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DocuColor 8000/7000 System Administration Guide



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

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Conventions

Standardized conventions have been used in this manual to assist you in visually locating and identifying information quickly.

Symbols



CAUTION: This symbol alerts you to an action that may cause damage to hardware, software, or result in the loss of data.



WARNING: Warnings mark alert users to areas of the machine where there is a possibility of personal injury.



WARNING: This symbol identifies an area on the machine that is HOT and should not be touched.



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



TIP: 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 you should use to complete a procedure and is followed by the first step of a numbered procedure, task, or work process.



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

Safety notices

This Xerox product and the recommended supplies are designed and tested to meet strict safety requirements. These include safety agency approval and compliance to established environmental standards. Please read the following instructions carefully before operating the product, and refer to them as needed to ensure the continued safe operation of your product.



TIP: The safety testing and performance of this product have been verified using Xerox materials only.



WARNING: Any unauthorized alteration, which may include the addition of new functions or connection of external devices, may impact the product certification. Please contact your authorized local dealer for more information.

Electrical safety

- 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 incur a severe electrical shock if the outlet is not grounded correctly.

- Do not place the machine where people may step 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 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 may 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 is 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 and 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.



WARNING: This product must be connected to a protective earth current.

Laser safety

North America

This product complies with safety standards and is certified as a Class 1 Laser product under the Center for Devices and Radiological Health (CDRH) of the United States Food and Drug Administration (FDA) implemented regulations for laser products. This product complies with FDA 21 CFR 1940.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated July 26, 2001. 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 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 of 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.

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

Europe (EU) and other markets

This product complies with IEC's safety standard 60825-1 (Edition 1.2) issued August 2001.

The equipment complies with laser product performance standards set by governmental, national, and international agencies as a Class 1 Laser Product. It does not emit hazardous radiation as the beam is totally enclosed during all phases of customer operation and maintenance.



CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

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

If you need additional safety information concerning the product or Xerox supplied materials, you may call the following number:

+44 (0) 1707 353434

Safety standards

North America

This Xerox product is safety certified by Underwriters Laboratories Incorporated to Standards UL60950-1 (first edition), and CSA International CAN/CSA C22.2 No. 60950-1-03 (First Edition).

Europe (EU) and other markets

This Xerox product is Safety Certified by NEMKO to publication IEC60950-1 (2001) First Edition.

Maintenance safety

- Do not attempt any maintenance procedure that is not specifically described in the documentation supplied with your product.
- 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 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 product:

- Use the materials and supplies specifically designed for your product. 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.
- 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 should not be touched.

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* 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 (FCC) 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.



WARNING: 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.

Cet appareil numérique de la classe "A" est conforme à la norme NMB-003 du Canada.

Regulatory information for RFID

This product generates 13.56 MHz using an Inductive Loop System as a Radio Frequency IDentification system device (RFID). This system is certified in compliance with European Council Directive 99/5/EC and applicable local laws or regulations as applicable.

Safety extra low voltage approval

This Xerox product 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 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. |
| March 9, 1999 | Council Directive 99/5/EC on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity. |

A full declaration, defining the relevant directives and referenced standards, can be obtained from your Xerox Limited representative or by contacting:

Environment, Health and Safety
The Document Company Xerox
Bessemer Road
Welwyn Garden City
Herts
AL7 1HE
England
Tel Number +44 (0) 1707 353434



WARNING: This system is certified manufactured and tested in compliance with strict safety and radio frequency interference regulations. Any unauthorized alteration which includes the addition of new functions or the connection of external devices may impact this certification. Please contact your local Xerox Limited representative for a list of approved accessories.



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



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



WARNING: Shielded cables must be used with this equipment to maintain compliance with Council Directive 89/336/EEC.

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 IncomeDependency Status
 - Court RecordPrevious 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 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 product 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, scanners, 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

If you are managing the disposal of your Xerox product, please note that the product contains lead and other materials whose disposal may be regulated due to environmental considerations. The presence of lead is fully consistent with global regulations applicable at the time that the product was placed on the market.

North America

Xerox operates a worldwide equipment take-back and reuse/recycle program. Contact your Xerox sales representative (1-800-ASK-XEROX) to determine whether this Xerox product is part of the program. For more information about Xerox environmental programs, visit www.xerox.com/environment.

