic Features, Reduce/Enlarge, More...* screen.

To change the default Preset/Variable percent settings on this screen, access the *Machine Defaults 2, Reduce/Enlarge Presets* screen in Tools Mode.

123...

- 1 Touch the **Reduce/Enlarge** button on the *Feature Defaults 1* screen. The *Reduce / Enlarge* screen appears.



**Figure 82. Preset/Variable screen with Preset / Variable selected**

- 2 Touch the **Preset / Variable** button. The settings for the Preset/Variable feature appear on the right side of the screen. (See the above figure.)
- 3 Touch the button for the desired preset/variable percentage.
- 4 Touch the **Close** button to return to the *Feature Defaults 1* screen.

## 2 Sided Output

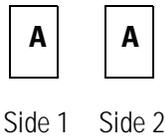
The 2 Sided Output feature allows you to set the default for the 2 Sided output options on the *Added Features* screen for scan-to-print jobs. The selections available are described in the following table.

| Default Selection | Result   |
|-------------------|--|
| 1 to 1 Sided      | All single-sided scanned originals will print as single-sided prints |
| 1 to 2 Sided      | All single-sided scanned originals will print as duplex prints       |
| 2 to 1 Sided      | All double-sided scanned originals will print as single-sided prints |
| 2 to 2 Sided      | All double-sided scanned originals will print as duplex print        |

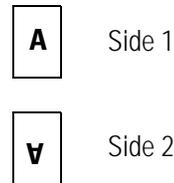
If you select one of the three duplex options, you are asked to define the settings for the orientation of the original scanned images and/or output.

- Portrait

### Head to Head

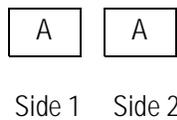


### Head to Toe

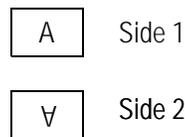


- Landscape

### Head to Head



### Head to Toe



123...

- 1 Touch the **2-sided output** button on the *Feature Defaults 1* screen. The *2 Sided Output* screen appears.

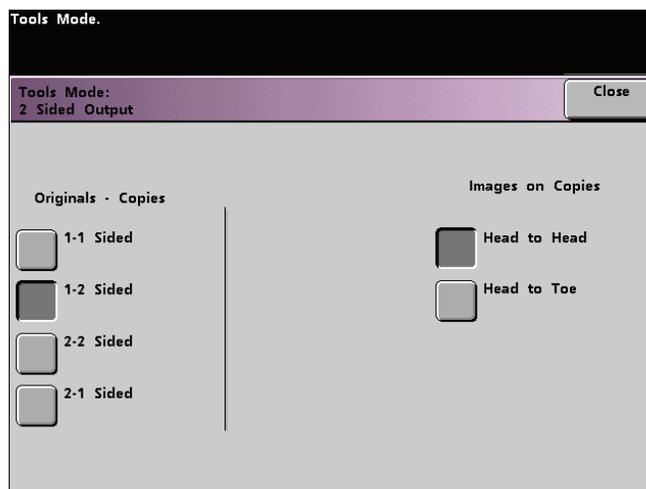


Figure 83. 2 Sided Output screen with 1-2 Sided selected

- 2 Touch the **1 to 1**, **1 to 2**, **2 to 2**, or **2 to 1** button. The following screens show the *2 Sided Output* screen with 2 to 2 Sided selected and with 2-1 Sided selected.

