

DocuColor 5252 Digital Color Press System Administration Guide

August 2003
701P40701



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Changes are periodically made to this document. Technical updates will be included in subsequent editions.

Printed in the U.S.A.

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1. Introduction

This chapter discusses:

- the type of conventions and writing styles used in this manual
- safety requirements
- radio frequency emissions
- legal notices
- environmental and recycling requirements

Conventions

Symbols



Caution: This symbol is used to alert operators to an operating procedure, practice, or condition that, if not strictly observed, might result in safety hazards to personnel or damage to the equipment, software or that the loss of data may result



Warning: This symbol is used to alert operators to an operating procedure, practice, or condition that, if not strictly observed, can result in bodily injury.



Warning: This symbol identifies an area on the machine that is **HOT** and may cause burn injuries.



Warning: This symbol indicates a laser is being used in the machine and alerts you to refer to the appropriate safety information.



Key point: This symbol identifies information that is being emphasized and is important for you to remember.



The 1 2 3... symbol indicates the beginning of a task or work process which must be completed.



Note: This symbol calls your attention to information that is helpful, but not essential to complete a procedure or task.

Writing style conventions

- **Bold** type indicates the name of a button to press or touch.
- Underlining is used to emphasize a word or term.
- Italic type is used for the text associated with symbols such as Cautions, Notes, Key Points, etc. to visually bring the information to your attention.
- Italic type is also used to indicate names, such as the name of a chapter, or the name of a screen.
- Procedures direct you to press buttons located on the Control Panel, and touch buttons located on the Touch Screen.
- Text referring to illustrations or screen samples precedes the image.

Electrical safety

This Xerox digital press and the recommended supplies have been designed and tested to meet strict safety requirements. Attention to the following notes will ensure the continued safe operation of your digital press.

- Use only the power cord supplied with this equipment.
- Plug the power cord directly into a correctly grounded electrical outlet. Do not use an extension cord. If you do not know whether or not an outlet is grounded, consult a qualified electrician.
- Do not use a ground adapter plug to connect this equipment to an electrical outlet that lacks a ground connection terminal.



Warning: You may get a severe electrical shock if the outlet is not correctly grounded.

- Do not place the press where people may step on or trip on the power cord. Do not place objects on the power cord.
- Do not override or disable electrical or mechanical interlocks.
- Do not obstruct the ventilation openings. These openings are provided to prevent overheating of the machine.



Warning: Never push objects of any kind into slots or openings on this equipment. Making a contact with a voltage point or shorting out a part could result in fire or electrical shock.

- If any of the following conditions occur, immediately switch off the power to the machine and disconnect the power cord from the electrical outlet. Call an authorized Xerox service representative to correct the problem.
 - The machine emits unusual noises or odors.
 - The power cord is damaged or frayed.
 - A wall panel circuit breaker, fuse, or other safety device has been tripped.
 - Liquid is spilled into the press.
 - The machine is exposed to water.
 - Any part of the machine is damaged.

Disconnect device

The power cable is the disconnect device for this equipment. It is attached to the back of the machine as a plug-in device. To remove all electrical power from the machine, disconnect the power cable from the electrical outlet.

Laser safety



This product complies with safety standards and is certified as a Class I Laser product under the US Department of Health and Human Services (DHSS) Radiation Performance Standard according to the Radiation Control for Health and Safety Act of 1968. This product does not emit hazardous laser radiation.



Caution: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous exposure to laser light.

Since radiation emitted inside this product is completely confined within the protective housing and external covers, the laser beam cannot escape from the machine during any phase of the user operation.

The Center for Devices and Radiological Health (CDRH) of the US Food and Drug Administration implemented regulations for laser products on August 1, 1976. These regulations apply to laser products marketed in the United States. The label on the machine indicates compliance with CDRH regulations and must be attached to laser products marketed in the United States.

This product contains laser warning labels. These labels are intended for use by XEROX Service Representatives and are placed on or near panels or shields that require special tools for removal. Do not remove any of these panels. There are no operator serviceable areas inside these covers.

Maintenance safety

- Do not attempt any maintenance procedure that is not specifically described in the documentation that is supplied with your press.
- Do not use aerosol cleaners. The use of supplies that are not approved may cause poor performance of the press, and could create a dangerous condition.
- Use the supplies and cleaning materials only as directed in this manual. Keep all of these materials out of the reach of children.
- Do not remove the covers or guards that are fastened with screws. There are no parts behind these covers that you can maintain or service.

Do not perform any maintenance procedures unless you have been trained to do them by a Xerox representative, or unless a procedure is specifically described in one of the manuals included with your press.

Operational safety

Your Xerox equipment and supplies were designed and tested to meet strict safety requirements. These include safety agency examination, approval, and compliance with established environmental standards.

Your attention to the following safety guidelines will help ensure the continued safe operation of your digital press:

- Use the materials and supplies specifically designed for your digital press. The use of unsuitable materials may result in poor performance of the machine and possibly a hazardous situation.
- Follow all warnings and instructions that are marked on or supplied with the machine.
- Place the machine in a room that provides adequate space for ventilation and servicing.
- Place the machine on a level, solid surface (not on a thick pile carpet) that has adequate strength to support the weight of the machine.
- Do not attempt to move the machine. A leveling device that was lowered when your machine was installed may damage the carpet or floor.
- Do not set up the machine near a heat source.
- Do not set up the machine in direct sunlight.
- Do not set up the machine in line with the cold air flow from an air conditioning system.
- Do not place containers of coffee or other liquid on the machine.
- Do not block or cover the slots and openings on the machine. Without adequate ventilation, the machine may overheat.
- Do not attempt to override any electrical or mechanical interlock devices.



Warning: Be careful when working in areas identified with this warning symbol. These areas may be very hot and could cause personal injury.

If you need any additional safety information concerning the machine or materials, contact your Xerox representative.

Ozone safety

This product produces ozone during normal operation. The ozone is heavier than air, and the quantity is dependent on print volume. Providing the correct environmental parameters, as specified in the Xerox installation procedures, ensures that concentration levels meet safe limits.

If you need additional information about ozone, request the Xerox publication, *OZONE*, 600P83222, by calling 1-800-828-6571 in the USA. For a French language version, call 1-800-828-6571 in the USA, then press 2.

Notices

Radio frequency emissions

FCC in the USA

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the Federal Communications Commission Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense.

Changes or modifications to this equipment not specifically approved by the Xerox Corporation may void the user's authority to operate this equipment.

Shielded cables must be used with this equipment to maintain compliance with FCC regulations.

In Canada

ICES-003

This Class "A" digital apparatus complies with Canadian ICES-003.



Warning: Shielded interface cables must be used with this equipment to maintain compliance with Canadian Regulations.

Safety extra low voltage approval

This Xerox digital press is in compliance with various governmental agencies and national safety regulations. All system ports meet the Safety Extra Low Voltage (SELV) circuits for connection to customer-owned devices and networks. Additions of customer-owned or third-party accessories that are attached to the press must meet or exceed the requirements previously listed. All modules that require external connection must be installed per the installation procedure.

Certifications in Europe



The CE marking that is applied to this product symbolizes Xerox Europe's Declaration of Conformity with the following applicable Directives of the European Union as of the dates indicated:

January 1, 1995: - Council Directive 73/23/EEC amended by Council Directive 93/68/EEC, approximation of the laws of the member states related to low voltage equipment.

January 1, 1996: - Council Directive 89/336/EEC, approximation of the laws of the member states related to electromagnetic compatibility.

Changes or modifications to this equipment not specifically approved by Xerox Europe may void the user's authority to operate the equipment.

Shielded cables must be used with this equipment to maintain compliance with the EMC Directive 89/336/EEC.

This equipment is not primarily intended for use in a domestic environment.

A full declaration defining the relevant Directives and referenced standards can be obtained from your Xerox Europe representative.



Warning: In order to allow this equipment to operate in proximity to Industrial, Scientific and Medical (ISM) equipment, the external radiation from ISM equipment may have to be limited or special mitigation measures taken.



Warning: This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

It's illegal in the USA

Congress, by statute, has forbidden the reproduction of the following subjects under certain circumstances. Penalties of fine or imprisonment may be imposed on those guilty of making such reproductions.

1. Obligations or Securities of the United States Government, such as:

Certificates of Indebtedness National Bank Currency

Coupons from Bonds Federal Reserve Bank Notes

Silver Certificates Gold Certificates

United States Bonds Treasury Notes

Federal Reserve Notes Fractional Notes

Certificates of Deposit Paper Money

Bonds and Obligations of certain agencies of the government, such as
FHA, etc.

Bonds. (U.S. Savings Bonds may be photographed only for publicity purposes in connection with the campaign for the sale of such bonds.)

Internal Revenue Stamps. (If it is necessary to reproduce a legal document on which there is a canceled revenue stamp, this may be done provided the reproduction of the document is performed for lawful purposes.)

Postage Stamps, canceled or uncanceled. (For philatelic purposes, Postage Stamps may be photographed, provided the reproduction is in black and white and is less than 75% or more than 150% of the linear dimensions of the original.)

Postal Money Orders.

Bills, Checks, or Drafts of money drawn by or upon authorized officers of the United States.

Stamps and other representatives of value, of whatever denomination, which have been or may be issued under any Act of Congress.

2. Adjusted Compensation Certificates for Veterans of the World Wars.
3. Obligations or Securities of any Foreign Government, Bank, or Corporation.
4. Copyrighted material, unless permission of the copyright owner has been obtained or the reproduction falls within the "fair use" or library reproduction rights provisions of the copyright law. Further information of these provisions may be obtained from the Copyright Office, Library of Congress, Washington, D.C. 20559. Ask for Circular R21.
5. Certificates of Citizenship or Naturalization. (Foreign Naturalization Certificates may be photographed.)
6. Passports. (Foreign Passports may be photographed.)
7. Immigration Papers.
8. Draft Registration Cards.

9. Selective Service Induction Papers that bear any of the following Registrant's information:

Earnings or Income Dependency Status

Court Record Previous military service

Physical or mental condition

Exception: United States military discharge certificates may be photographed.

10. Badges, Identification Cards, Passes, or Insignia carried by military personnel, or by members of the various Federal Departments, such as FBI, Treasury, etc. (unless photograph is ordered by the head of such department or bureau.)

Reproducing the following is also prohibited in certain states:
Automobile Licenses - Drivers' Licenses - Automobile
Certificates of Title.

The above list is not all inclusive, and no liability is assumed for its completeness or accuracy. In case of doubt, consult your attorney.

It's illegal in Canada

Parliament, by statute, has forbidden the reproduction of the following subjects under certain circumstances. Penalties of fines or imprisonment may be imposed on those guilty of making such copies.

1. Current bank notes or current paper money.
2. Obligations or securities of a government or bank.
3. Exchequer bill paper or revenue paper.
4. The public seal of Canada or of a province, or the seal of a public body or authority in Canada, or of a court of law.
5. Proclamations, orders, regulations or appointments, or notices thereof (with intent to falsely cause same to purport to have been printed by the Queen's Printer for Canada, or the equivalent printer for a province).

6. Marks, brands, seals, wrappers or designs used by or on behalf of the Government of Canada or of a province, the government of a state other than Canada or a department, board, Commission or agency established by the Government of Canada or of a province or of a government of a state other than Canada.
7. Impressed or adhesive stamps used for the purpose of revenue by the Government of Canada or of a province or by the government of a state other than Canada.
8. Documents, registers or records kept by public officials charged with the duty of making or issuing certified copies thereof, where the reproduction falsely purports to be a certified copy thereof.
9. Copyrighted material or trademarks of any manner or kind without the consent of the copyright or trademark owner.

The above list is provided for your convenience and assistance, but it is not all inclusive, and no liability is assumed for its completeness or accuracy. In case of doubt, consult your solicitor.

Environmental notices for the USA



As an ENERGY STAR® partner, Xerox Corporation has determined that (the basic configuration of) this product meets the ENERGY STAR guidelines for energy efficiency.

The ENERGY STAR and ENERGY START MARK are registered United States trademarks.

The ENERGY STAR Office Equipment Program is a team effort between U.S., European Union and Japanese governments and the office equipment industry to promote energy-efficient copiers, printers, fax, multifunction machines, personal computers, and monitors. Reducing product energy consumption helps combat smog, acid rain and long-term changes to the climate by decreasing the emissions that result from generating electricity.

Xerox ENERGY STAR equipment is preset at the factory to enter a "low power" state and/or shut off completely after a specified period of use. These energy-saving features can reduce product energy consumption in half when compared to conventional equipment.

Environmental notices for Canada



Terra Choice Environmental Services, Inc. of Canada has verified that this Xerox product conforms to all applicable Environmental Choice EcoLogo requirements for minimized impact to the environment.

As a participant in the Environmental Choice program, Xerox Corporation has determined that this digital press model meets the Environmental Choice guidelines for energy efficiency.

Environment Canada established the Environmental Choice program in 1988 to help consumers identify environmentally responsible products and services. Copier, printer, digital press, and fax products must meet energy efficiency and emissions criteria, and exhibit compatibility with recycled supplies. Currently, Environmental Choice has more than 1600 approved products and 140 licensees. Xerox has been a leader in offering EcoLogo approved products. In 1996, Xerox became the first company licensed to use the Environmental Choice EcoLogo for its copiers, printers, and fax machines.

Product recycling and disposal

Xerox operates a worldwide equipment takeback and reuse/recycle program. Contact your Xerox sales representative to determine whether this Xerox product is part of the program. For more information about Xerox environmental programs, visit www.xerox.com (refer to the “About Xerox” section).

If your product is not part of the Xerox program and you are managing its disposal, please note that the product may contain lead, mercury and other materials whose disposal may be regulated due to environmental considerations. For recycling and disposal information, contact your local authorities. In the United States, you may also refer to the Electronic Industries Alliance web site at www.eiae.org.

2. Tools Mode



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

Overview

The Tools Mode enables you to establish the default settings for your digital press, with or without a scanner, 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 certain Paper Trays, timers, audio tone controls, default settings for scanner features, image quality settings, and more.

Entering and exiting Tools Mode



Key points:

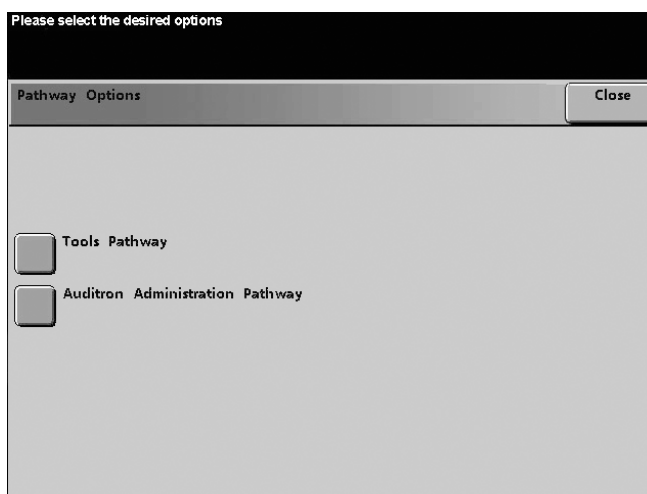
- If you attempt to access the Tools Mode while a job is printing, access to the screens will be delayed until the job completes printing.
- Jobs will queue, but will not print while the Tools Mode is active.
- You cannot access the Tools Mode if the digital press is in a Fault condition.
- You cannot 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.

Entering Tools Mode

123...

Use the following procedure to enter the Tools Mode:

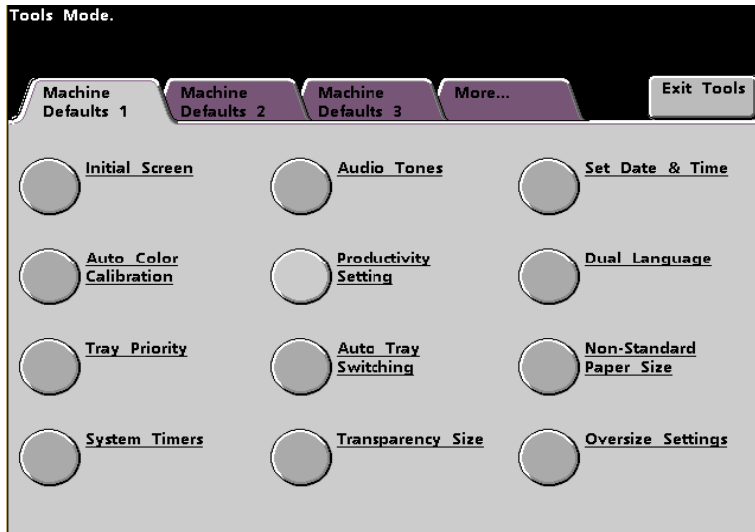
- 1** Press the **Access** button on the Control Panel. The *Access Password* Screen appears.
- 2** Use the keypad to enter the Tools Mode password. The default password is five 1s (**11111**). For security reasons, only asterisks are displayed on the screen.
- 3** Touch the **Enter** button on the screen. The Pathway Options screen appears:



Note: It is recommended that you change the Tools password as soon as possible after installing the digital press to prevent unauthorized access to the Tools Mode. The procedure for changing the password is in the next chapter.

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

The *Machine Defaults 1* screen appears.



Note: The options shown on the above screen may vary depending on whether a scanner is or is not attached to the digital press.



Note: The Productivity Setting is not available.

5

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

Navigating in Tools Mode

The following table provides tells you how to navigate in Tools Mode by pressing or touching keys or buttons.

| Key or 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 features in the Tools Mode take effect when you exit Tools Mode.