For recycling and disposal information, contact your local authorities. In the United States, you may also refer to the Electronic Industries Alliance web site: www.eiae.org.

Perchlorate Material

This product may contain one or more Perchlorate-containing devices, such as batteries. Special handling may apply, please see www.dtsc.ca.gov/hazardouswaste/perchlorate.

If your product is not part of the Xerox program and you are managing its disposal, please follow the instructions provided in the above paragraph.

European union



Application of this symbol on your equipment is confirmation that you must dispose of this equipment in compliance with agreed national procedures.

In accordance with European legislation end-of-life electrical and electronic equipment subject to disposal must be managed within agreed procedures.

Prior to disposal, contact your local dealer or Xerox representative for end-of-life take-back information.

Other countries

Please contact your local waste authorities and request disposal guidance.

1. Tools Mode

Overview

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

Entering and exiting Tools Mode



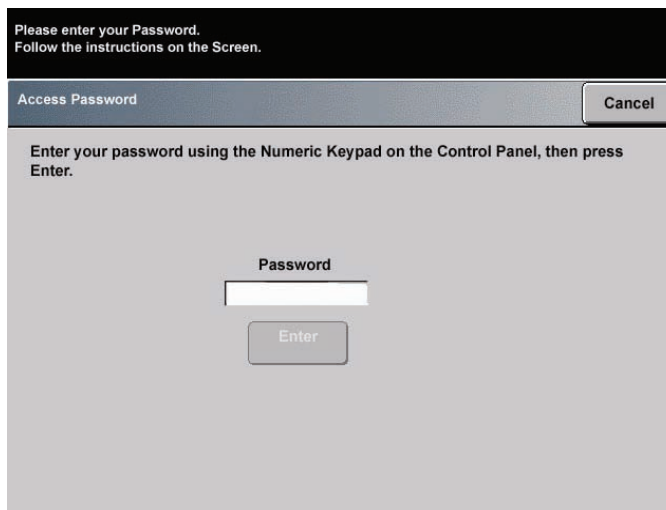
KEY POINT: Keep the following in mind as you learn about the Tools Mode:

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



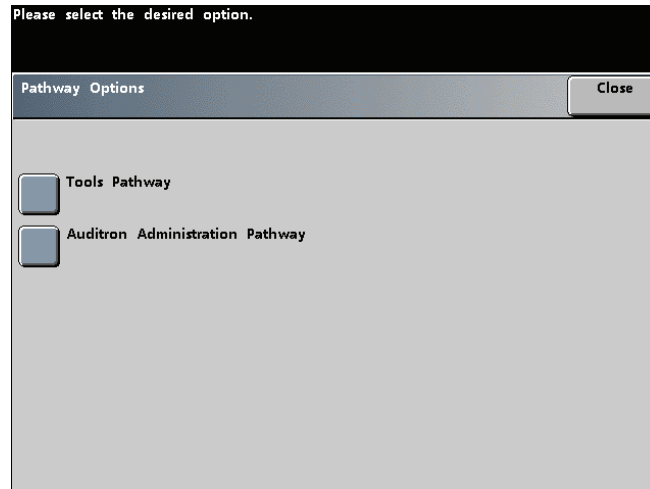
Use the following procedure to enter and exit the Tools Mode:

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



2. Use the keypad to enter the Tools Mode password.
The default password is five ones (**11111**).
For security reasons, only asterisks are displayed on the screen.
3. Touch the Enter button.

The Pathway Options screen appears.