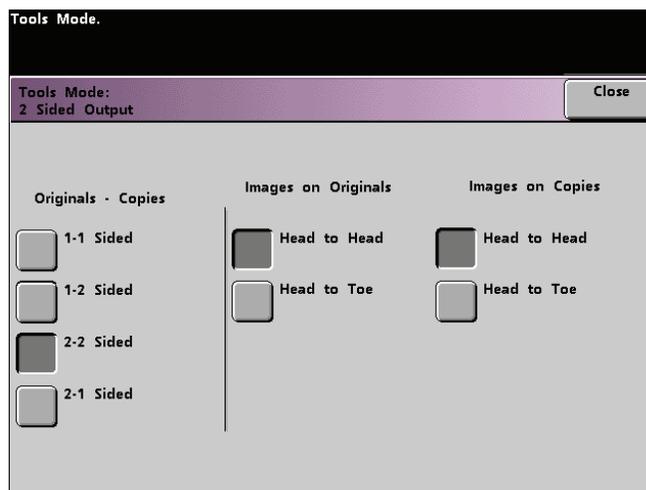


Figure 84. 2 Sided Output screen with 2-2 Sided Output selected

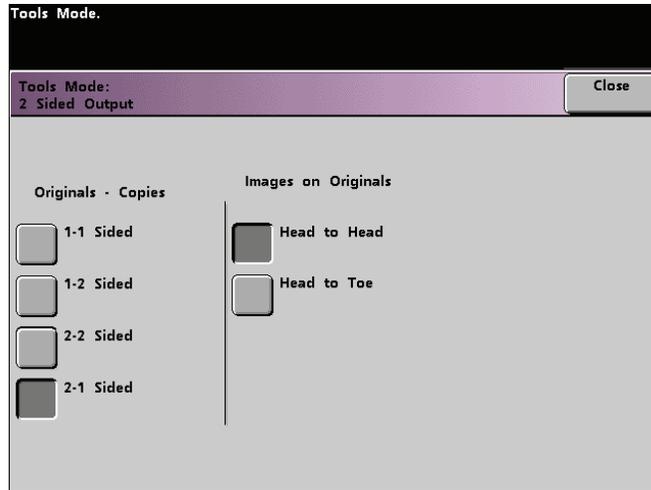


Figure 85. 2 Sided Output screen with 2-1 Sided Output selected

- 3 If you select one of the 2 sided options, select either Head to Head orientation or Head to Toe orientation, as described in the following table.

| If you choose... | Then select...  |
|------------------|---|
| 1 to 2 output    | Either the Head to Head button or the Head to Toe button to select the orientation of the images on the copies.   |
| 2 to 2 output    | Either the Head to Head button or the Head to Toe button to select the orientation of the images on the originals. Follow the same procedure to select the orientation of the images on the copies. |
| 2 to 1 output    | Either the Head to Head button or the Head to Toe button to select the orientation of the images on the originals. Follow the same procedure to select the orientation of the images on the copies. |

- 4 Touch the **Close** button to return the *Feature Defaults 1* screen.

## Original Type

The Original Type option allows you to set the original type default on the *Image Quality* screen. Set the default for the majority of the original documents that you will be scanning or printing. Based on the selection, the digital press automatically makes fine adjustments to optimize the sharpness based on the type of original selected. Original types are described in the following tables.

**Table 1. Original Types**

| Default Type      | When to Select  |
|-------------------|---|
| Auto Photo & Text | Select this setting when most original documents consist of both text and graphics. This setting allows you to select a default of Photo, Halftone, or Xerographic Copy (all with text) as the original type used in scan-to-print jobs.        |
| Text              | Select this setting when most original documents consist of words with few detailed graphics. This setting allows you to select a default of regular Text or Light Text as the original type used in scan-to-print jobs.                        |
| Photo             | Select this setting when most original documents contain halftones or photographs. This setting allows you to select a default of Photo, Halftone, or Xerographic Copy (with no text) as the original type used in scan-to-print jobs.          |
| Map               | Select this setting when most original documents contain intricate drawings that require a number of details to be copied with utmost precision. This setting allows you to select Map as the default original type used in scan-to-print jobs. |



**KEY POINT:** If you select either **Auto Photo & Text** or **Photo**, you should also select the detail for that original type. The details that can be selected for each of these original types described in Table 2.

**Table 2. Original Type Details**

| Detail           | When to Select   |
|------------------|--|
| Photograph       | Select this option when most original documents will be photographs or extremely fine halftones.   |
| Halftone         | Select this option when most original documents will be images that are created using a fine screen that varies the darkness and density of dots that make up the image. Examples of halftone images can be found in magazines and newspapers. |
| Xerographic Copy | Select this option when most jobs will use a reproduction (copy) as the original document.   |

123...

- 1 Touch the **Original Type** button on the *Feature Defaults 1* screen. The *Original Type* screen appears.