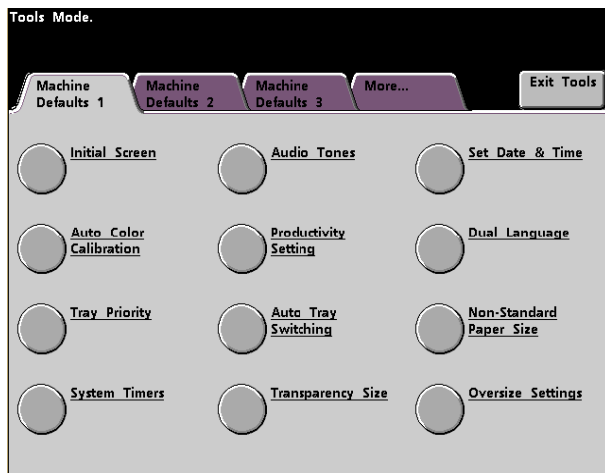
Machine Defaults and Feature Defaults



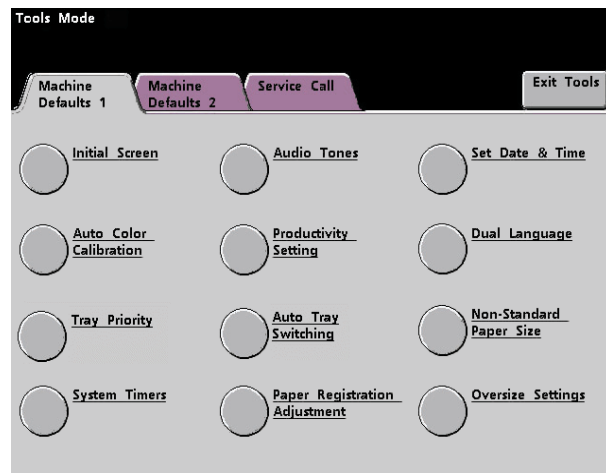
Note 1: All the available options are discussed in this section, including the scanner options.

Note 2: The Feature Defaults 1 and 2 screens do **not** display if a Scanner is **not** connected. Again, all options are discussed in this section.

Machine Defaults 1 screen:



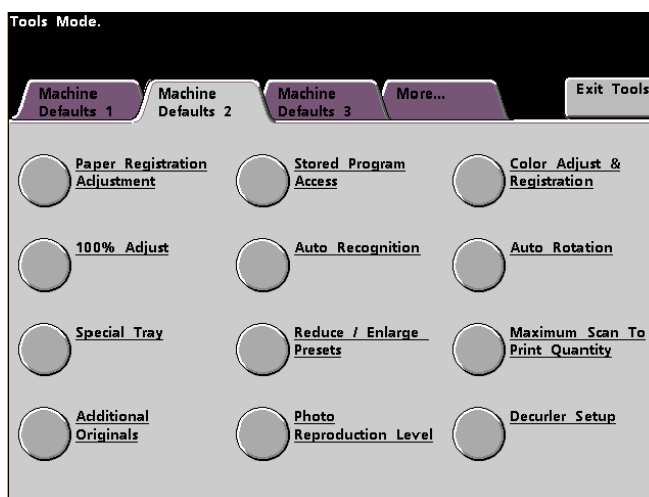
With an optional Scanner



Without an optional Scanner

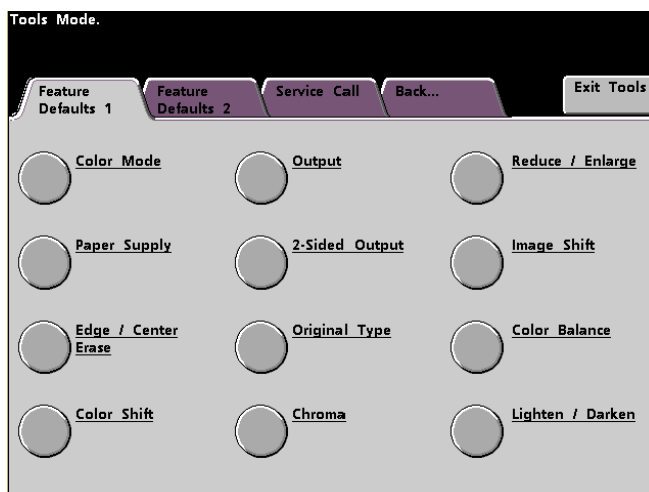
- With a Scanner connected, three *Machine Defaults* screens are available for changing the default settings. Two Feature Defaults screens are available by touching the **More...** tab.
- Without a Scanner connected, two *Machine Defaults* screens are available.

The **Machine Defaults 2** screen is illustrated in the following figure.

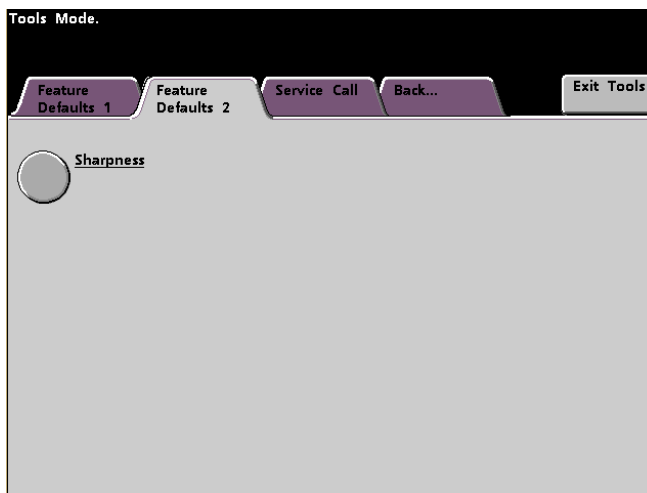


Note: The Machine Defaults 3 tab is used for Asset Manager updates.

The **Feature Defaults 1** screen is illustrated in the following figure.



The **Feature Defaults 2** screen is illustrated in the following figure.



Note: The Service Call feature is not yet available.

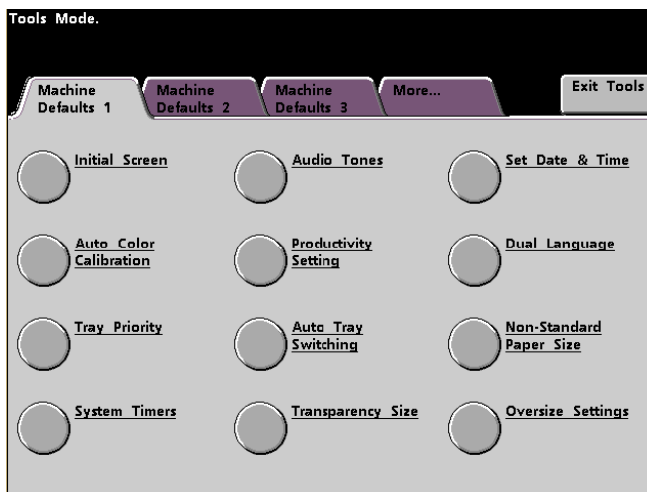
The following procedures provide step-by-step instructions for changing the settings for the options shown on the previous screens.

Machine Defaults 1

This section describes the features available to you through the *Machine Defaults 1* screen. You can access the following DocuColor features through the *Machine Defaults 1* screen:

- [Initial Screen](#)
- [Auto Color Calibration](#)
- [Tray Priority](#)
- [System Timers](#)
- [Audio Tones](#)
- [Productivity Setting \(not available\)](#)
- [Auto Tray Switching](#)
- [Transparency \(displays only with a Scanner\)](#)
- [Set Date & Time](#)
- [Dual Language](#)
- [Non-Standard Paper Size](#)
- [Oversize Settings](#)

Touch the **Machine Defaults 1** tab.



Initial Screen

From this screen, select the default screen when the digital press is powered on. You can choose from three screens:

- [Features](#)
- [Job Status](#)
- [Machine Status](#)

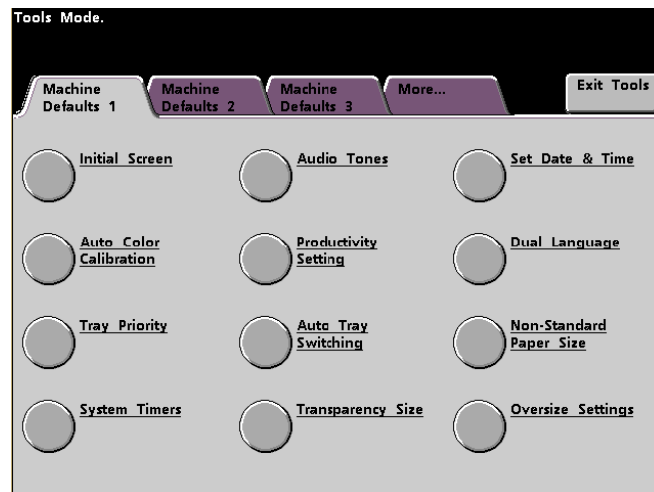


Note: The *Basic Features* screen is the factory default setting.

123...

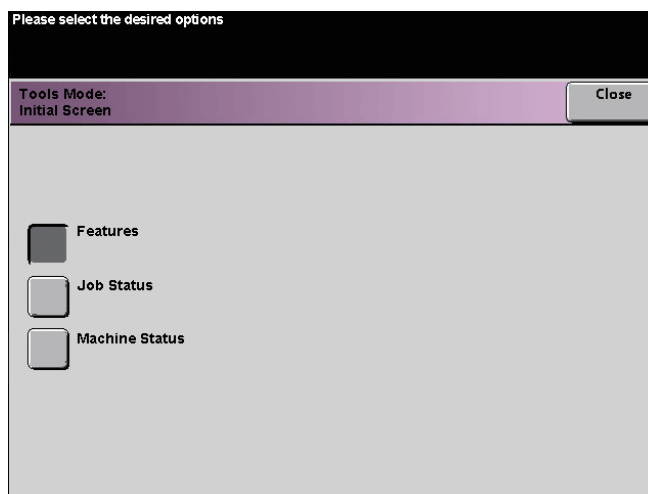
1

Touch the **Initial Screen** button.



2 Tools Mode

The *Initial Screen* screen appears.

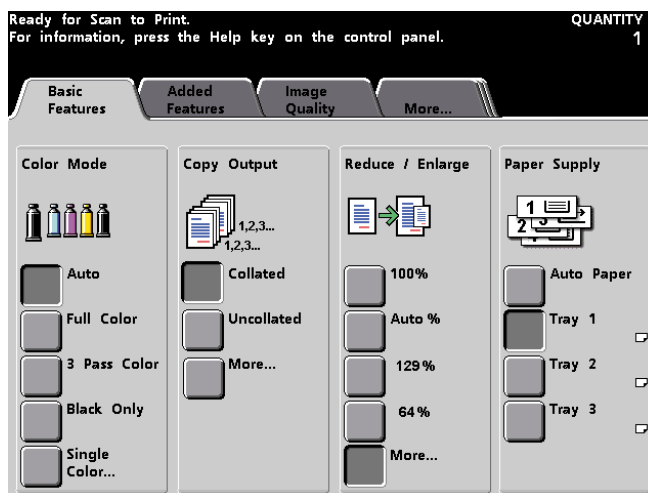


- 2** Touch the **Features**, **Job Status** or **Machine Status** button.

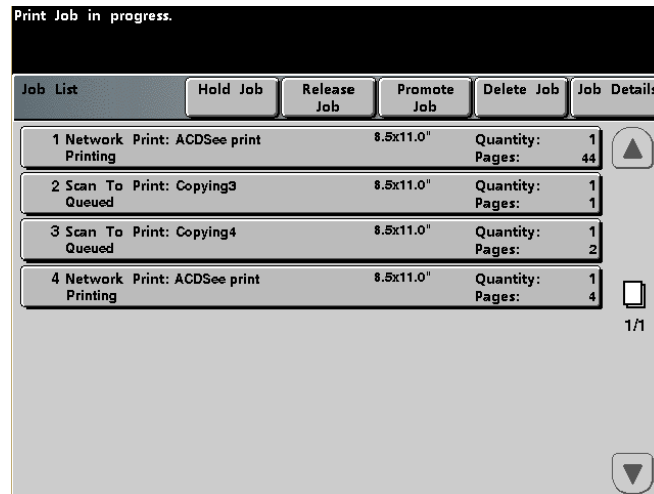


Note: Refer to the digital press *Operator Manual* (see page 5-1) for information regarding the various Scanner features.

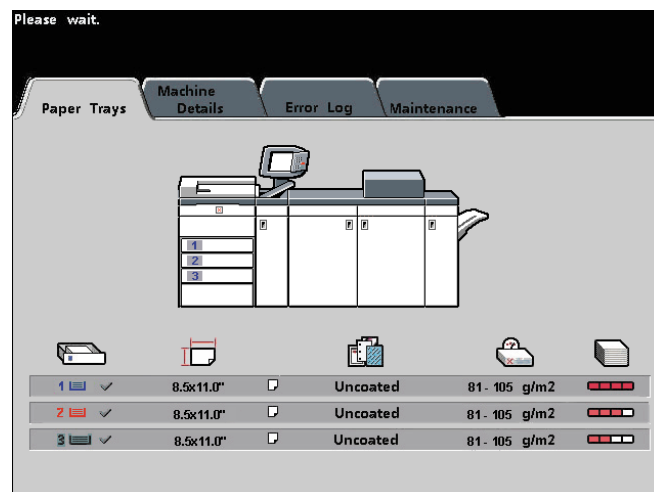
If you leave the setting at the Features screen, the following screen appears when the machine is powered on. This screen displays the Basic Features tab for scan to print jobs.



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.



If you change the default setting to the *Machine Status* screen, the following screen appears when the machine is powered on. The appearance of your *Machine Status* screen depends on the accessories you have connected.



Note: Refer to the digital press *Operator Manual* (see page 3-22) for more information about the Machine Status screen.

Auto Color Calibration



Key point 1: The digital press 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 digital press 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.

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



Key point 2: Calibration targets can be printed only on A4 or letter sized paper. Ensure that your digital press has A4 or Letter paper loaded in one of the paper trays.

Key point 3: 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 15C refers to Cluster Dot screen.

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

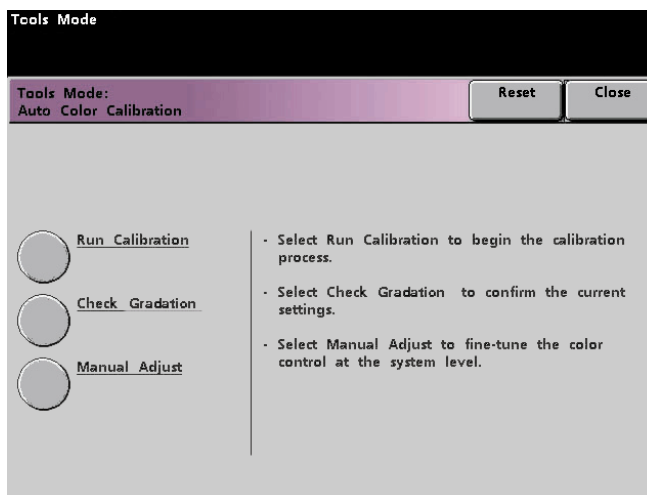
| Screening Method | What to Remember |
|--------------------------------|--|
| 150C (LPI Cluster Dot) | Provides better coverage on rough paper Larger dot provides better color stability Reduces black and other solid color mottle Provides better black coverage due to black toner granularity Dot size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

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

123...

To access the calibration procedures:

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



- 2 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 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.

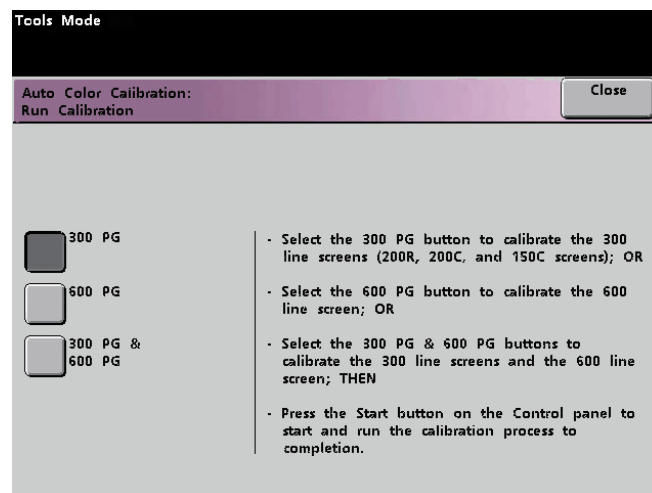


Note: PG is an abbreviation for Pattern Generator. The R in 200R indicates Rotated Line screen, and the C in 200C and 150C indicates Cluster Dot screen.

123...

1

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



- 2** Do one of the following:
 - Touch the **300 PG** button to calibrate the 300 Line screens (200R, 200C, and 150C screens). Use this option only if you have noticed a problem with halftone screening.
 - Touch the **600 PG** button to calibrate the 600 Line screen. Use this option only if you have noticed a problem with the gray scale on text.
 - Touch the **300 PG & 600 PG** button to calibrate all the screens.
- 3** Press the **Start** button on the Control Panel. The calibration process starts and color patch prints are printed.

Check Gradation

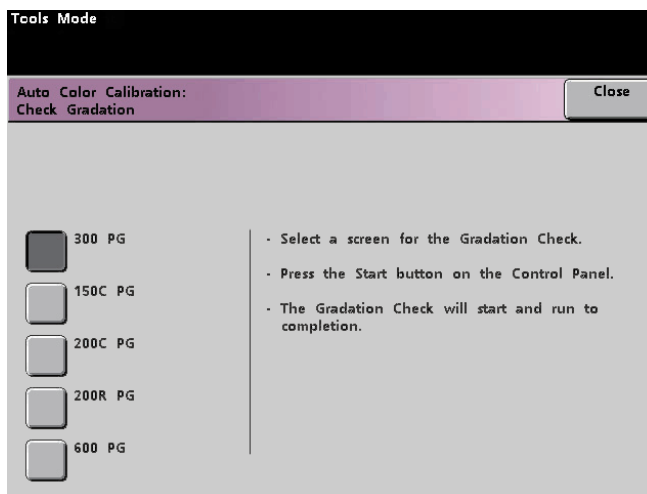
The Check Gradation feature allows you to print gradated color patch prints for each line screen on the digital press. These gradated color patch prints are used to verify that the dry ink/toner densities for CMYK and Grey balance are correct. If you are dissatisfied with the appearance of any color 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.

123...

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



- 2 Touch the button for the screen for which you want to check the gradation.
- 3 Press the **Start** button on the Control Panel. The gradation check process starts and gradated color patch prints are printed.
- 4 Repeat the process for each screen for which you want to check the gradation.

Manual Adjust

The Manual Adjust feature enables you to modify each color (CMYK) for Low, Mid, and High densities. You can also modify the same settings for the highlight values of each screen.



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.

123...

1

Touch the **Manual Adjust** button on the *Auto Color Calibration* screen. The *Manual Adjust* screen appears.