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

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

Navigating in Tools Mode

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

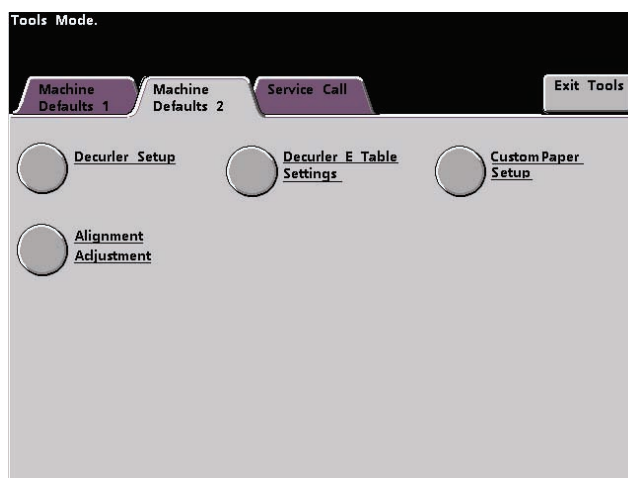
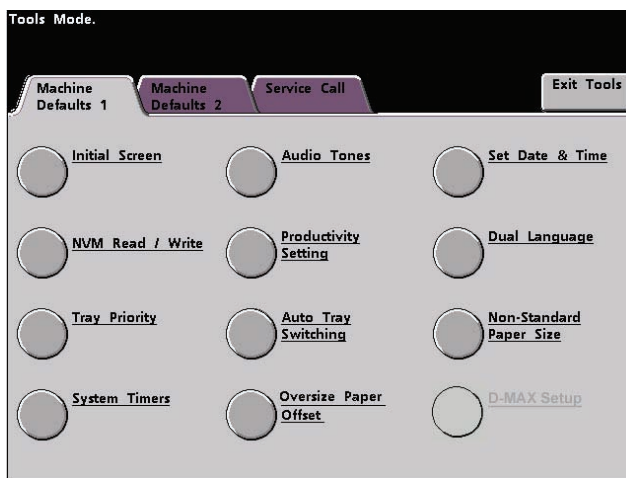
Button	Result
Tabs	Allows you to view the options available on that screen.
Enter	Saves any changes you made on the screen.
System Default	Returns the settings on the screen to the factory default settings.
Close	Closes the screen and returns the system to the previous screen.
Off	Deactivates the feature.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



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

Machine Defaults

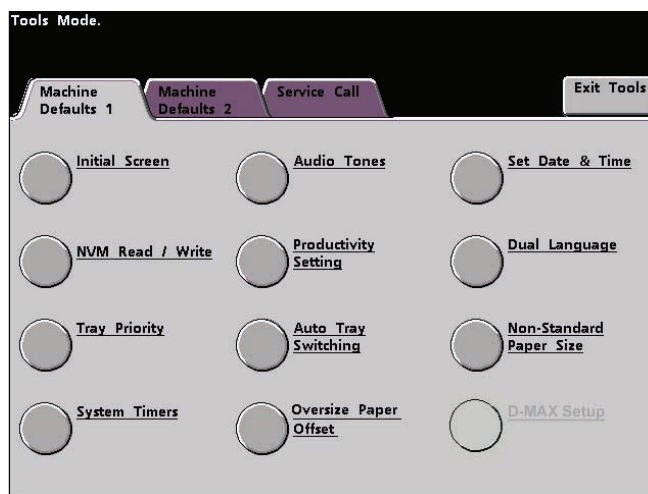
Two *Machine Defaults* screens are available for changing default settings. Each of the features shown on the below screen is described throughout the remainder of this chapter.



NOTE: The Service Call feature is not available.

Machine Defaults 1

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



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



NOTE: The D-MAX Setup feature may or may not be selectable with your DocuColor 8000/7000 Digital Press configuration. In either case, this feature is for the Xerox Service Representative **only** and is not for customer use.

Initial Screen

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

- Job Status
- Machine Status

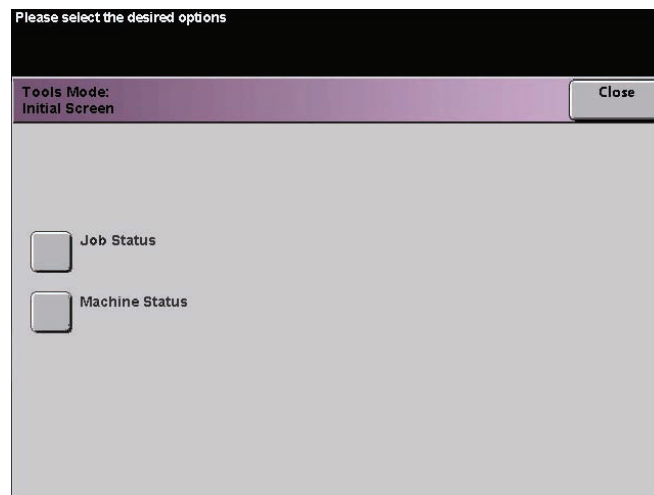


NOTE: The Machine Status screen is the factory default setting.