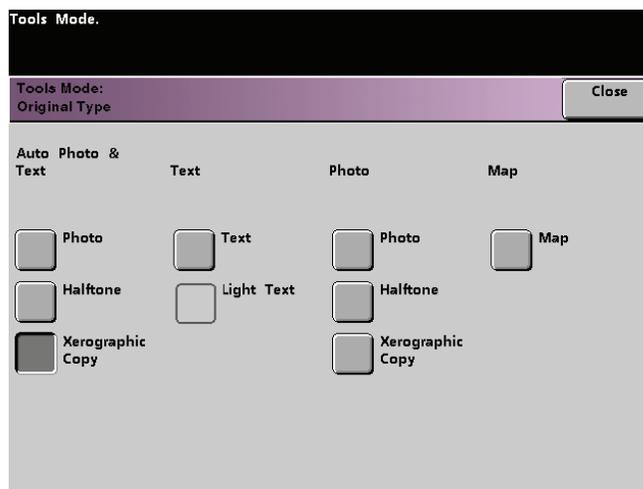


Figure 86. Original Type screen

- 2 Under the **Auto Photo & Text**, **Text**, **Photo**, or **Map** column headings, select an original type for your default setting.  
If you choose the **Auto Photo & Text** or **Photo** original type, specify the default for the kind of photograph or picture originals you will be copying. Touch either the **Photograph**, **Halftone**, or **Xerographic Copy** button to set this feature.
- 3 Touch the **Close** button to return to the *Feature Defaults 1* screen.



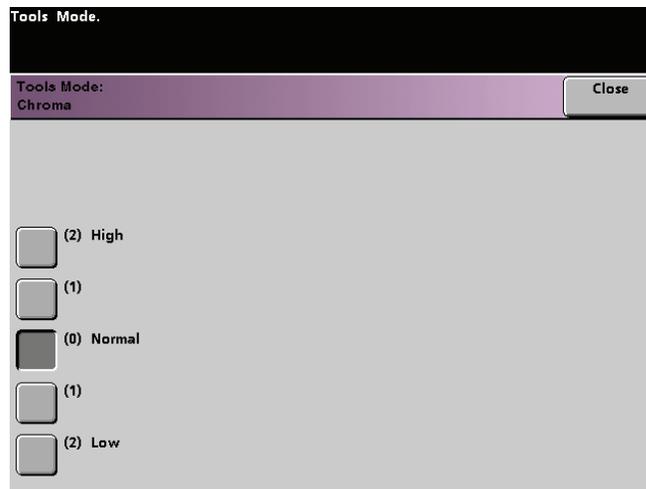
**NOTE:** If the *Black Only* option is selected in the *Color Mode* feature in *Tools Mode*, the *Light Text* option is selectable on this screen. Refer to the *Color Mode* section in this book for more information on how to change the settings in that feature.

## Chroma

The Chroma feature allows you to raise or lower the chroma default setting of Normal to achieve more or less color saturation on prints. Chroma adjusts the overall richness of color on the output prints. Chroma, or saturation, is the relative chromaticity, or colorfulness, of a color. The amount of saturation differentiates a color from a gray that has the same value.

123...

- 1 Touch the **Chroma** button on the *Feature Defaults 1* screen. The *Chroma* screen appears



*Figure 87. Chroma screen*

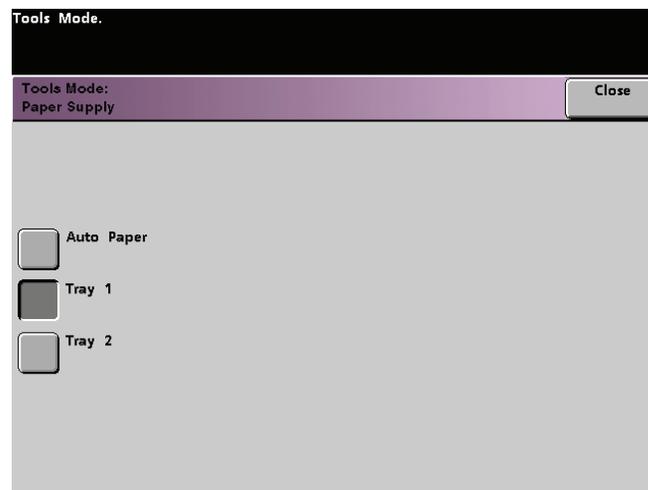
- 2 Touch the button for the desired amount of chroma, or saturation. The **High** button reflects the greatest amount of chroma, while the **Low** button reflects the least amount of chroma.
- 3 Touch the **Close** button to return to the *Feature Defaults 1* screen.