Tools Mode

Auto Color Calibration:
Manual Adjust Close

- Select a button at the intersection of a color and the value to be changed.
- The value of the selected button will appear in the readout on the right.
- Use the arrow buttons to change the value, then press Enter.
- Press the Start button on the Control Panel to recalibrate with the new value(s).

| | Common Values for All Screens | | | | | Highlight Values for Each Screen | | | | |
|--|-------------------------------|------|-----|-------|-------|----------------------------------|------|------|------|---|
| | Low1 | Low2 | Mid | High2 | High1 | 150C | 200C | 200R | 600R | |
| | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | <div>Readout</div> <div>▲</div> <div>▼</div> <div>Enter</div> |
| | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | |
| | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | |
| | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | |

2 Tools Mode

The value displayed for each setting, 128, is the mid point between 0 and 255. 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.



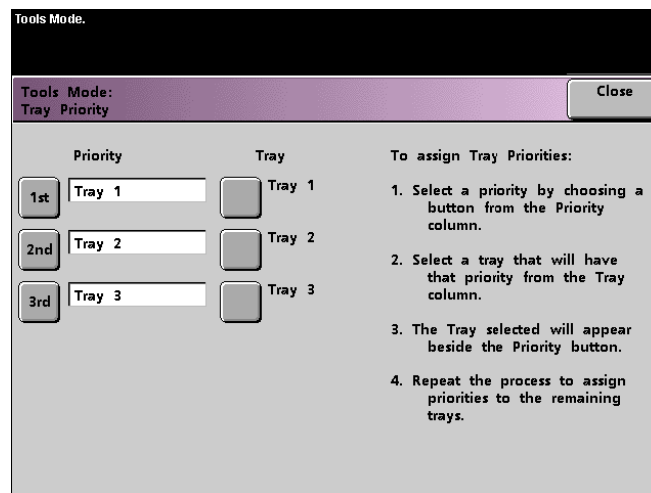
Key point: It is recommended that you run the Check Gradation procedure for the screening type that you are adjusting. Do a before and after comparison to verify your changes.

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.

123...

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



2 Tools Mode

- 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.

| Tools Mode: System Timers | | Close |
|-----------------------------------|----|-------|
| Power Saver Min. | 60 | |
| Auto Resume Scan Min. | 2 | |
| Auditron Mode Off Min. | 2 | |
| Screen Saver Min. | 10 | |
| Auto Resume Print Min. | 2 | |
| Job Complete Min. | 2 | |
| Job Spacing Sec. | 7 | |
| Auto Resume Stop Min. | 2 | |
| Job Program Incomplete Min. | 2 | |
| Tools Off Min. | 10 | |
| Auto Resume Hold Min. | 2 | |

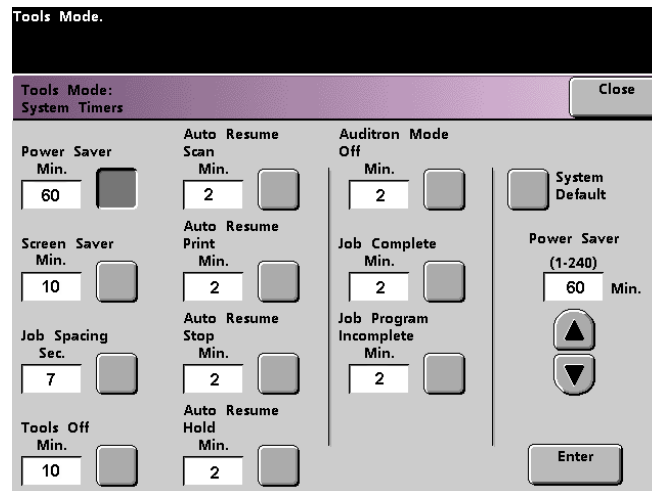
Power Saver

Use this feature to set the time that elapses until the digital press with scanner 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 with scanner exits the Power Saver mode when a job is sent to be printed.

123...

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



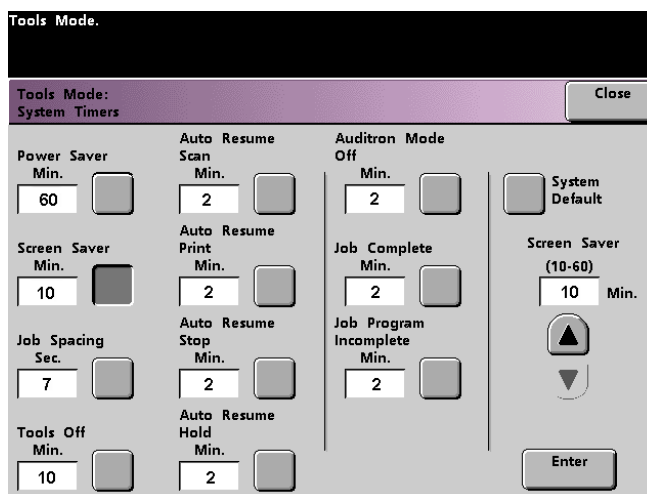
- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 240 minutes.
To use the system default time of 60 minutes, touch the **System Default** button.
- 3 Touch the **Enter** button on the screen to enter the new time into the system.
- 4 Touch the **Close** button to return 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 with scanner is idle for a period of time.

123...

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



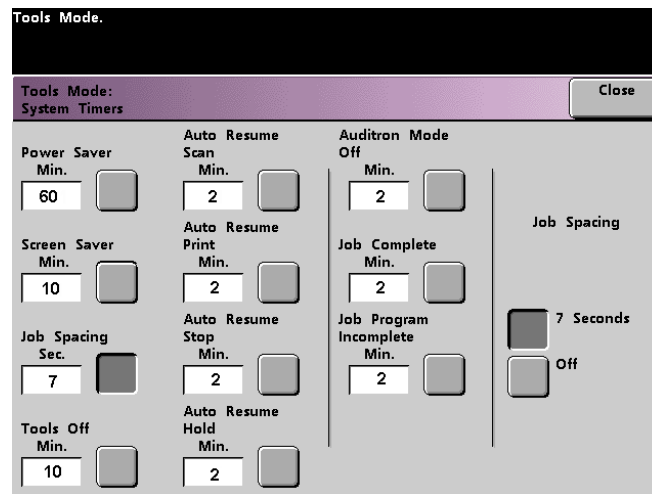
- 2 Use the up or down arrow buttons to change the time. The range available is 10 to 60 minutes.
To use the system default time of 10 minutes, touch the **System Default** button.
- 3 Touch the **Enter** button on the screen to enter the new time into the system.
- 4 Touch the **Close** button to return 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.



- 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

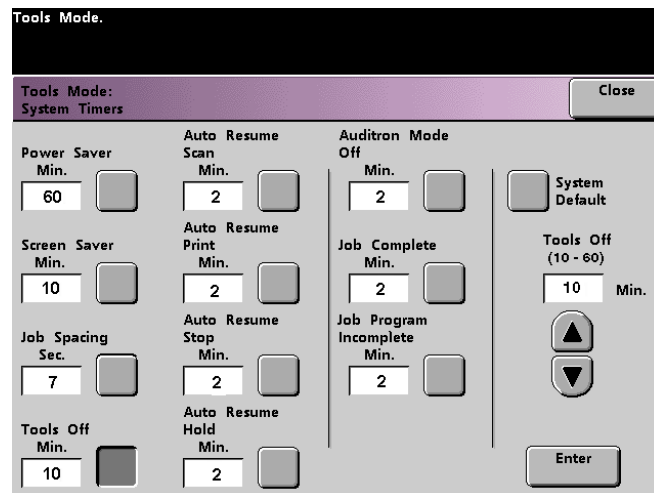
Use the Tools Off feature to have the digital press with scanner automatically return to the printing or scanning mode when no action has been taken on the Tools Mode screens after the set amount of time.



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.



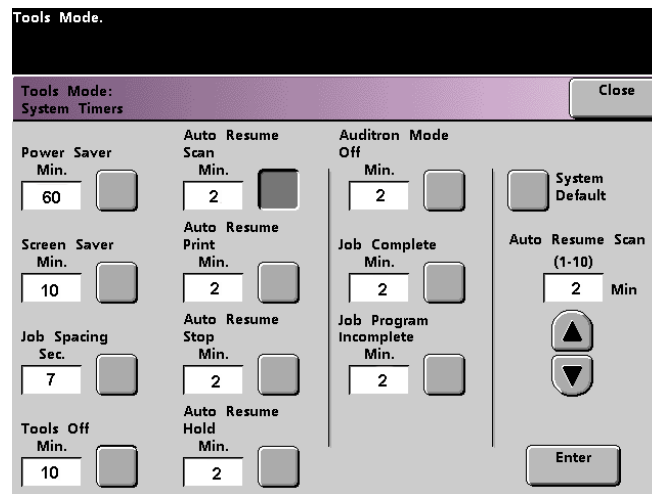
- 2 Use the up or down arrow buttons to change the time. The range available is 10 to 60 minutes.
To use the system default time of 10 minutes, touch the **System Default** button.
- 3 Touch the **Enter** button on the screen to enter the new time into the system.
- 4 Touch the **Close** button to return to the *Machine Defaults 1* screen, or select another timer to change.

Auto Resume Scan

Use the Auto Resume feature to restart a copy job automatically after a fault is cleared and a scanned job is waiting for user instruction, or to restart a copy 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.



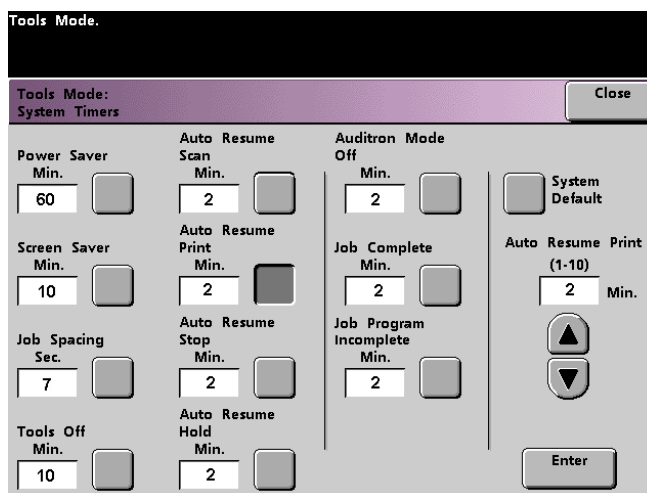
- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 10 minutes.
To use the system default time of 2 minutes, touch the **System Default** button.
- 3 Touch the **Enter** button on the screen to enter the new time into the system.
- 4 Touch the **Close** button to return 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.



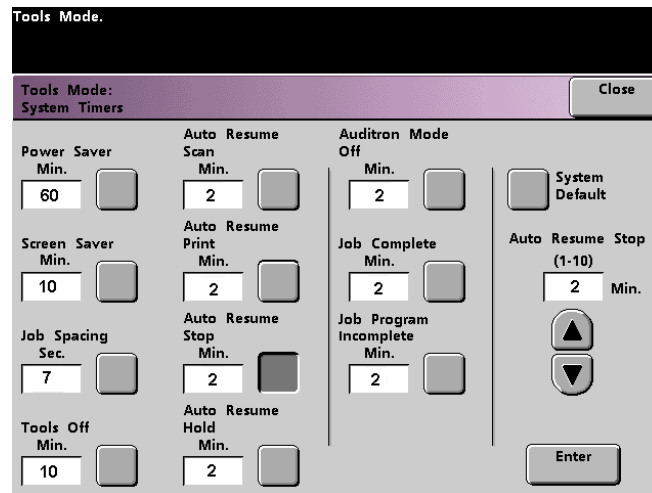
- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 10 minutes.
To use the system default time of 2 minutes, touch the **System Default** button.
- 3 Touch the **Enter** button on the screen to enter the new time into the system.
- 4 Touch the **Close** button to return 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.



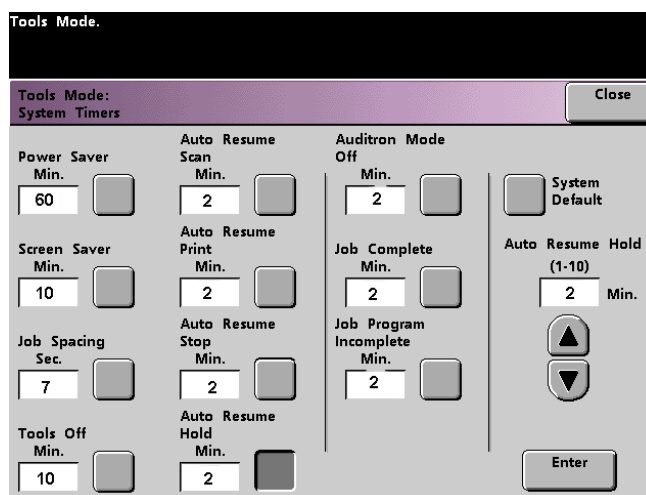
- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 10 minutes.
To use the system default time of 2 minutes, touch the **System Default** button.
- 3 Touch the **Enter** button on the screen to enter the new time into the system.
- 4 Touch the **Close** button to return 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.



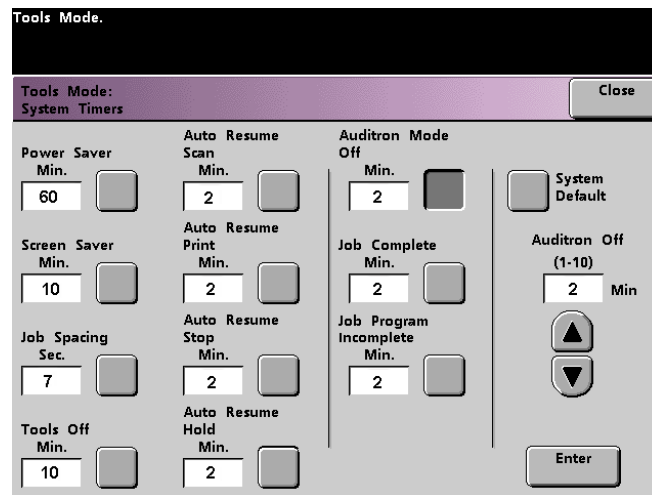
- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 10 minutes.
To use the system default time of 2 minutes, touch the **System Default** button.
- 3 Touch the **Enter** button on the screen to enter the new time into the system.
- 4 Touch the **Close** button to return to the *Machine Defaults 1* screen, or select another timer to change.

Auditron Mode Off

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.



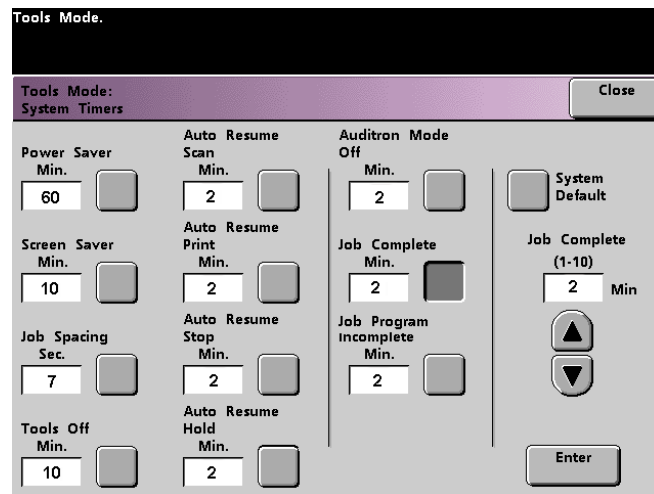
- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 10 minutes.
To use the system default time of 2 minutes, touch the **System Default** button.
- 3 Touch the **Enter** button on the screen to enter the new time into the system.
- 4 Touch the **Close** button to return 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.



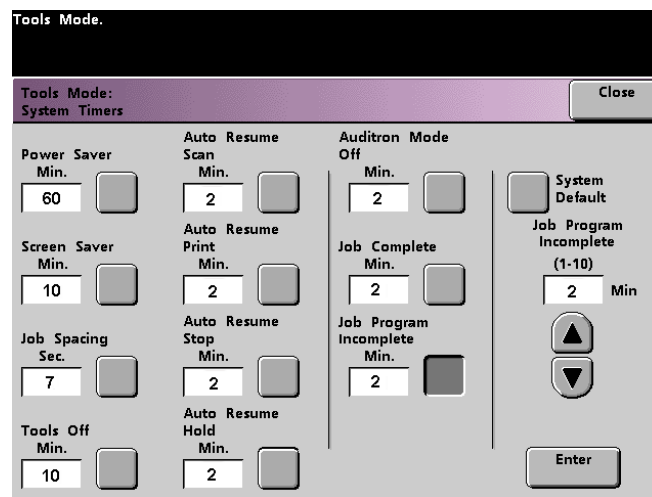
- 2 Use the up or down arrow buttons to change the time. The range available is 1 to 10 minutes.
To use the system default time of 2 minutes, touch the **System Default** button.
- 3 Touch the **Enter** button on the screen to enter the new time into the system.
- 4 Touch the **Close** button to return 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 features 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.



- 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

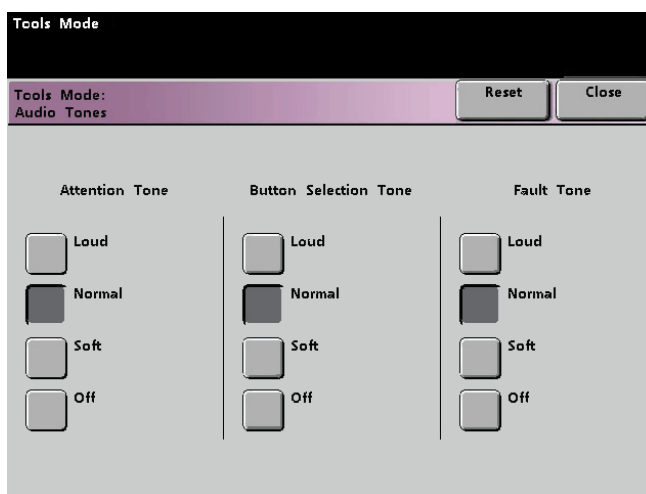
There are three types of audio tones that can be activated on the digital press with scanner, as shown in the following table.

| 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.

123...