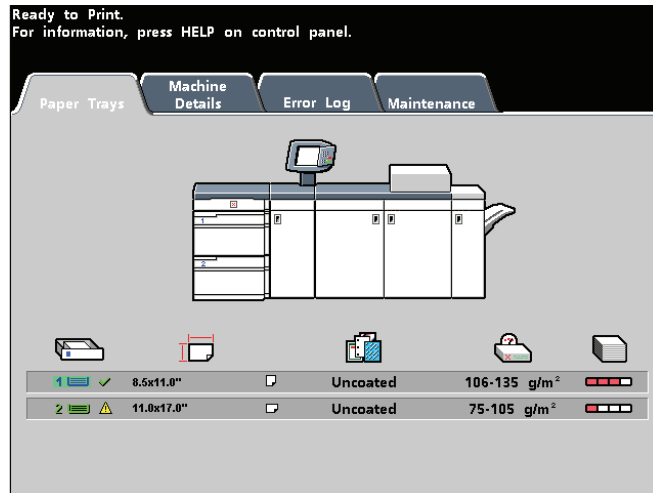
Use the following procedure to change the default initial screen.

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

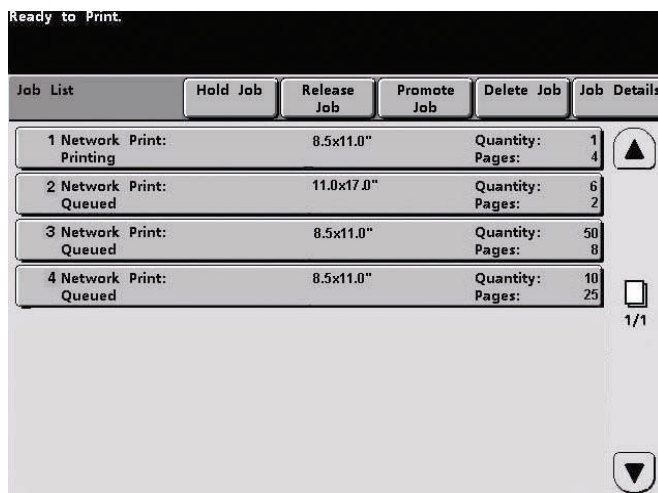


2. Touch the **Machine Status** or **Job Status** button.

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



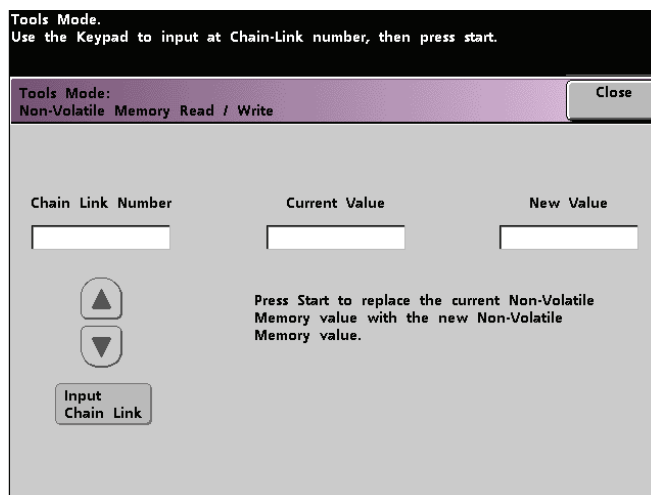
If you change the default setting to the Job Status screen, the screen below appears when the machine is powered on. This screen displays all the jobs currently queued for printing.



NOTE: Refer to the Operator Manual for more information about the Machine Status and Job Status screens.

NVM Read/Write

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



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

Special Media Setting for Drilled Papers

If you use 3-hole, predrilled paper on a regular basis and continually encounter an inordinate amount of paper jams, and/or

Special Media Setting for LEF Tab Stock

If you regularly run tab stock and continually encounter paper jams.