## Paper Supply

The Paper Supply feature allows you to designate the default paper tray for your DocuColor 6060. The button for Tray 4 appears only if you have this optional accessory connected to your digital press.

123...

- 1 Touch the **More...** tab in the Tools Mode screen.
- 2 Touch the **Feature Defaults 1** tab.
- 3 Touch the **Paper Supply** button. The *Paper Supply* screen appears.



*Figure 88. Paper Supply screen*

- 4 Touch the button for the paper tray you would like to use as your default paper tray.
- 5 Touch the **Close** button to return to the *Feature Defaults 1* screen.

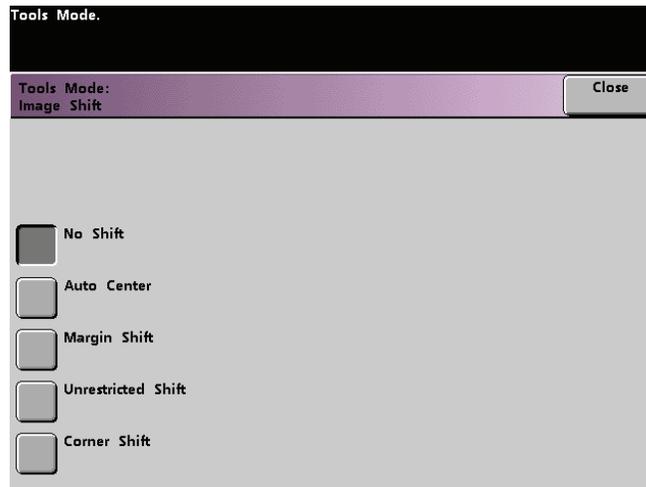
*Image Shift*

The Image Shift feature allows you to set the default for Image Shift in the *Added Features, Image Shift* screen. You can set separate defaults for Side 1 and Side 2 images on the output print. The options available:

| Default            | When to Select   |
|--------------------|--|
| No Shift           | If you select this option, the digital press assumes that the original document is registered in the upper left corner of the document glass.  |
| Auto Center        | If you select this option, the original image is centered on the output sheet.   |
| Margin Shift       | If you select this option, you may shift the original image, for both Side 1 and Side 2, Left to Right using the horizontal arrow buttons, or Top to Bottom using the vertical arrow buttons. The available range for each shift direction is 0 to 50mm.   |
| Unrestricted Shift | If you select this option, you may shift the original image, for both Side 1 and Side 2, Left to Right using the horizontal arrow buttons. The available range for this direction is 0 to 432mm. You may also shift the original image Top to Bottom using the vertical arrow buttons. The available range for this direction is 0 to 297mm. |
| Corner Shift       | If you select this option, you may shift the original image, for both Side 1 and Side 2, to any side of the output page using the eight different arrow buttons on the screen.   |

123...

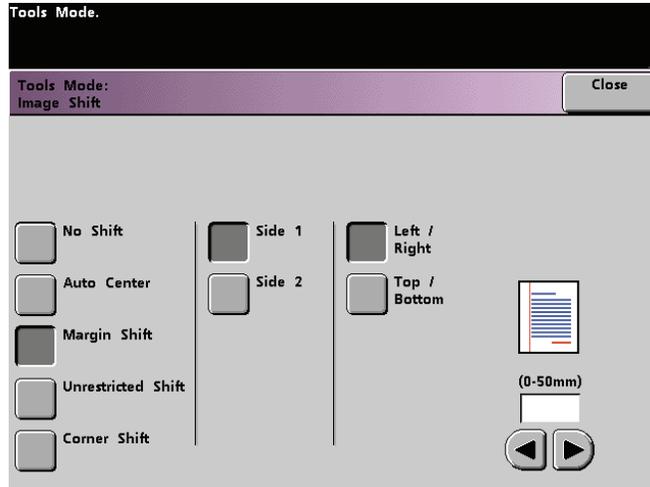
- 1 Touch the **Image Shift** button on the *Feature Defaults 1* screen. The *Image Shift* screen appears.