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



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

Productivity Setting

The following table displays the productivity speeds for various substrates. The Productivity Setting is not accessible and can not be changed.

| Substrate | Paper Size | | Simplex | Duplex |
|----------------------------|------------|----------|----------|-----------|
| | Min (mm) | Max (mm) | | |
| 64 - 80 g/m ² | 210.0 | 216.0 | 45 ppm | 22.5 ppm |
| | 216.1 | 432.0 | 30 ppm | 15 ppm |
| | 432.1 | 458.0 | 22.5 ppm | 11.25 ppm |
| | 458.1 | 488.0 | 22.5 ppm | - |
| 81 - 105 g/m ² | 182.0 | 216.0 | 52.5 ppm | 22.5 ppm |
| | 216.1 | 297.0 | 45 ppm | 22.5 ppm |
| | 297.1 | 458.0 | 30 ppm | 15 ppm |
| | 458.1 | 488.0 | 22.5 ppm | - |
| 106 - 135 g/m ² | 182.0 | 216.0 | 30 ppm | 15 ppm |
| | 216.1 | 297.0 | 22.5 ppm | 11.25 ppm |
| | 396.1 | 458.1 | 15 ppm | 7.5 ppm |
| | 458.1 | 488.0 | 15 ppm | - |
| 136 - 150 g/m ² | 182.0 | 216.0 | 30 ppm | 15 ppm |
| | 216.1 | 396.0 | 22.5 ppm | 11.25 ppm |
| | 396.1 | 458.1 | 15 ppm | 7.5 ppm |
| | 458.1 | 488.0 | 15 ppm | - |
| 151 - 220 g/m ² | 182.0 | 280.0 | 22.5 ppm | 11.25 ppm |
| | 280.1 | 432.0 | 15 ppm | 7.5 ppm |
| | 432.1 | 458.0 | 7.5 ppm | 3.75 ppm |
| | 458.1 | 488.0 | 7.5 ppm | - |
| 221 - 280 g/m ² | 182.0 | 280.0 | 22.5 ppm | - |
| | 280.1 | 432.0 | 15 ppm | - |
| | 432.1 | 458.0 | 7.5 ppm | - |
| Transparency | 210.0 | 216.0 | 22.5 ppm | - |
| | 216.1 | 488.0 | - | - |

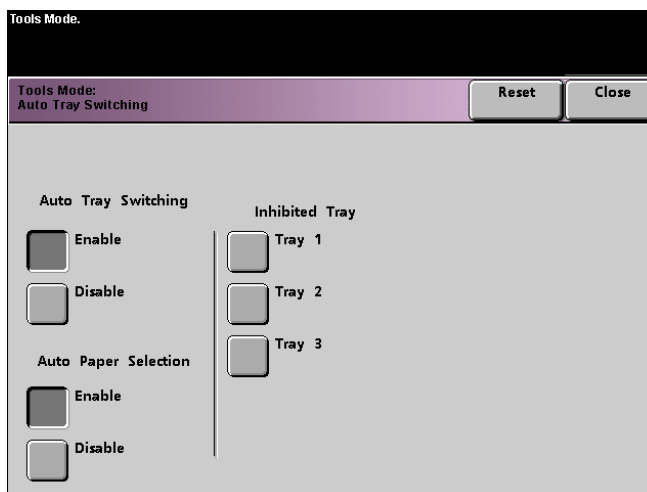
Auto Tray Switching

This feature allows you to set the default settings for the Auto Tray Switching, Auto Paper Selection, and the Inhibited Tray options.

| Default Setting | What the Default Does |
|----------------------|---|
| 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.



- 2 Touch the **Enable** or **Disable** button for the Auto Tray Switching option.

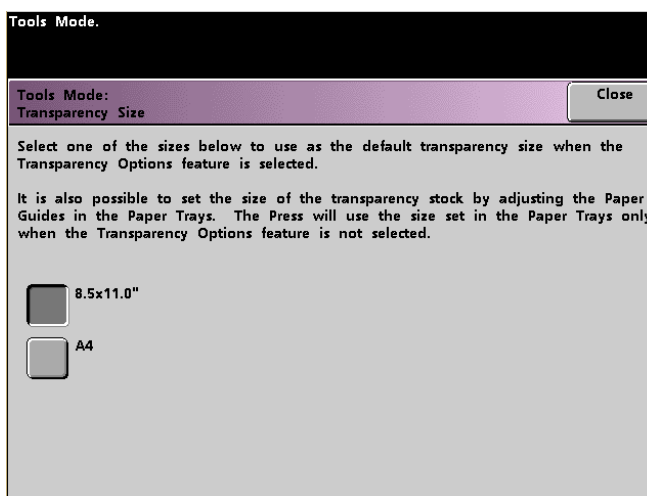
- 3 Touch the **Enable** or **Disable** button for the Auto Paper Selection option.
- 4 To instruct the digital press to bypass one or more of the paper trays, touch the desired Paper Tray button in the Inhibited Tray column.
To deselect a paper tray, touch that Paper Tray button again.
To return the 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

Use the Transparency Size button to change the default size for printing on transparencies. Your options are 8.5 x 11.0 inch and 8.3 x 11.7 inch (or A4).

123...

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



- 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.

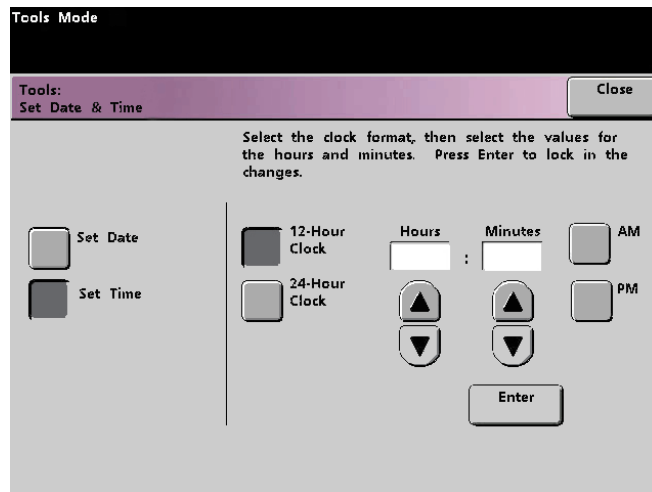
2 Tools Mode

- 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.



- 3 Touch the **12 Hour Clock** or the **24 Hour Clock** button.
- 4 Use the up or down arrow buttons to set the correct hour and minutes.
If you selected the 12 Hour Clock, touch the **AM** or **PM** button.
- 5 Touch the **Enter** button on the screen to save your selections.
The next time you enter the Tools Mode, the time that you set will be displayed.
- 6 Touch the **Close** button to return to the *Machine Defaults 1* screen.

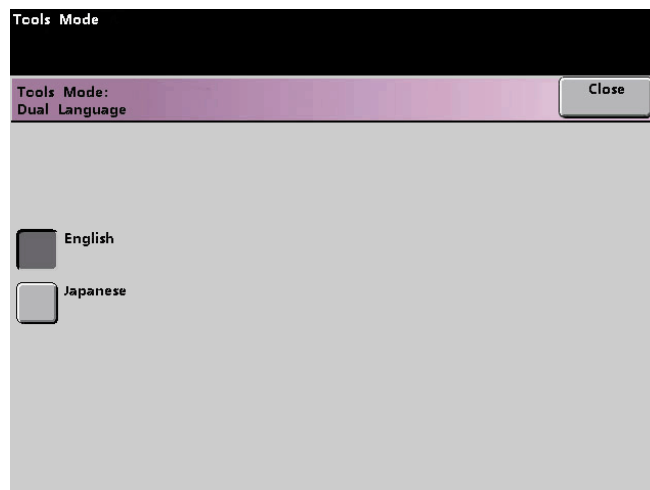
Dual Language

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

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.



Non-Standard Paper Size

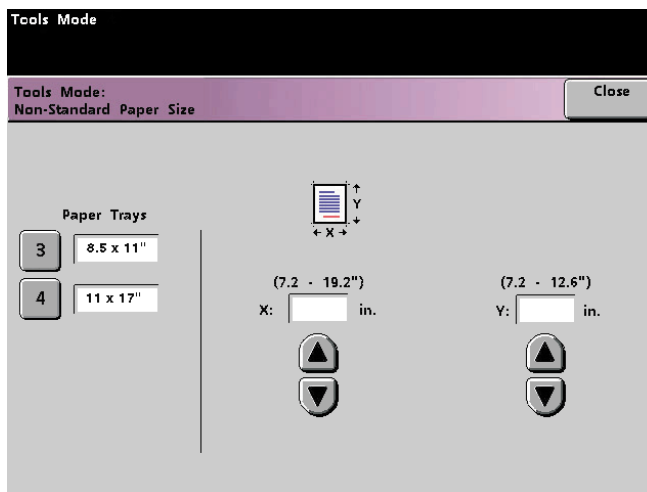
You can run non-standard sized paper from Tray 3 by entering the paper size on the Non-Standard Paper Size screen for the tray being used.



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.



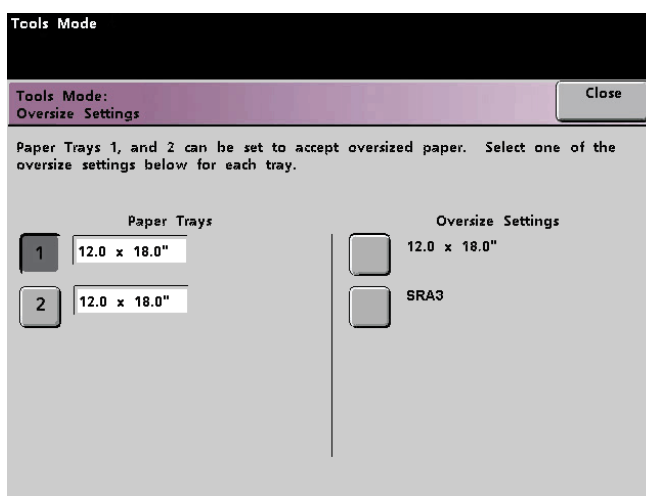
- 2 Touch the desired Paper Tray button on the *Non-Standard Paper Size* screen.
- 3 Use the up or down arrow buttons on the screen to enter the X and Y dimensions of the paper being used in the tray. The dimensions shown on the screen above the X and Y boxes indicate the minimum and maximum sizes you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

Oversize Settings

You can use Trays 1 and 2 to run 12 x 18 inch or SRA3 (12.6 x 17.7 inch, 320 x 450 mm) paper by having your Xerox representative remove the side paper guide on the paper tray, then selecting the tray and the paper size on this screen.

123...

- 1 Touch the **Oversize Settings** button on the *Machine Defaults 1* screen. The *Oversize Settings* screen appears.



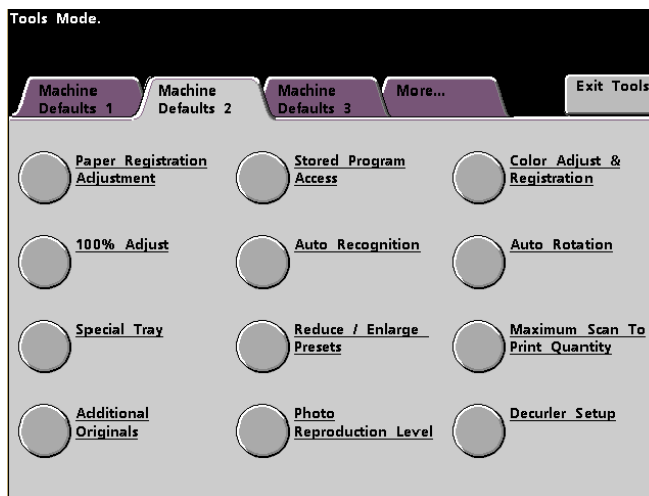
- 2 Touch the **Tray 1** or **Tray 2** button on the *Oversize Settings* screen.
- 3 Touch the button for the oversize paper you want to run in the tray.
- 4 Touch the **Close** button to return to the *Machine Defaults 1* screen.
- 5 To use these settings, exit the Tools Mode and run the job from the tray programmed.

Machine Defaults 2

This section describes the features available to you through the *Machine Defaults 2* screen. You can access the following DocuColor features through the *Machine Defaults 2* screen:

- [Paper Registration Adjustment](#)
- [100% Adjust](#)
- [Special Tray](#)
- [Additional Originals](#)
- [Stored Program Access](#)
- [Auto Recognition](#)
- [Reduce/Enlarge Presets](#)
- [Photo Reproduction Level](#)
- [Color Adjust & Registration](#)
- [Auto Rotation](#)
- [Maximum Scan To Print Quantity](#)
- [Decurler Setup](#)

Select the **Machine Defaults 2** tab, and the *Machine Defaults 2* screen appears.



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 misregistered. 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 color server 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 color server.

123...

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

1

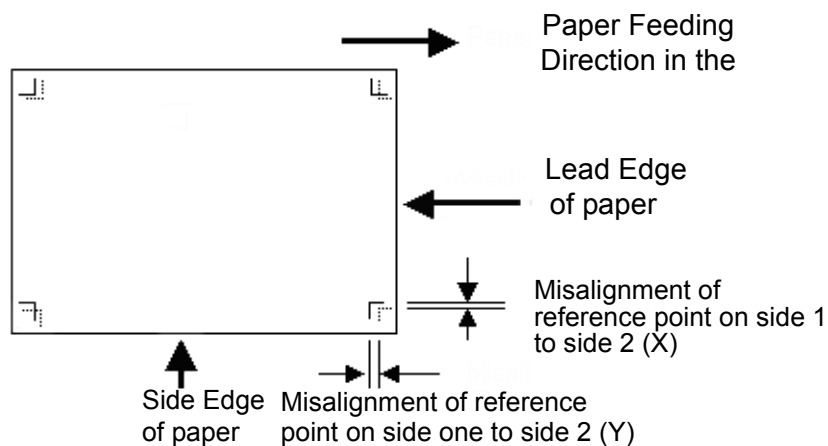
Prepare the image, or images, by noting a reference point on side one, or by placing registration marks at the image border. You can use a reference point within the image or at the corner of the image.



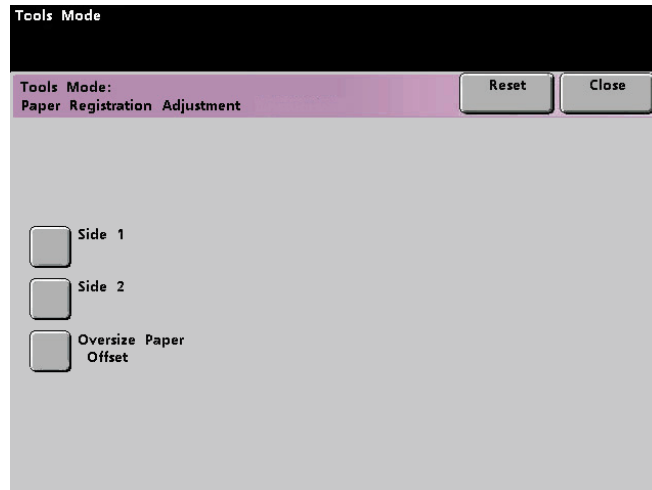
Key point: Remember that the digital press does not print bleed edge images.

- 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 misregistration, 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 Misregistration figure below. The solid line registration marks indicate the reference point on side one. The dotted lines indicate the reference point on side two.



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

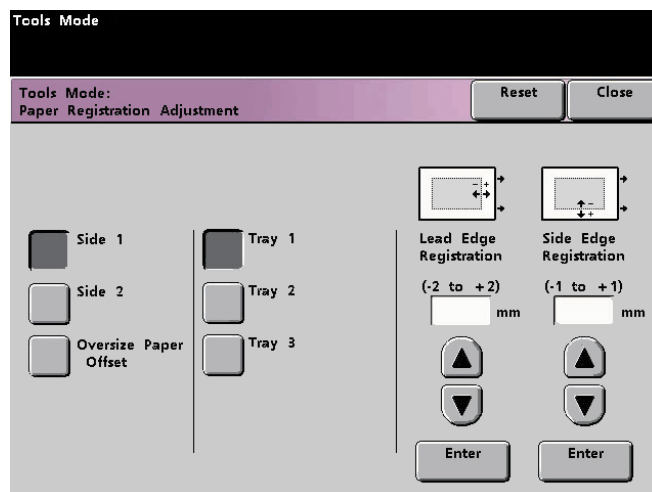


- 5** Select either the **Side 1** or **Side 2** button to adjust the registration.



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.



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

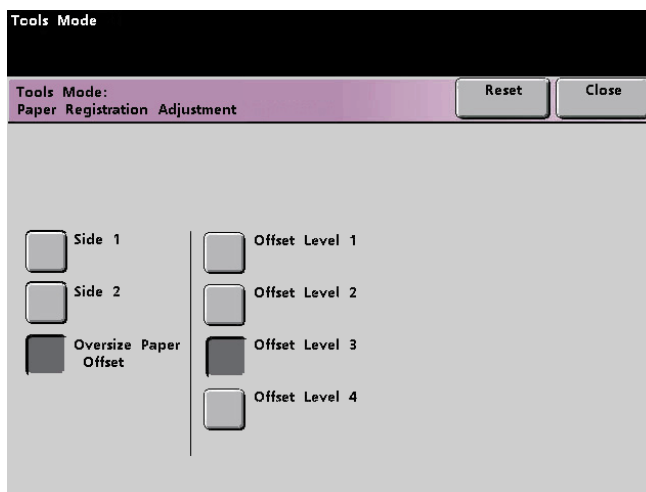


Key point 1: Remember that the Lead Edge Registration adjustment is the feeding edge, or Y direction. The Side Edge Registration adjustment is the front to back, or X, direction.

Key point 2: 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.

Key point 3: 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.



- 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.

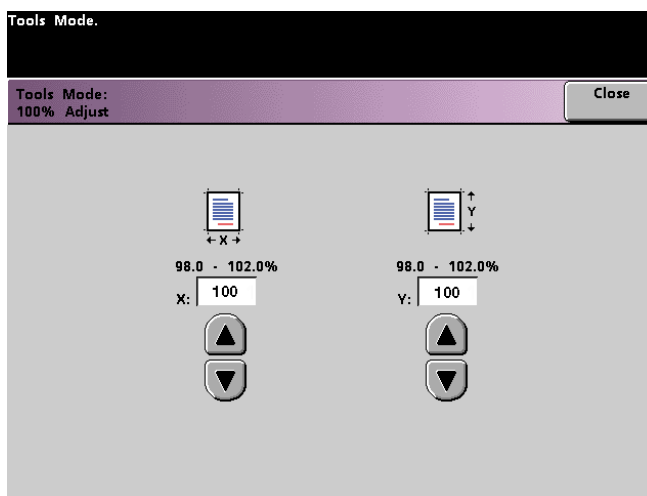
| Paper Size | Level 1 | Level 2 | Level 3 | Level 4 |
|------------|---------|---------|---------|---------|
| 310mm | 10.0mm | 10.0mm | 10.0mm | 10.0mm |
| 311mm | 9.5mm | 9.5mm | 9.5mm | 9.5mm |
| 312mm | 9.0mm | 9.0mm | 9.0mm | 9.0mm |
| 313mm | 8.5mm | 8.5mm | 8.5mm | 8.5mm |
| 314mm | 8.0mm | 8.0mm | 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 with scanner. 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.