Carbonless Media Enablement

- Carbonless papers are coated with several functional coatings which promote the image transfer through the form set and enable the form sets to separate appropriately after padding with a special adhesive. Each supplier of xerographic carbonless paper has developed their own unique chemistry, which is why the following procedure enabling this application, works best with Xerox Premium Digital Carbonless Paper.
- In order to avoid problems when running carbonless media, you may use the NVM Read/Write feature to switch on the carbonless media feature.

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



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



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

1. From the NVM Read/Write screen, use the keypad on the Control Panel and enter the **Chain Link Number**:
 - The Chain Link Number for Special Media Setting for Drilled Papers is **700 545**.
 - The Chain Link Number for Special Media Setting for LEF Tab Stock is **700 546**.
 - The Chain Link Number for Carbonless Media Enablement is **700-920**.

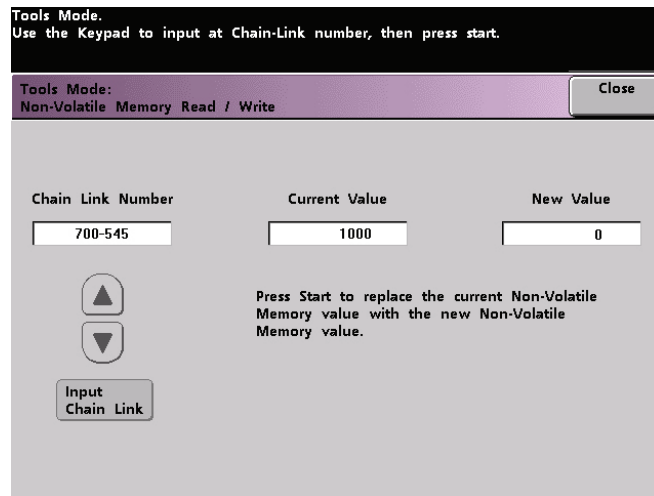


NOTE: For the purpose of this procedure, the following screens show the Chain Link Number, Current Value, and New Value for Special Media Setting for Drilled Papers. The Current Value and New Value numbers will vary depending on the Chain Link Number entered.

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

3. To switch **on** a feature, press the appropriate button on the Control Panel keypad:
 - For Special Media Setting for Drilled Papers, press **0**.
 - For Special Media Setting for LEF Tab Stock, press **1**.
 - For Carbonless Media, press **1**.

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



Tools Mode.
Use the Keypad to input at Chain-Link number, then press start.

Tools Mode:
Non-Volatile Memory Read / Write Close

Chain Link Number	Current Value	New Value
700-545	1000	0

▲
▼
Input Chain Link

Press Start to replace the current Non-Volatile Memory value with the new Non-Volatile Memory value.

5. Touch the **Close** button to save and close your new setting.
6. Exit Tools Mode and run your print job.



KEY POINT 1: After running your print job, reenter Tools Mode, NVM Read/Write, and **switch off** the feature that is currently on. Follow the steps outlined in this procedure and use these settings for the New Value number:

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



KEY POINT 2: To prevent paper jams from occurring with stock types other than the ones mentioned in this procedure, you **must switch off** the NVM Read/Write feature **before** running other print jobs.

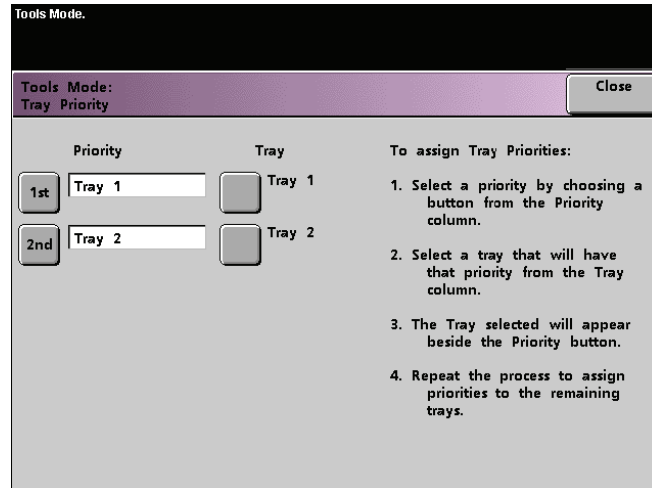
Tray Priority

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



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

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



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

System Timers

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

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

The screenshot shows the 'Tools Mode' screen with a 'System Timers' sub-screen. The 'System Timers' screen has a 'Close' button in the top right corner. It displays two columns of settings, each with a label, a unit, a numerical value in a box, and a slider control.