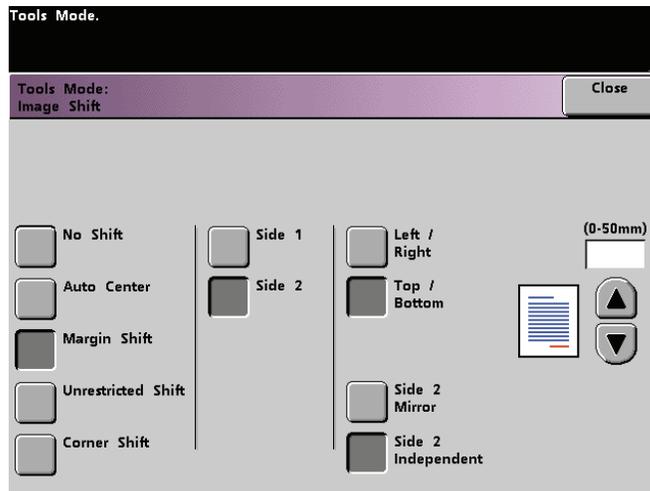
*Figure 89. Image Shift screen*

- 2 Touch the button for the desired image shift option. Settings for the image shift option you selected appear on the right side of the screen.
- 3 Do one of the following:
  - If you selected **Margin Shift**, select **Side 1** or **Side 2**. Then touch the **Left/Right** or **Top/Bottom** button. Use the arrow buttons to specify the amount of the image shift. Repeat for the other side, if required.

To set the defaults for Side 2, touch the **Side 2** button. Then, touch the **Side 2 Mirror** or **Side 2 Independent** button. The popup screen allows you to specify the amount of image shift for the Side 2 Independent selection only. Selecting Side 2 Mirror will have the system use the same amount of shift selected for Side 1.

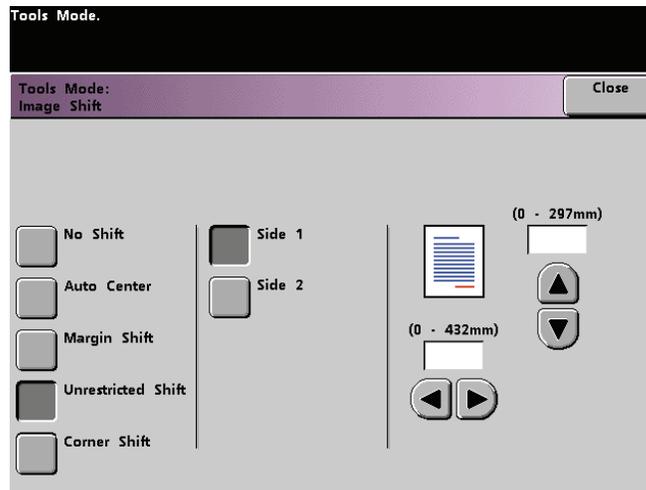


*Figure 90. Image Shift screen with Margin Shift and Left/Right buttons selected*



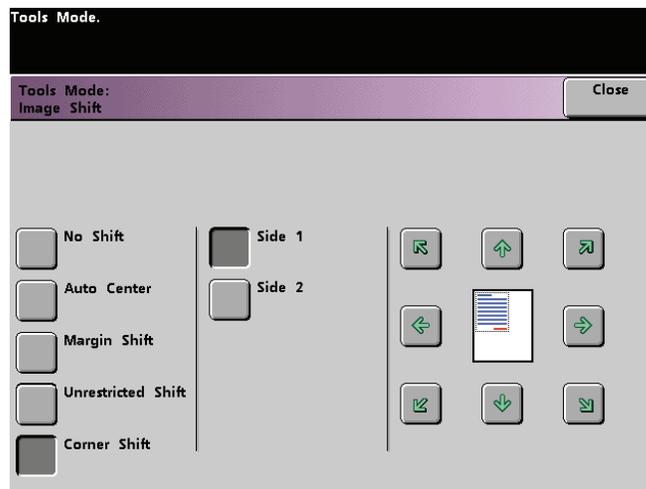
*Figure 91. Image Shift screen with Margin Shift and Top/Bottom buttons selected*