- 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 special materials for each of the following features:

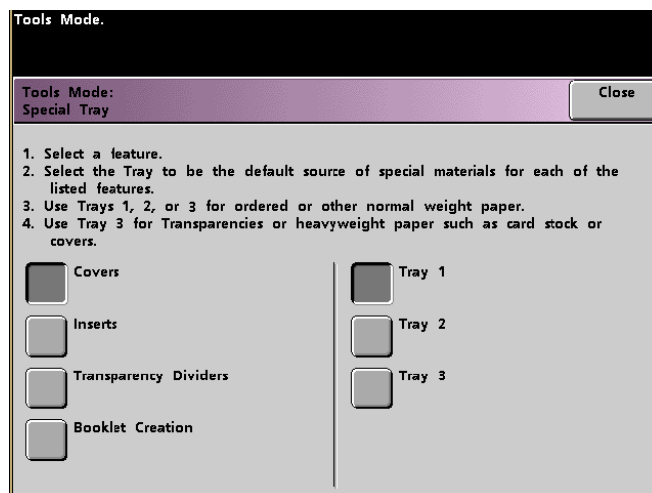
- Covers
- Inserts
- Transparency Dividers
- Booklet Creation



Note: For more information on Covers, Inserts, Transparency Dividers, and Booklet Creation, please see the digital press *Operator Manual* (see pages 5-87, 5-88, 5-92, 5-96, and 5-99).

123...

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



- 2 Select the tray to which you want the machine to default when printing on special materials.

Note: If you select Transparency Dividers, Tray 3 becomes unavailable.

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

Additional Originals

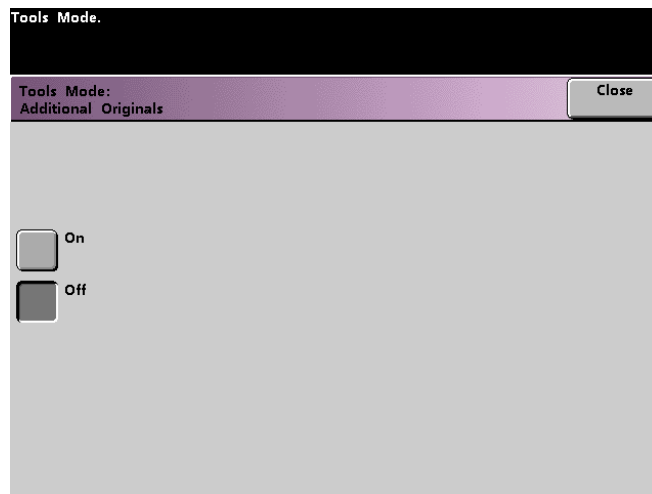
Use the Additional Originals feature to scan, into one job, documents that have different programming requirements, or documents that must be scanned from different input areas. The original documents may be scanned using the Platen Glass, the DADF, or a combination of both.

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.



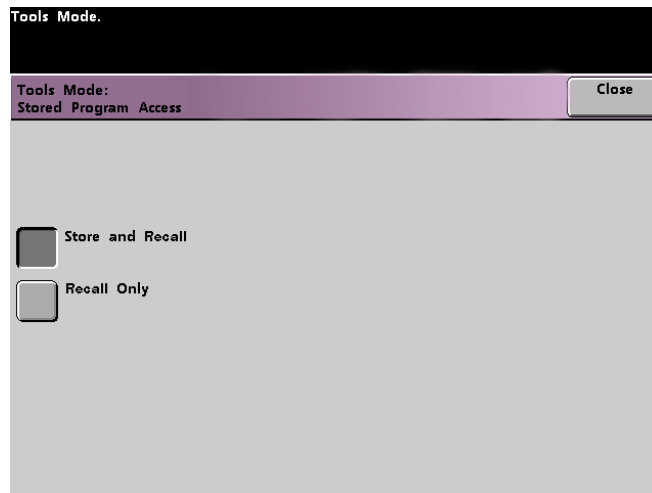
- 2 Touch the **On** or **Off** button.
- 3 Touch the **Close** button to return to the *Machine Defaults 2* screen.

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.



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

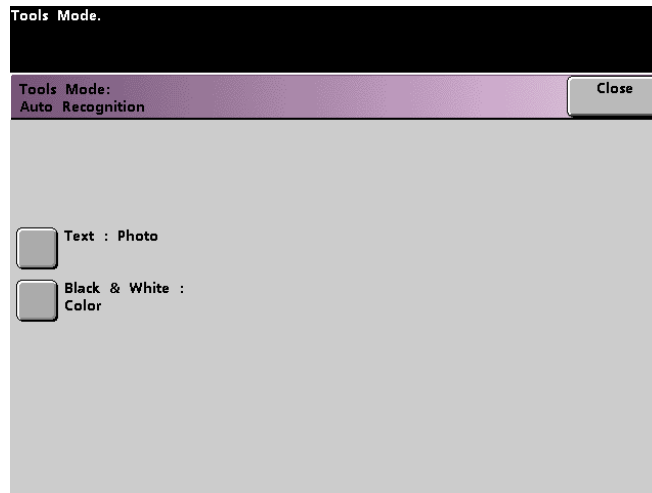
Auto Recognition

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.

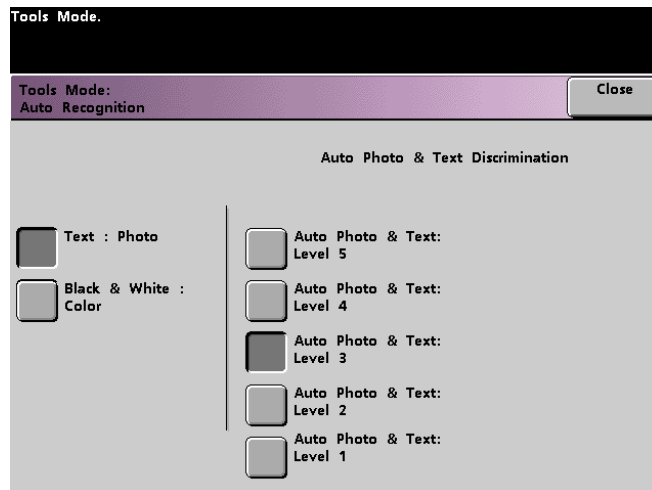
| Content Type | Levels |
|----------------------|--|
| Text: Photo | <p>Level 5: Use this setting when scanned originals contain more Photo than Text</p> <p>Level 3: Use this setting when scanned originals contain equal amounts of Text and Photo</p> <p>Level 1: Use this setting when scanned originals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

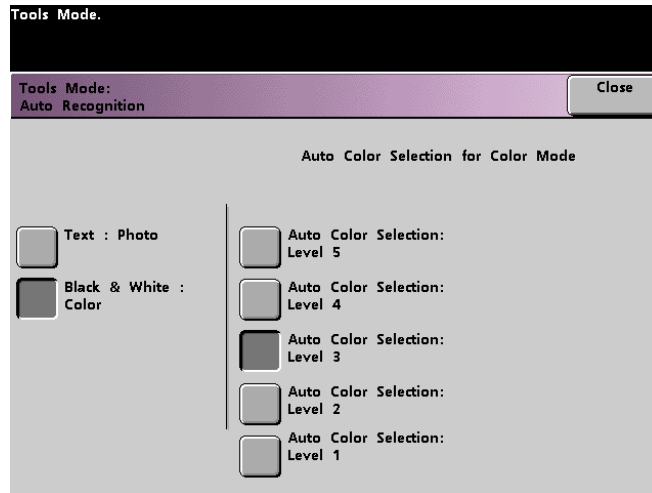
123...

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



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





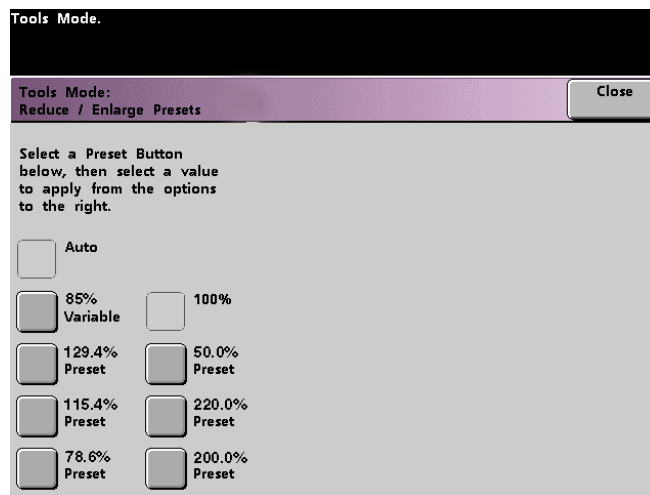
- 3** Touch the button for the desired level on the popup screen. The available levels are 1 to 5.
- 4** Touch the **Close** button to return to the *Machine Defaults 2* screen.

Reduce/Enlarge Presets

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

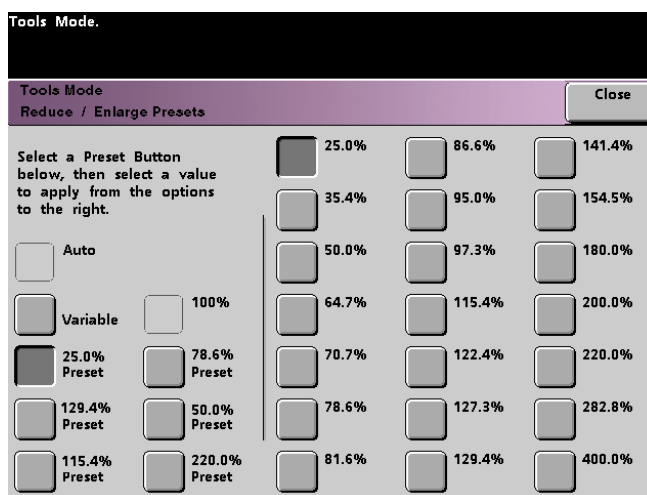
123...

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



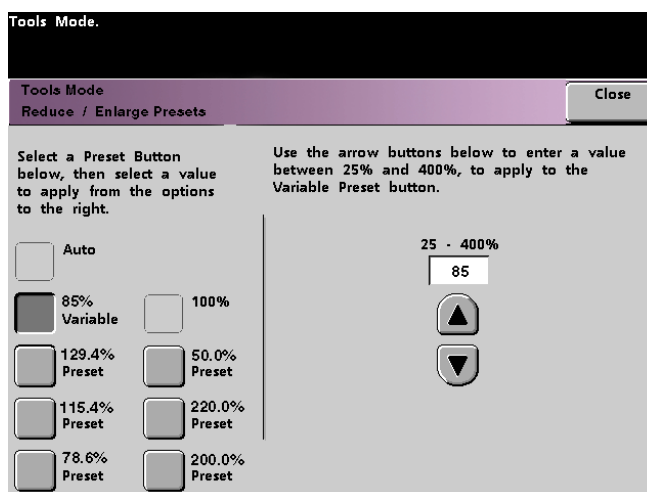
2 Tools Mode

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



- 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

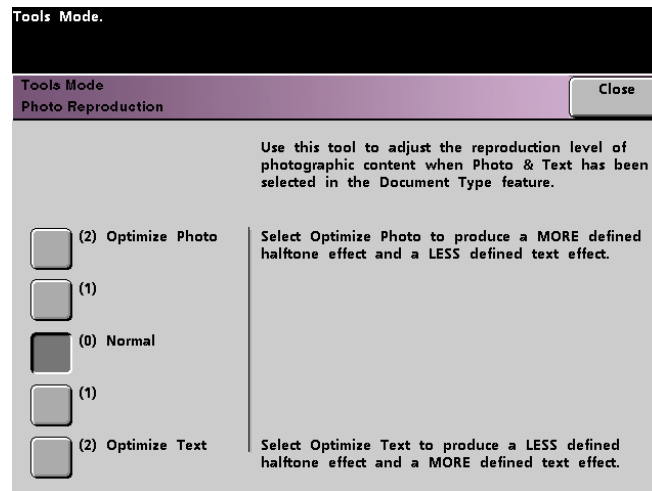
Use the Photo Reproduction Level feature to adjust the reproduction level on your digital press with scanner. Each reproduction level varies in the definition of halftone effect and text effect. Select a default level that represents the type of image that is most frequently scanned.

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.

123...

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



2 Tools Mode

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

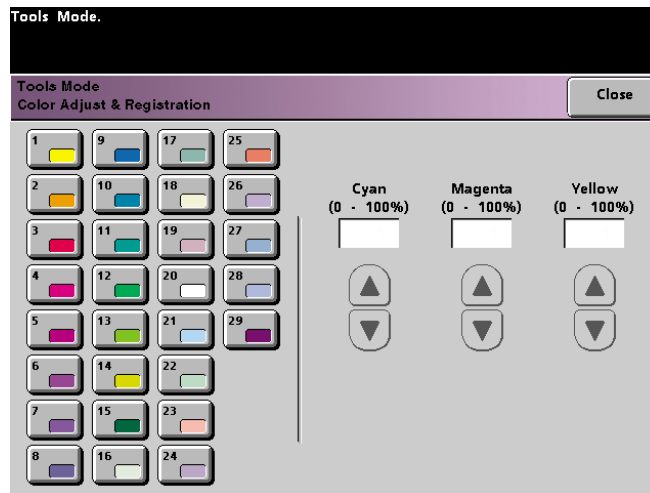
Color Adjust & Registration

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.



- 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.

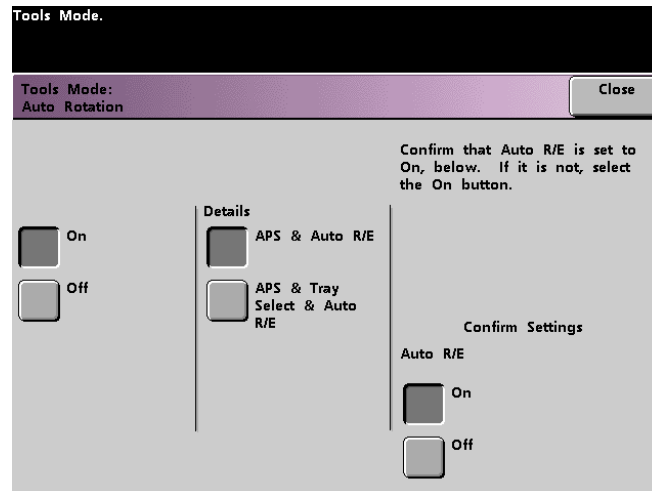
- [Auto R/E](#) - You are prompted to confirm the rotation if [Auto%](#) is selected under [Reduce/Enlarge](#) on the [Basic Features](#) screen.
- [Tray Select](#) - You are prompted to confirm the rotation if you have selected a specific paper tray on the [Basic Features](#) screen. This appears on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



Note: Depending on your software version, the Auto Paper Selection option may not be enabled. In this case, the Auto Rotation feature ignores Auto Paper Selection. The Auto Rotation feature does work for Auto Reduce/Enlarge and Tray Select with all versions of software.

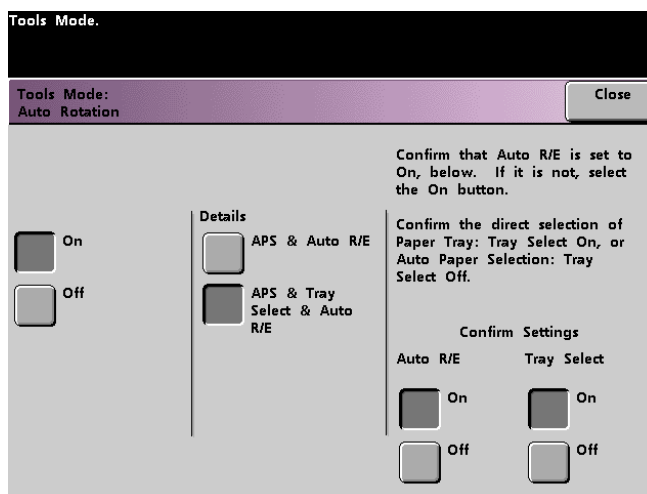
123...

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



- 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.



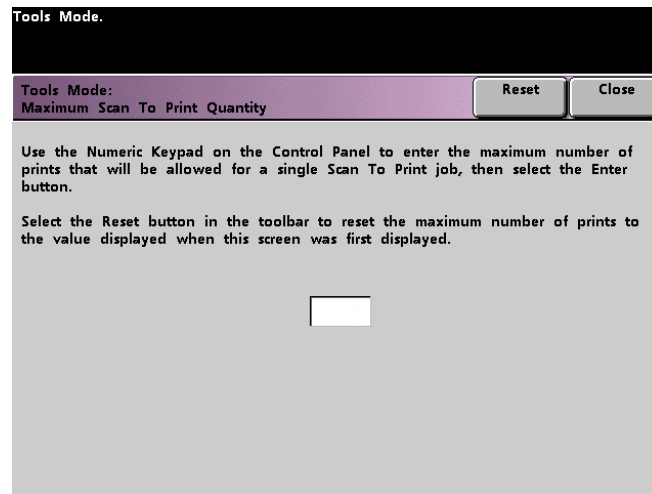
- 4** Touch the **On** or **Off** button in the lower-right corner of the screen to confirm your settings for either selection.
- The Tray Select confirmation buttons appear only if you have selected APS & Tray Select & Auto R/E.
- 5** Touch the **Close** button to return to the *Machine Defaults 2* 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.



- 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 with scanner is located.
- The heat generated during the fusing processes.

The digital press 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.