Setting	Unit	Value
Power Saver	Min.	15
Screen Saver	Min.	10
Job Spacing	Sec.	7
Tools Off	Min.	10
Auto Resume Scan	Min.	2
Auto Resume Print	Min.	2
Auto Resume Stop	Min.	2
Auto Resume Hold	Min.	2

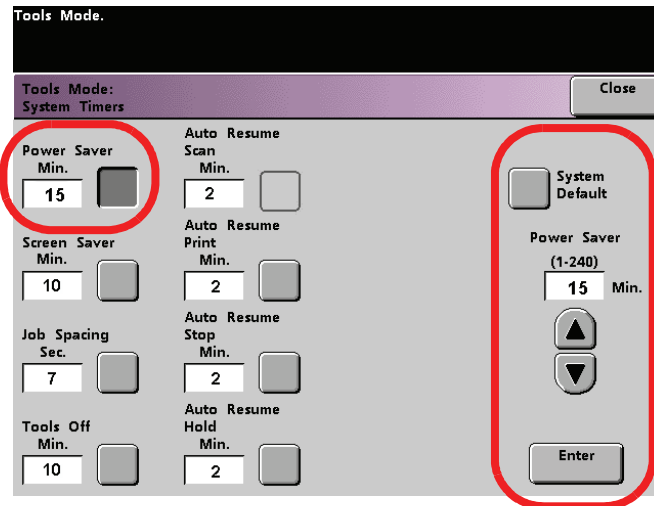
Power Saver

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

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



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



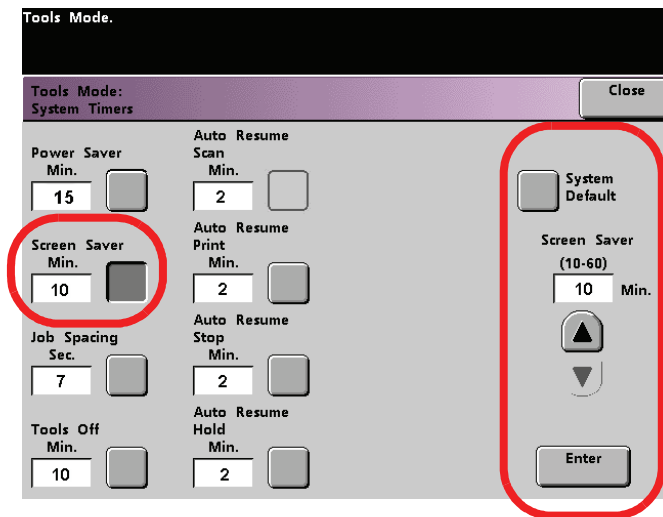
2. Use the up or down arrow buttons to change the time. The range available is one to 240 minutes.
To use the system default time of fifteen minutes, touch the **System Default** button.
3. Touch the **Enter** button on the screen to enter the new time into the system.
4. Touch the **Close** button to return to the *Machine Defaults 1* screen or to select another timer to change.

Screen Saver

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



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



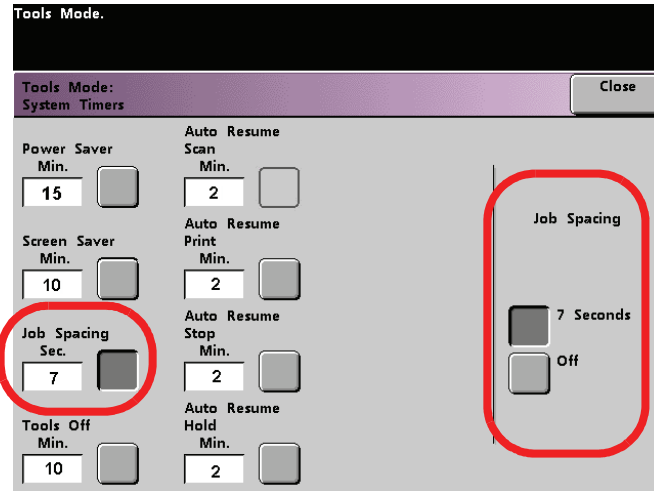
2. Use the up or down arrow buttons to change the time. The range available is ten to sixty minutes.
To use the system default time of ten minutes, touch the **System Default** button.
3. Touch the **Enter** button on the screen to enter the new time into the system.
4. Touch the **Close** button to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