- If you selected the **Unrestricted Shift** button, select **Side 1** or **Side 2**. Then use the horizontal arrow buttons to specify the amount of the image shift from Left to Right. To specify the amount of the image shift from Top to Bottom, use the vertical arrow buttons. Repeat for the other side, if required.



*Figure 92. Image Shift screen with Unrestricted Shift selected*

- If you selected the **Corner Shift** button, select **Side 1** or **Side 2**. Then use the eight different arrow buttons to shift your original image. Repeat for the other side if required.



*Figure 93. Image Shift screen with Corner Shift selected*

- Touch the **Close** button to return to the *Feature Defaults 1* screen.

## Color Balance

The Color Balance feature allows you to set the default levels for the four process colors (Cyan, Magenta, Yellow, Black) on the *Image Quality* screen. You can set the defaults for areas of high, medium, and low density on the scanned prints. You can also set the default for each density level and each color independently in any combination.



**KEY POINT:** Remember that adjusting the density of any of the process colors affects the complementary colors that use that color.



- 1 Touch the **Color Balance** button on the *Feature Defaults 1* screen. The Color Balance screen appears.

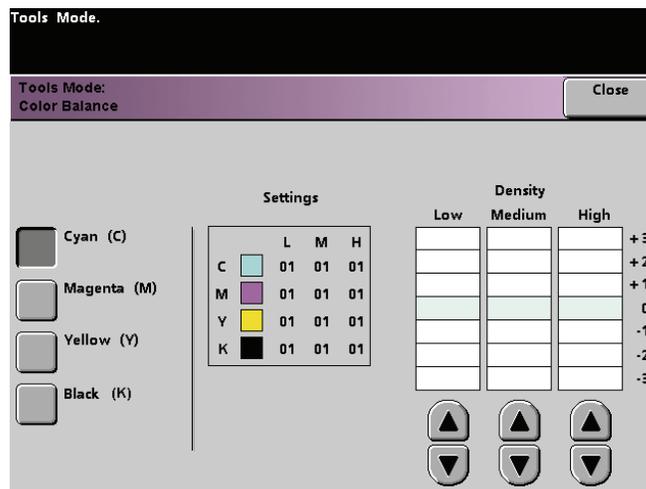


Figure 94. Color Balance screen

- 2 Touch the button for the color that you want to change.
- 3 Use the up or down arrow buttons to obtain the desired settings for Low, Medium, and High Densities. The available range is -3 to +3.
- 4 Repeat the previous step for each color you want to change.
- 5 Touch the **Close** button to return to the *Feature Defaults 1* screen.

## Lighten/Darken

The Lighten/Darken feature enables you to set the default for the Lighten/Darken option on the *Image Quality* screen. Changing this setting adjusts the overall lightness or darkness (density) of the output copy. Select Darken settings for light originals and Lighten settings for dark originals. Selecting Auto enables the digital press to determine the lightness or darkness based on its scan of the original document.

123...

- 1 Touch the **Lighten/Darken** button on the *Feature Defaults 1* screen. The *Lighten/Darken* screen appears.