Paper Types A, B, and C, shown in the following table, are the parameters established for how papers interact with the digital press. Refer to the Recommended Materials List for the recommended settings for grades of paper. Variability from one lot of paper to another may require selecting a different Decurler setting.

| Paper Weights | Tray 1 | Tray 2 | Tray 3 Uncoated | Tray 3 Coated |
|----------------------------|--------|--------|--------------------|------------------|
| 64 - 80 g/m ² | A | A | A | A |
| 81 - 105 g/m ² | A | A | A | B |
| 106 - 135 g/m ² | B | B | B | A |
| 136 - 150 g/m ² | A | A | A | A |
| 151 - 220 g/m ² | A | A | A | A |
| 221 - 280 g/m ² | N/A | N/A | A | A |

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, proceed to step 2.
- 2 On the *Machine Defaults 2* screen, touch the **Decurler Setup** button. The *Decurler Setup* screen appears.

The screenshot shows the 'Tools Mode' interface with a black header. Below the header is a purple bar with the text 'Tools Mode: Decurler Setup' and two buttons, 'Reset' and 'Close'. The main area is a light gray grid with four columns: 'Paper Tray', 'Coating', 'Paper Weight', and 'Paper Type'. The 'Paper Tray' column has four buttons labeled 1, 2, 3, and 4. The 'Coating' column has two buttons labeled 'Uncoated' and 'Coated'. The 'Paper Weight' column has six buttons labeled with weight ranges: '64-80 g/m2', '81-105 g/m2', '106-135 g/m2', '136-150 g/m2', '151-220 g/m2', and '221-280 g/m2'. The 'Paper Type' column has three buttons labeled 'Type A', 'Type B', and 'Type C'.

| Paper Tray | Coating | Paper Weight | Paper Type |
|------------|----------|--------------|------------|
| 1 | Uncoated | 64-80 g/m2 | Type A |
| 2 | Coated | 81-105 g/m2 | Type B |
| 3 | | 106-135 g/m2 | Type C |
| 4 | | 136-150 g/m2 | |
| | | 151-220 g/m2 | |
| | | 221-280 g/m2 | |

- 3 When a Paper Tray on the screen is selected, the default selections for Paper Weight and Paper Type are automatically selected. Touch the number of the Paper Tray from which the paper is feeding.

The button for 221 - 280 g/m² displays only for Tray 3.

- 4 If there is still too much paper curl after trying the tips in the Key Point on the previous page, follow the remaining steps in this procedure.



Key point: Paper Tray 3 accepts paper weights from 64 to 280 g/m². If you select Paper Tray 3, buttons for **Uncoated** and **Coated** are displayed under the Coating heading.

You may select from any of the displayed paper weights; 64 to 220 g/m², and either coated or uncoated paper. Select the correct paper type if other than Paper Type A. Refer to the tables shown previously in this section for the default settings for various market areas.

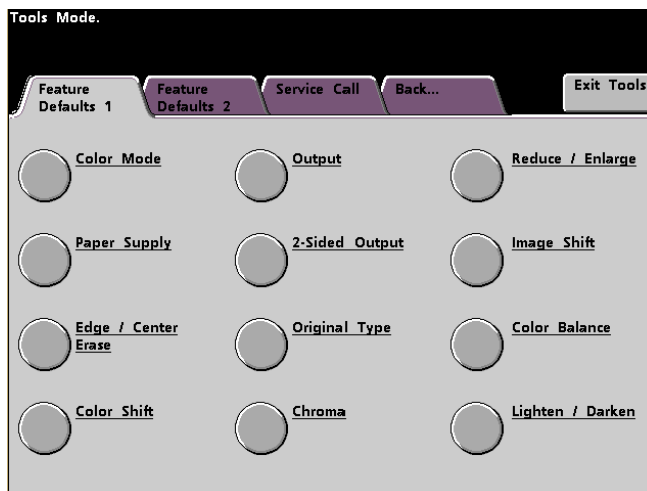
- 5 Touch the **Close** button to save your selections and return to the *Machine Defaults 2* screen. Exit the Tools Mode and run a few test prints to determine if the curl was reduced to a satisfactory level. If curl is still excessive, access the Tools Mode again and try another Paper Type setting. If you are not successful in reducing the curl, call your Xerox service representative.
- 6 Touch the **Reset** button on the *Decurler Setup* screen to return to the settings established when you first accessed the screen.

Feature Defaults 1

This section describes the features available to you through the *Feature Defaults 1* screen. You can access the following DocuColor features through the *Feature Defaults 1* screen:

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

Select the **Feature Defaults 1** tab, and the *Features Defaults 1* screen appears.

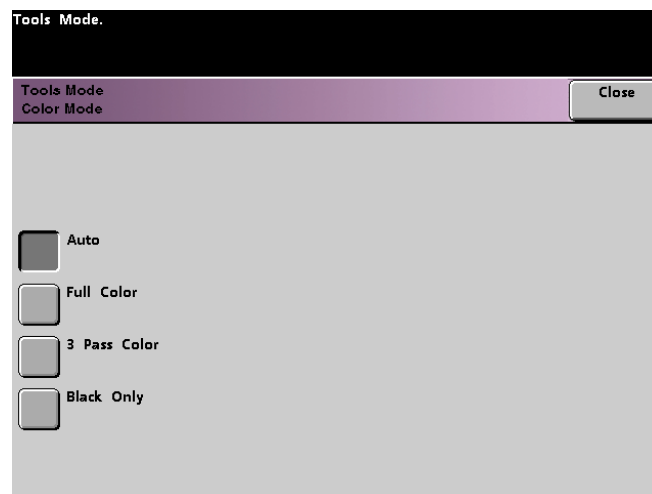


Color Mode

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.



2 Tools Mode

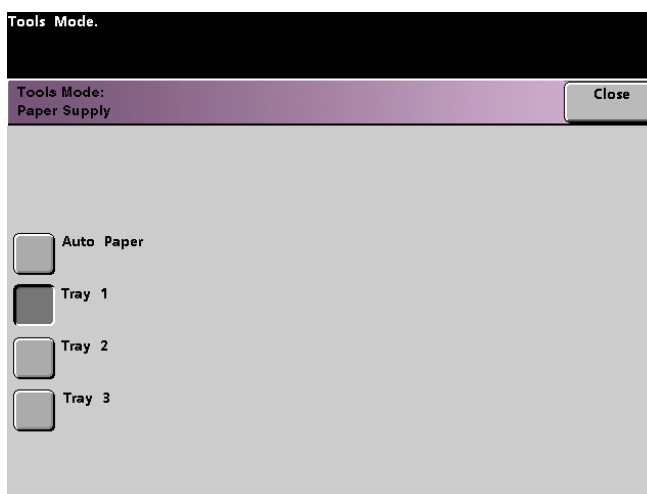
- 4 Touch the **Auto**, **Full Color**, **3 Pass Color**, or **Black** button.
- 5 Touch the **Close** button to return to the *Feature Defaults 1* screen.

Paper Supply

The Paper Supply feature allows you to designate the default paper tray for 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.



- 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.

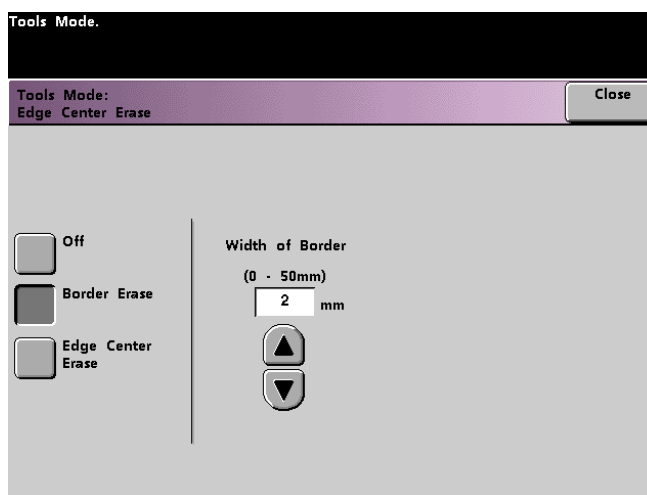
Edge/Center Erase

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.



2 Tools Mode

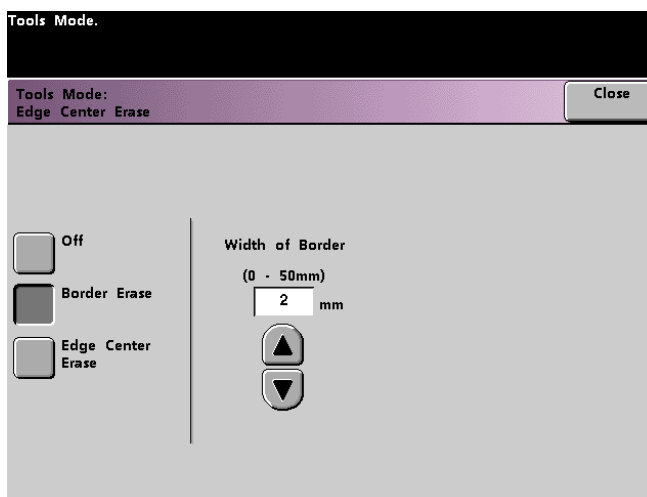
- 4** Touch the **Off** button.
- 5** Touch the Close button to return to the *Feature Defaults 1* screen.

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.



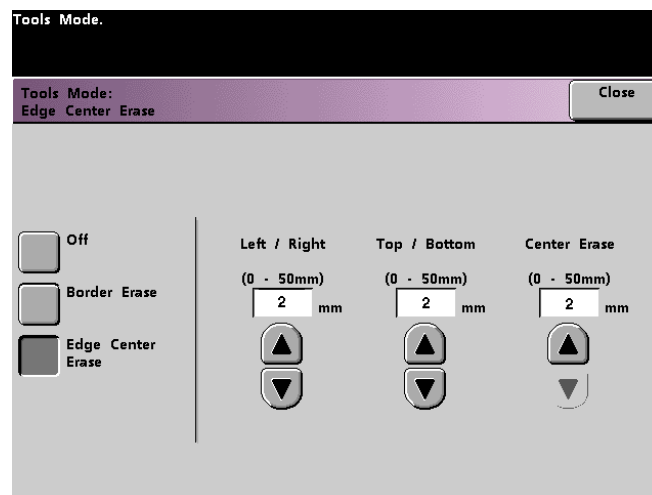
- 5 Use the up or down arrow buttons to select the desired amount of image to be erased on the borders of the print. The range available is 0 to 50mm.
- 6 Touch the **Close** button to return to the *Feature Defaults 1* screen.

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.



- 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

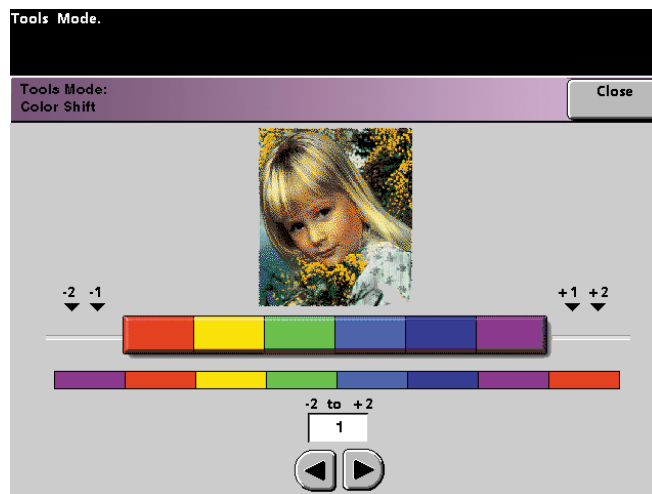
The Color Shift feature allows you to shift the output color of your digital press.

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.



- 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.

Output

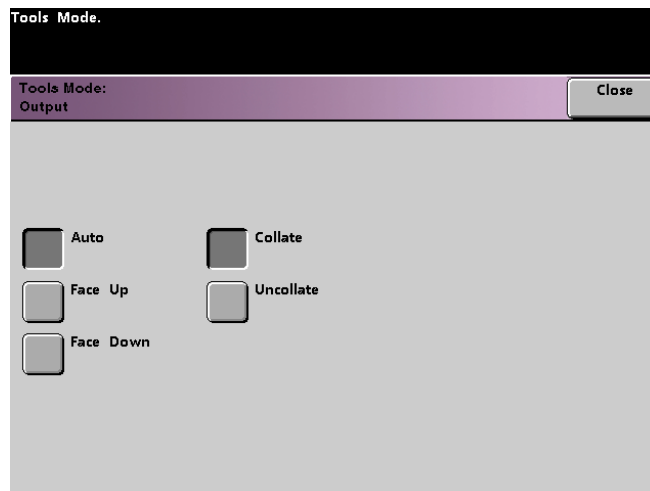
The Output feature allows you to set the default settings that display on the Output option on the *Basic Features* screen. You may select Auto, Face Up, Face Down, Collated, or Uncollated. Selecting Auto enables the digital press to determine the copy output based on the scan of the original document. If Auto is selected, the output from both DADF and the Platen Glass will be Face Up. If you have a High Capacity Stacker, an Enhanced 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 without a finishing device, with a high capacity stacker, with an enhanced high capacity stacker and with a high capacity stacker stapler.

Without a Finishing Device

123...

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

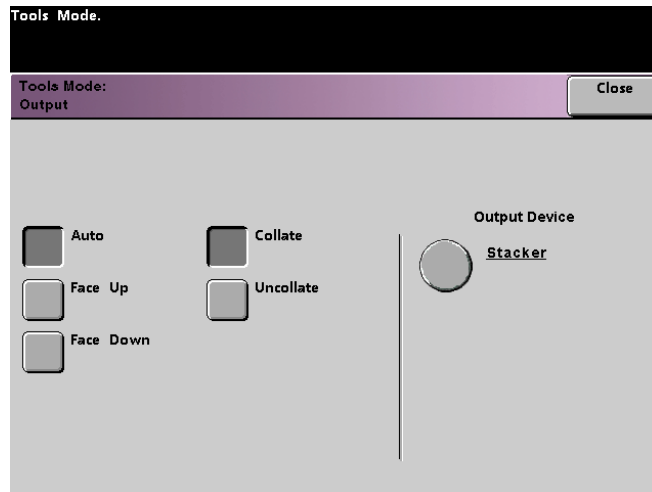


- 2 Touch the **Auto**, **Face Up**, or **Face Down** button.
- 3 Touch the **Collate** or **Uncollate** button.
- 4 Touch the **Close** button to return to the *Feature Defaults 1* screen.

Using a High Capacity Stacker or Enhanced High Capacity Stacker

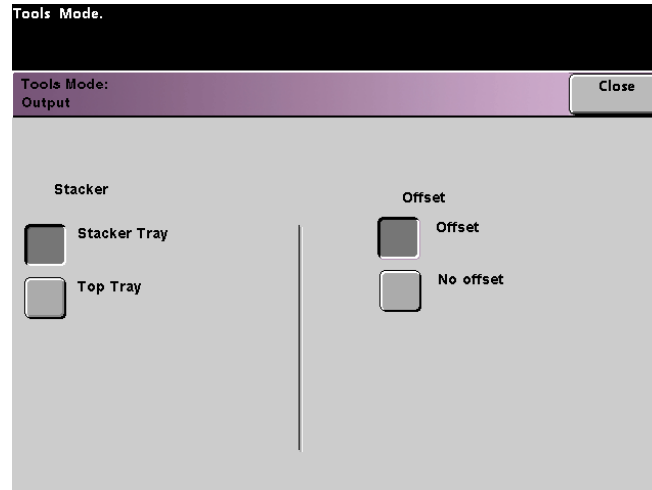
123...

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



- 2 Touch the **Auto**, **Face Up**, or **Face Down** button.
- 3 Touch the **Collate** or **Uncollate** button.

- 4** Touch the **Stacker** button. The Stacker screen appears.

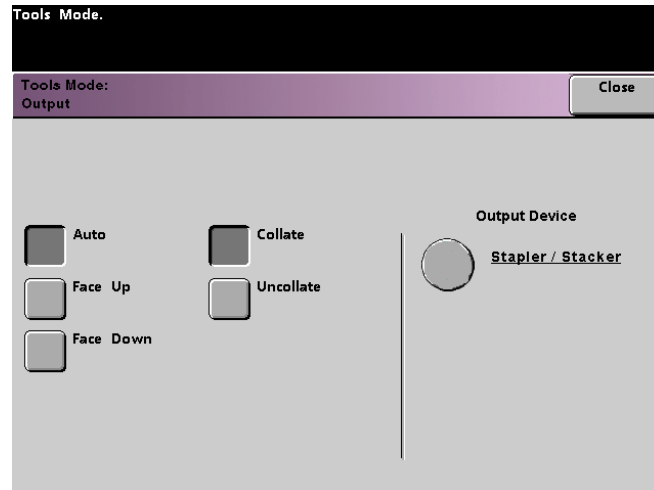


- 5** To send output to the Stacker Tray, touch the **Stacker Tray** button on the popup screen. To send output to the Top Tray, touch the **Top Tray** button.
- 6** If you selected Stacker Tray, touch the **Offset** button to have the printer automatically separate your sets. Touch the **No Offset** button if you do not want your sets separated.
- 7** Touch the **Close** button to return to the *Feature Defaults 1* screen.

Using a High Capacity Stacker Stapler

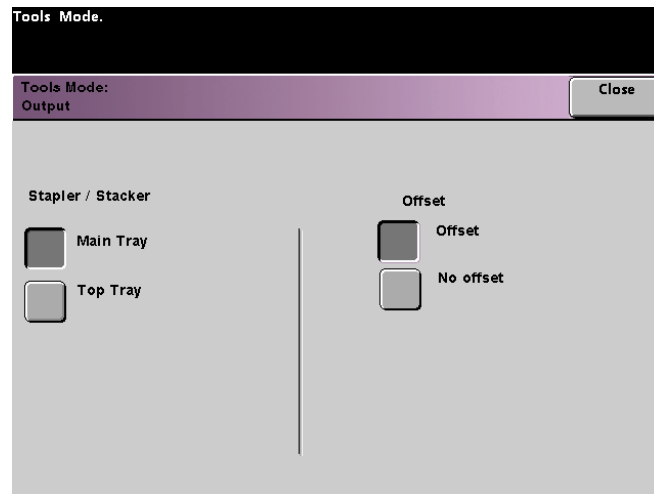
123...

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



- 2 Touch the **Auto**, **Face Up**, or **Face Down** button.
- 3 Touch the **Collate** or **Uncollate** button.

- 4** Touch the **Stapler/Stacker** button. The *Stapler/Stacker* screen opens.