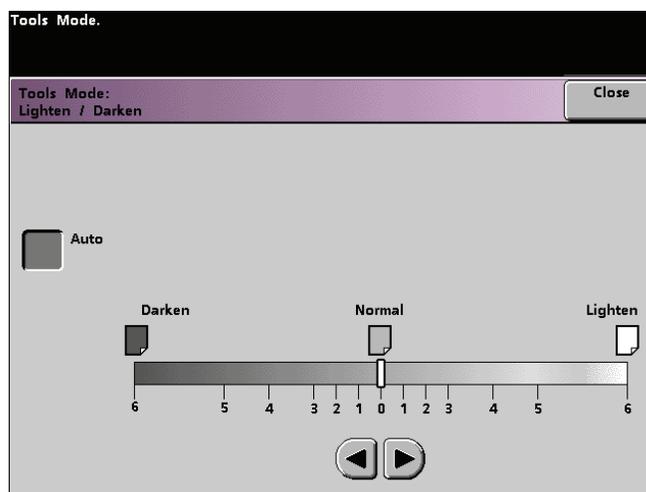


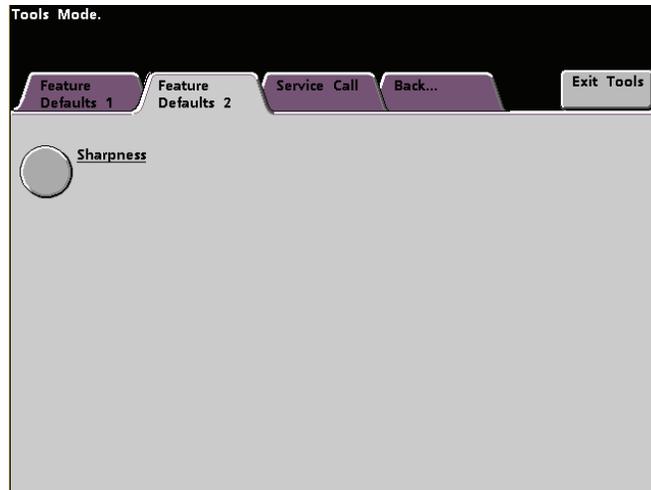
Figure 95. Lighten / Darken screen

- 2 Adjust the darkness or lightness for the output print using the right or left arrow buttons. The available range is 6 (Darken) to 6 (Lighten). Touch the **Auto** button to have the digital press automatically adjust the copy density level.  
If you selected Auto and you want to make manual adjustments, touch one of the arrow buttons. The Lighten/Darken scale appears.
- 3 Touch the **Close** button to return to the *Feature Defaults 1* screen.

## *Feature Defaults 2*

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Access the *Feature Defaults 2* screen by touching the **More...** tab on the *Machine Defaults1*, *Machine Defaults 2*, or *Feature Defaults 1* screen.



*Figure 96. Feature Defaults 2 screen*

## Sharpness

The Sharpness feature allows you to set the default for the Sharpness option on the *Image Quality* screen. Changing the setting adjusts the amount of image edge definition on scanned prints. Use the sharp levels to increase the amount of edge definition for original documents such as maps, line art, or graphics that have crisp lines. Use the soft levels to decrease the amount of edge definition to scan photographs or any other documents for which softer, less focused, output prints are desired. This option is especially useful when scanning very coarse dot screens.

123...

- 1 Touch the **More...** tab.
- 2 Touch the **Sharpness** button. The *Sharpness* screen appears.

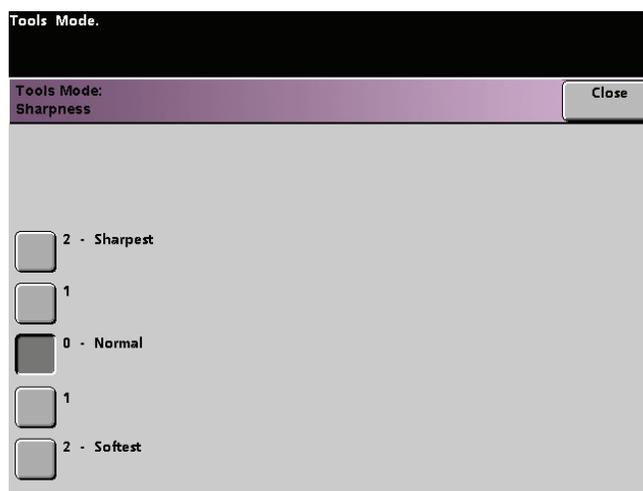


Figure 97. Sharpness screen

- 3 Touch the button for the desired amount of image edge definition. The available range is 2 (Sharpest) to 2 (Softest).
- 4 Touch the **Close** button to return to the *Feature Defaults 2* screen.