- 5** To send output to the Main Tray, touch the **Main Tray** button on the popup screen. To send output to the Top Tray, touch the **Top Tray** button.
- 6** If you selected Main Tray, touch the **Offset** button to have the printer automatically separate your sets. Touch the **No Offset** button if you do not want your sets separated.
- 7** Touch the **Close** button to return to the *Feature Defaults 1* screen.

2 Sided Output

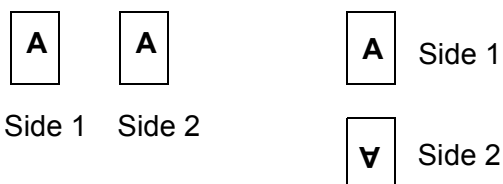
The 2 Sided Output feature allows you to set the default for the 2 Sided output options on the *Added Features* screen for scan to print jobs. The selections available are described in the following table.

| 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.

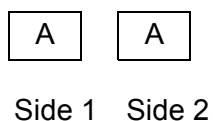
Portrait

Head to Head Head to Toe

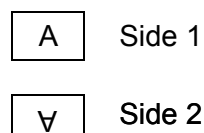


Landscape

Head to Head

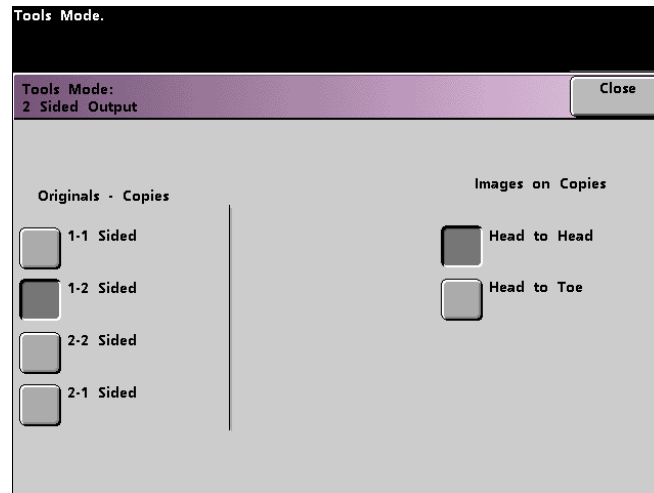


Head to Toe

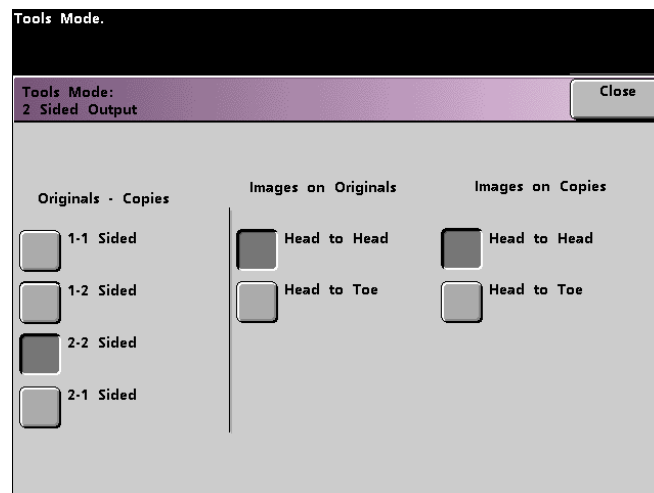


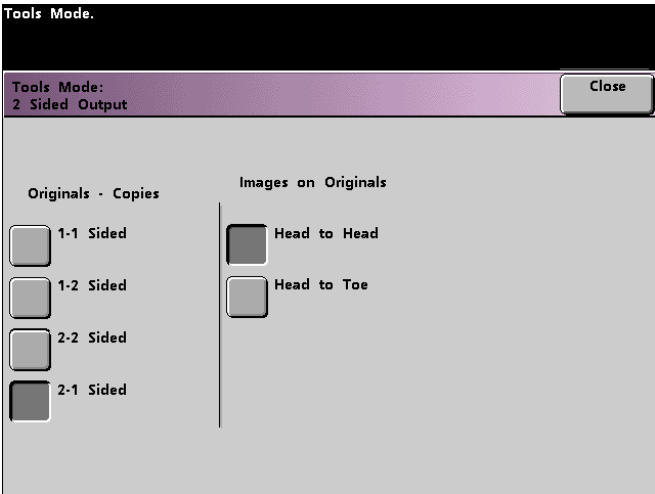
123...

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



- 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.





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.

| 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. |

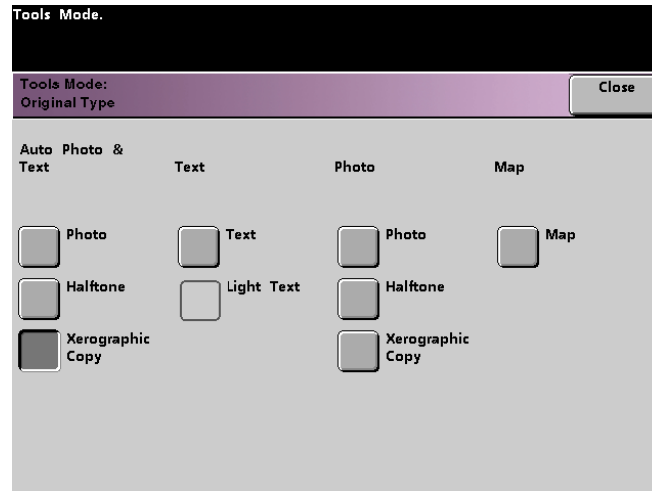


Key point: If you select either **Auto Photo & Text** or **Photo**, you should also select the detail for that original type. The details that can be selected for each of these original types described in the following table.

| 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.



- 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.



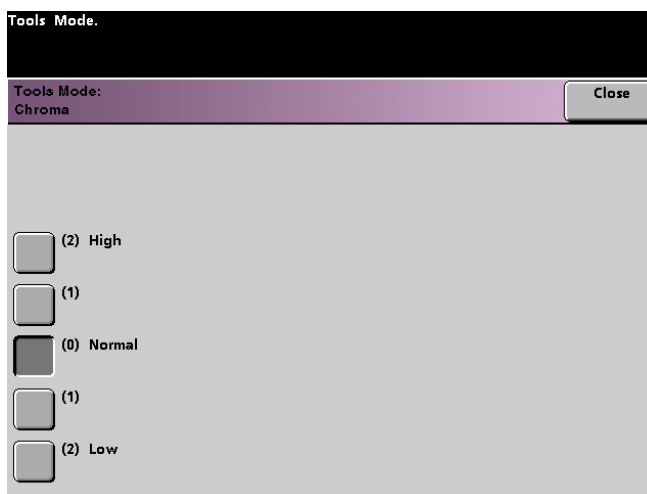
Note: If the Black Only option is selected in the Color Mode feature in Tools Mode, the Light Text option is selectable on this screen. Refer to the Color Mode section in this book for more information on how to change the settings in that feature.

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



- 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.

Reduce/Enlarge

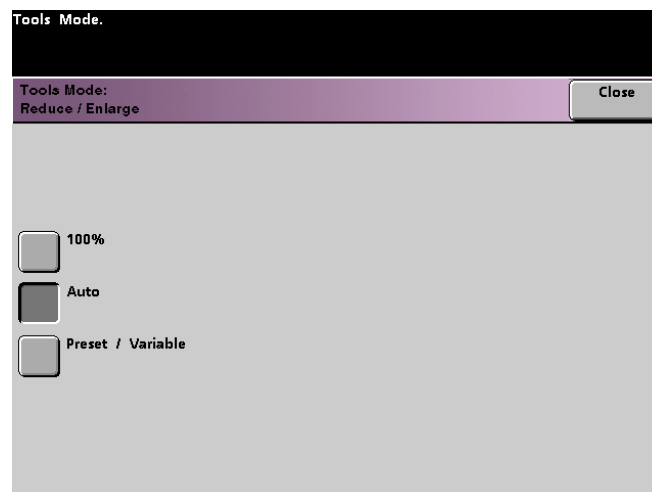
The Reduce/Enlarge option sets the percentage value at 100%, Auto, or Preset/Variable for the default reduction or enlargement option that displays on the *Basic Features* screen.

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.

123...

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



2 Tools Mode

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

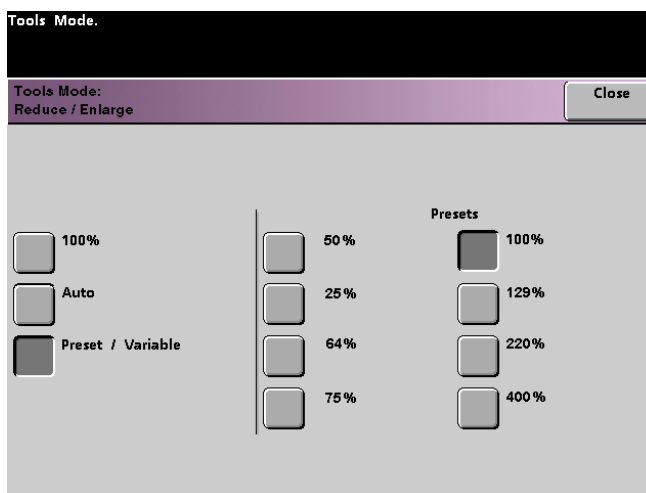
Preset/Variable

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.



- 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.

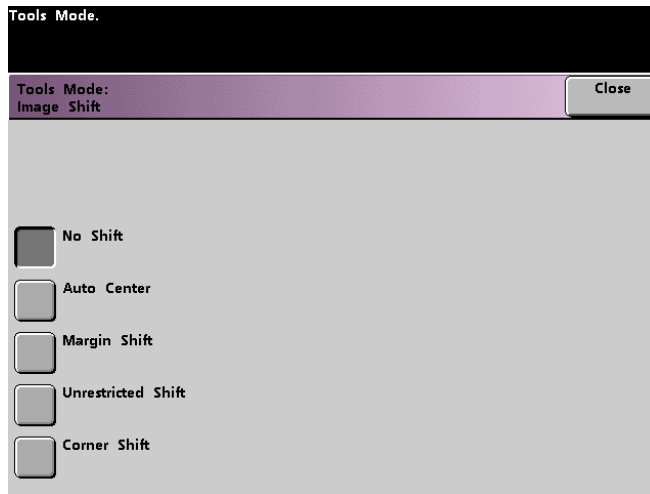
Image Shift

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. |

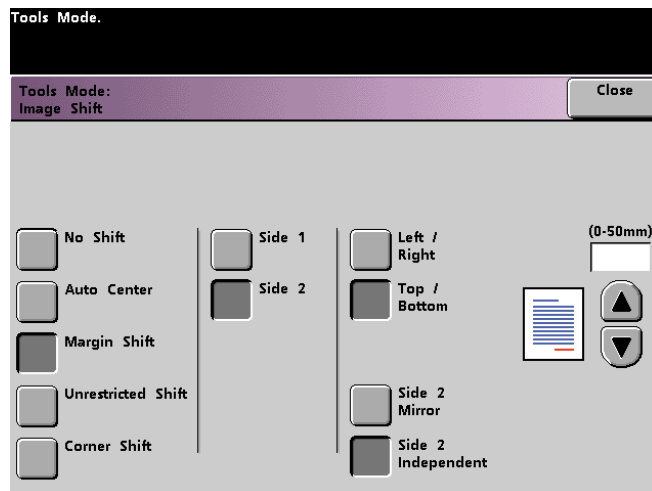
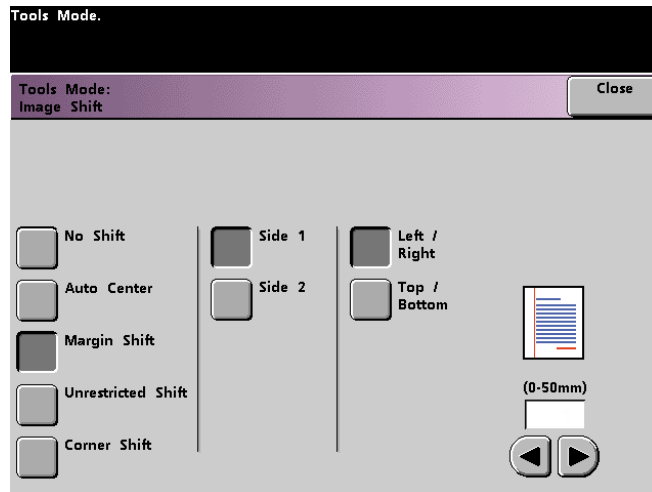
123...

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

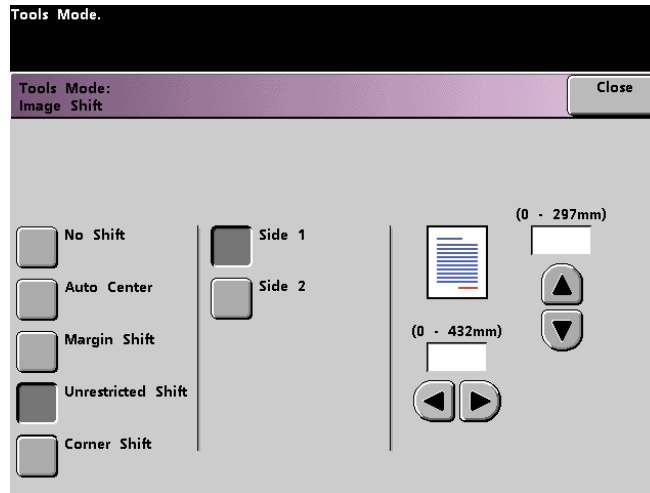


- 2 Touch the button for the desired image shift option. Settings for the image shift option you selected appear on the right side of the screen.
- 3 Do one of the following:
 - If you selected **Margin Shift**, select **Side 1** or **Side 2**. Then touch the **Left/Right** or **Top/Bottom** button.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

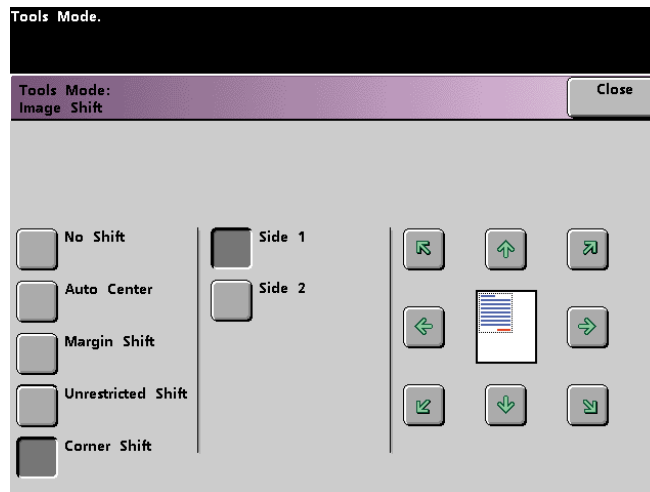
To set the defaults for Side 2, touch the **Side 2** button. Then, touch the **Side 2 Mirror** or **Side 2 Independent** button. The popup screen allows you to specify the amount of image shift for the Side 2 Independent selection only. Selecting Side 2 Mirror will have the system use the same amount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



- 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.



- 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.



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

Color Balance

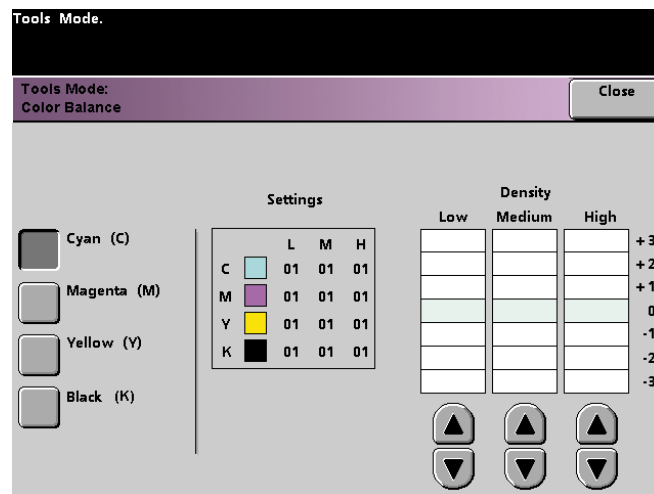
The Color Balance feature allows you to set the default levels for the four process colors (Cyan, Magenta, Yellow, Black) on the *Image Quality* screen. You can set the defaults for areas of high, medium, and low density on the scanned prints. You can also set the default for each density level and each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



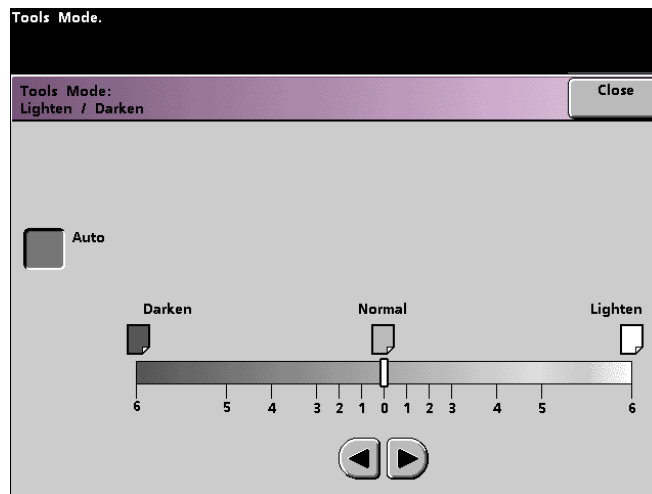
- 2 Touch the button for the color that you want to change.
- 3 Use the up or down arrow buttons to obtain the desired settings for Low, Medium, and High Densities. The available range is -3 to +3.
- 4 Repeat the previous step for each color you want to change.
- 5 Touch the **Close** button to return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

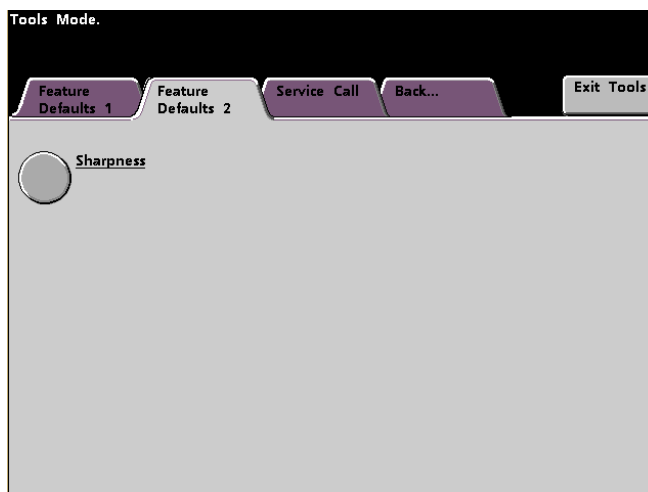
- 1 Touch the **Lighten/Darken** button on the *Feature Defaults 1* screen. The *Lighten/Darken* screen appears.



- 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

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



- 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.

3. Auditron

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

Overview

The Auditron Mode enables you to:

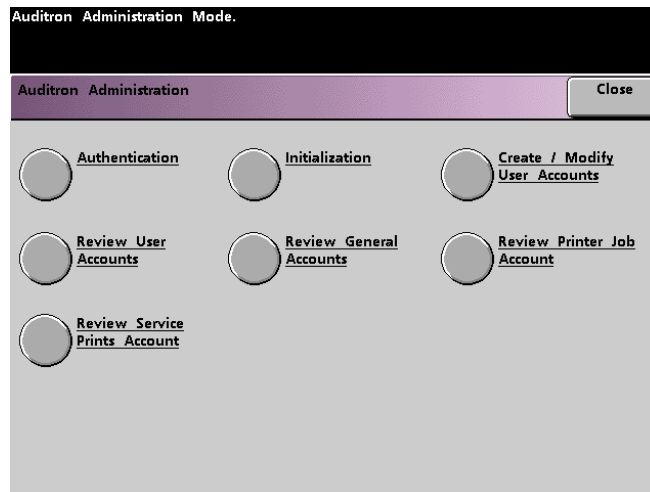
- [Change the Tools Mode password](#)
- [Establish a separate password for access to the Auditron Mode](#)
- [View the number of prints sent through the color server](#)
- [Establish individual accounts for users making scanned prints](#)

Use the following procedure to access the Auditron Administration screens.

123...

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

- 3 Touch the **Auditron Administration Pathway** button on the screen. The *Auditron Administration* screen appears.



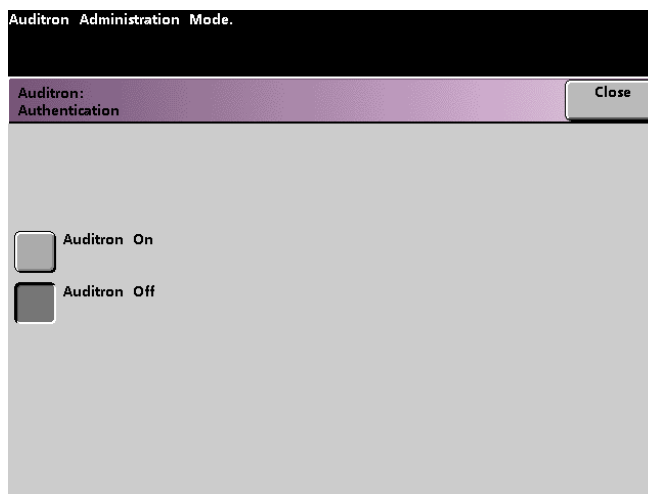
Authentication

The Auditron Mode allows you to set up your digital press to be used only by those individuals with a scan to print password. The Authentication feature allows you to enable or disable the Auditron Mode. The following two options are available:

- **Auditron On:** Turns Auditron Mode on for the scanner. This allows only users with auditron passwords and privileges to use the scan to print features.
- **Auditron Off:** Turns Auditron Mode off for the scanner. This allows anyone to use the scan to print features.

123...

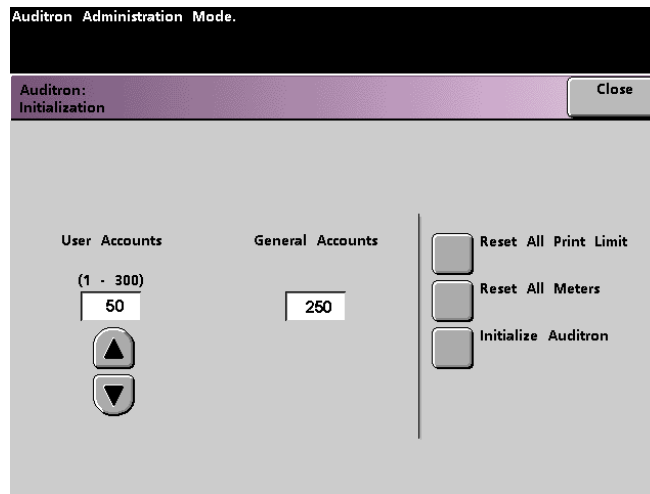
- 1 Touch the **Authentication** button on the *Auditron Administration* screen. The *Authentication* screen appears.



- 2 Touch the **Auditron On** or **Auditron Off** button.
- 3 Touch the **Close** button to return to the *Auditron Administration* screen.

Initialization

User Accounts are individual accounts that can be set up with print limits, color limits, a password, and copy volume limits. General Accounts contain copy volume information only. They are not individualized. The *Initialization* screen allows you to reset information in User Accounts and General Accounts at one time. You are able to either Reset All Print Limits, Reset All Meters, or Initialize Auditron.



The following table provides information on Initialization screen options and what they do.

| Option | What it does |
|------------------------|--|
| Reset All Print Limits | Touch this button to reset the print limit to No Limit for all User Accounts. A confirmation screen asks you if you are sure you want to reset all copy limits. Responding with a “Yes” resets the print limit for all User Accounts to No Limit. |
| Reset All Meters | Touch this button to reset the meter counts for all User Accounts and General Accounts at one time. A confirmation screen asks if you are sure you want to reset all meters. Responding with a “Yes” resets the meter counts for all User Accounts and General Accounts to zero. |
| Initialize Auditron | Touch this button to reset all User Account and General Account information and passwords. A confirmation screen asks if you are sure you want to initialize the Auditron. Responding with a “Yes” deletes all established accounts. The Tools Mode password is returned to the factory default of five 1's. |

The digital press allows a total of 300 User and General Accounts. The system automatically determines the maximum number of General Accounts by subtracting the number of User Accounts that you set.

The *Initialization* screen enables you to change the number of User Accounts and General Accounts by touching the up or down arrow button on this screen. As you change the maximum number of User Accounts, the maximum number of General Accounts changes accordingly.

If you change the number of User and General Accounts, a message appears at the top of the screen when you touch the **Close** button. This message informs you that you must Initialize the Auditron after changing the maximum number of User and General Accounts. Touch the **Initialize Auditron** button. A confirmation screen asks if you are sure you want to initialize the Auditron. Responding with a “Yes” enters your changes into the system and deletes all established accounts.

Create/Modify User Accounts

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

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

Creating a User Account

Use the following procedure to create a User Account.



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

123...

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

The screenshot shows the 'Auditron Administration Mode' screen. At the top, it says 'Please input an account number for Account Creation or Change.' Below this is a header bar with 'Auditron: Create / Modify User Accounts' and buttons for 'Undo', 'Access Rights', and 'Close'. The main area is divided into two columns. The left column has a section 'Account Number (1- 3)' with a keypad showing '1' and four buttons: 'Next Open Account', 'Next Active Account', 'Previous Account', and 'From Keypad'. The right column is titled 'Account Setup' and contains instructions: 'Input the Password and User Account Limit using the keypad on the Control Panel. Select Enter after each number has been entered.' It has three sections: 'User Password' with a keypad showing '1111' and an 'Input Password' button; 'Account Limit' with a keypad showing 'No Limit' and an 'Input Account Limit' button; and 'Output Color' with three buttons: 'No Limit', 'Color Only', and 'Black Only'. At the bottom, there is an 'Enter' button on the left, and 'Account Total' with a keypad and 'Clear Print Volume' and 'Clear All Account Data' buttons on the right.

- 2 Touch the **From Keypad** button. Use the Control Panel keypad to enter the account number for this User Account.
- 3 Touch the **Enter** button on the bottom left side of the screen to save your entry.

- 4** Touch the **Input Password** button. Use the Control Panel keypad to enter the unique five-digit password for this account. Touch the **Enter** button in the center of the screen. The password you enter is displayed in the *User Password* field.
- 5** Touch the **Input Account Limit** button. Use the Control Panel keypad to enter the desired scan to print limit for this account. Touch the **Enter** button in the center of the screen. The limit you set is displayed in the *Account Limit* field.
- 6** To set Output Color Limits, touch either the **No Limit**, **Color Only**, or **Black Only** button. Touch the **Enter** button in the center of the screen to enter your settings into the system.
- 7** To set the level of access for the individual using the account, touch the **Access Rights** button.
- 8** Touch either the **General Account**, **Key Operator**, or **Auditron Administrator** button.
- 9** Touch the **Close** button to return to the *Create/Modify User Accounts* screen.
- 10** Touch the **Clear Print Volume** button to reset the Print Volume meters for this account to zero.
- 11** Touch the **Clear All Account Data** button to delete all of the information for this account.
- 12** Touch the **Enter** button in the center of the screen to enter your settings into the system.
- 13** Touch the **Close** button to return to the *Auditron Administration* screen.
- 14** Exit the Auditron Mode to activate the new settings for this User Account.

Modifying a User Account

Use the following procedure to modify a User Account.



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

123...

- 1** Touch the **Create/Modify User Accounts** button on the *Auditron Administration* screen. The Create/Modify User Accounts screen appears.
- 2** Touch the **From Keypad** button. Use the Control Panel keypad to enter the account number for this User Account.
- 3** Touch the **Enter** button on the bottom left side of the screen. The information for this User Account will appear.
- 4** Review Steps 4 - 12 in *Creating a User Account* on pages 4-5 and 4-6 for information on how to change specific settings on this screen.
- 5** Touch the **Next Open Account** or **Previous Account** button to modify the settings for additional User Accounts. Touch the **Next Active Account** button to modify the settings for the next active User Account.
- 6** Touch the **Close** button to return to the *Auditron Administration* screen.
- 7** Exit the Auditron Mode to activate the new settings for this User Account.

Changing the Tools Mode Password

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

123...

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

The screenshot shows the 'Auditron Administration Mode' screen. At the top, it says 'Please input an account number for Account Creation or Change.' Below this is a header bar with 'Auditron: Create / Modify User Accounts' and buttons for 'Undo', 'Access Rights', and 'Close'. The main area is divided into two columns. The left column is titled 'Account Number (1- 3)' and has a text field containing '1'. Below this are four buttons: 'Next Open Account', 'Next Active Account', 'Previous Account', and 'From Keypad'. At the bottom left is an 'Enter' button. The right column is titled 'Account Setup' and contains instructions: 'Input the Password and User Account Limit using the keypad on the Control Panel. Select Enter after each number has been entered.' It has three main sections: 'User Password' with a text field showing '11111' and an 'Input Password' button; 'Account Limit' with a text field showing 'No Limit' and an 'Input Account Limit' button; and 'Output Color' with three radio buttons: 'No Limit', 'Color Only', and 'Black Only'. At the bottom right are two buttons: 'Enter' and 'Clear All Account Data'. There is also a 'Clear Print Volume' button near the bottom center.

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

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

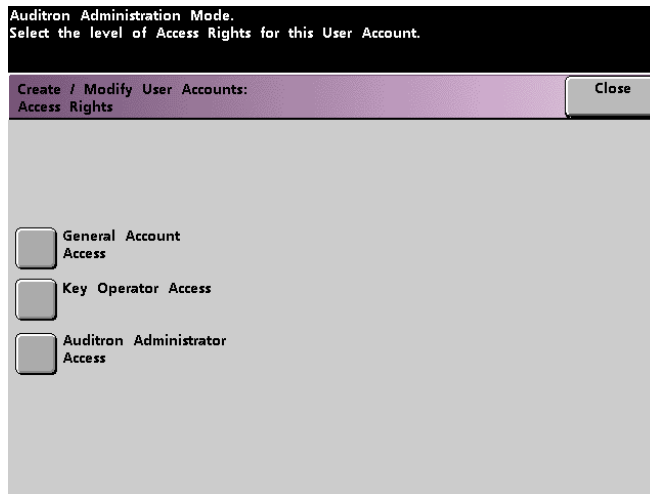
Creating a Password for the Auditron Mode

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

123...

- 1** Touch the **Create/Modify User Accounts** button on the *Auditron Administration* screen. The *Create/Modify User Accounts* screen, shown in Figure 5, appears.
- 2** Touch the **Next Open Account** button. The number 2 is displayed in the Account Number field.
You can use any open account number for the Auditron Pathway password by touching the **Next Active Account** button.
- 3** Touch the **Input Password** button. Use the Control Panel keypad to enter the unique five-digit password for this account. The password you enter is displayed in the *User Password* field.
No other features on this screen are applicable for the digital press with scanner.
- 4** Touch the **Enter** button to save your entry.

- 5 Touch the **Access Rights** button at the top of the screen. The *Access Rights* screen appears.



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

Review User Accounts

Key point: The user accounts discussed below are available only if you have a scanner.

This screen enables you to review the Auditron information for each individual user account, which allows employers to keep records of the number of pages each user is scanning and verify scan volumes for the Billing Count.

When you enter an account number, this screen displays the User Password, Account Limit, and Output Color settings. Meter A, Meter B, Meter C, and Meter D show the output volumes for that individual user account.

The meters show volumes for the following copy types:

- [Meter A: Color Copies](#)
- [Meter B: Black & White Copies](#)
- [Meter C: Large-size Color Copies](#)
- [Meter D: Total Copies \(A + B\)](#)

123...

- 1 Touch the **Review User Accounts** button on the *Auditron Administration* screen. The *Review User Accounts* screen appears.

Auditron Administration Mode.
Please input the account number to be checked.

Auditron:
Review User Accounts Close

| Account Number (1- 3) | Account Data | Output Volume |
|--|---------------------------|---------------|
| 1 | User Password 11111 | Meter A |
| <input type="checkbox"/> Next Open Account | Account Limit No Limit | Meter B |
| <input type="checkbox"/> Next Active Account | Output Color No Limit | Meter C |
| <input type="checkbox"/> Previous Account | | Meter D |
| <input type="checkbox"/> From Keypad | | |

Enter

- 2 Touch the **From Keypad** button and use the keypad to enter the account number that you want to review.
- 3 Touch the **Enter** button. The data for that individual User Account is displayed.
- 4 Use the **Next Active Account Number** or **Previous Account Number** button to review additional accounts.
Touch the **Next Open Account** button to determine the next open account.
- 5 Touch the **Close** button to return to the *Auditron Administration* screen.

Review General Accounts

The *Review General Accounts* screen enables you to review the Auditron information for each General Account, which allows you to confirm the copy volume for the Billing Count.

The meters show volumes for the following types:

- [Meter A: Color Copies](#)
- [Meter B: Black & White Copies](#)
- [Meter C: Large-size Color Copies](#)
- [Meter D: Total Copies \(A + B\)](#)

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

123...

- 1 Touch the **Review General Accounts** button on the *Auditron Administration* screen. The *Review General Accounts* screen appears.

The screenshot shows the 'Auditron Administration Mode' screen. At the top, there is a black header bar with the text 'Auditron Administration Mode.' Below this is a purple bar with the text 'Auditron: Review General Accounts' and a 'Close' button on the right. The main area is divided into two columns. The left column is titled 'Account Number' and contains a numeric keypad with the number '1' entered. Below the keypad are four buttons: 'Next Open Account', 'Next Active Account', 'Previous Account', and 'From Keypad'. At the bottom left is an 'Enter' button. The right column is titled 'Output Volume' and contains four input fields labeled 'Meter A', 'Meter B', 'Meter C', and 'Meter D'. At the bottom right is a 'Reset Meters' button.

- Touch the **From Keypad** button to enter the general account number you want to review.
 - Touch the **Next Open Account** button to review the next open account.
 - Touch the **Next Active Account** or **Previous Account** button to review additional general accounts.
 - Touch the **Enter** button to enter your settings into the system.
- 2 To return all meters to zero, touch the **Reset** button. A confirmation page asks if you are sure you want to reset the meters.
 - 3 Touch the **Close** button to return to the *Auditron Administration* screen.

Review Printer Job Account

Key point: You can review printer job accounts only if you are on a networked system.

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

The meters show volumes for the following copy types:

- [Meter A: Color Prints](#)
- [Meter B: Black & White Prints](#)
- [Meter C: Large-size Color Prints](#)
- [Meter D: Total Prints \(A + B\)](#)

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



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

Auditron Administration Mode

Auditron:
Review Printer Job Account Close

Printing Volume

Meter A

Meter B

Meter C

Meter D

These meters only show the volume of printing jobs from the RIP Server.

You may reset the meters at any time by selecting the Reset button below.

Reset

Review Service Prints Account

The *Review Service Prints Account* screen enables you to review the number of prints a Xerox Service Representative has made. You are not charged for these prints. This feature also enables you to reset the meters.

The meters show volumes for the following copy types:

- Meter A: Color Copies
- Meter B: Black & White Copies
- Meter C: Large-size Color Copies
- Meter D: Total Copies (A + B)

123...

1

Touch the **Review Service Prints Account** on the *Auditron Administration* screen. The *Review Service Prints Account* screen appears.

The screenshot shows the 'Auditron Administration Mode' screen. At the top, there is a black header bar with the text 'Auditron Administration Mode.' Below this is a purple bar with the text 'Auditron: Review Service Prints Account' and a 'Close' button. The main content area is divided into two columns. The left column is titled 'Service Prints' and contains four meters: 'Meter A', 'Meter B', 'Meter C', and 'Meter D', each with a corresponding input field. The right column contains text explaining that the Customer Engineer makes prints to fine tune the device and that a record is kept of these copies. It also states that the meter can be reset at any time by selecting the 'Reset' button below. The 'Reset' button is located at the bottom right of the right column.

- 2** Review the values in Meter A, Meter B, Meter C, and Meter D.
- 3** To return these meters to zero, touch the **Reset** button. A confirmation screen asks if you are sure you want to reset the meters.
- 4** Touch the **Close** button to return to the *Auditron Administration* screen.

701P40701

August, 2003

Printed in the USA

Xerox Corporation

Global Knowledge and Language Services

780 Salt Road

Webster, New York 14580