Job Spacing

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



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



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

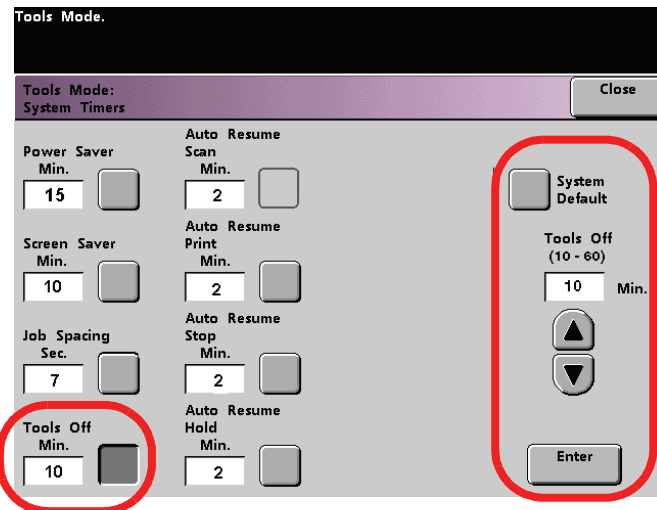
Tools Off

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

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



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



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

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

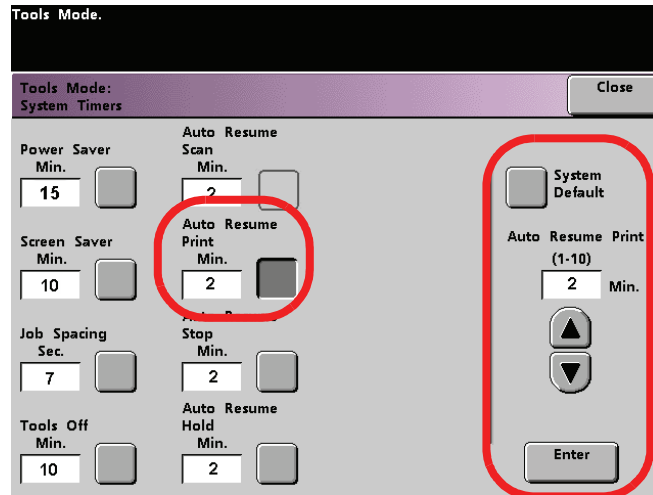
3. Touch the **Enter** button on the screen to enter the new time into the system.
4. Touch the **Close** button to return to the *Machine Defaults 1* screen or select another timer to change.

Auto Resume Print

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



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



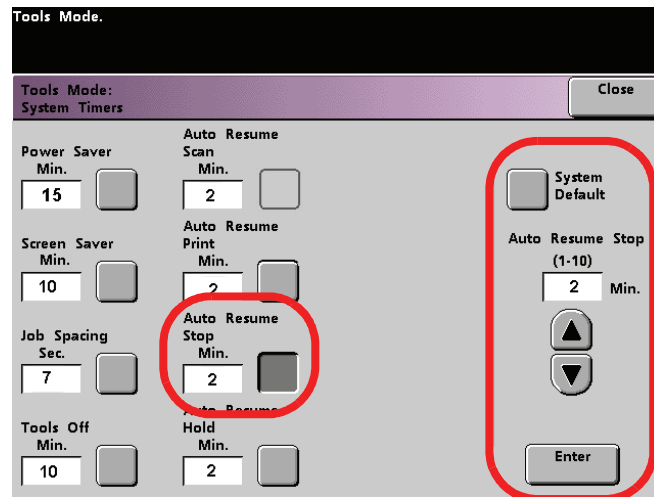
2. Use the up or down arrow buttons to change the time. The range available is one to ten minutes.
To use the system default time of two minutes, touch the **System Default** button.
3. Touch the **Enter** button on the screen to enter the new time into the system.
4. Touch the **Close** button to return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

Auto Resume Stop

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



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



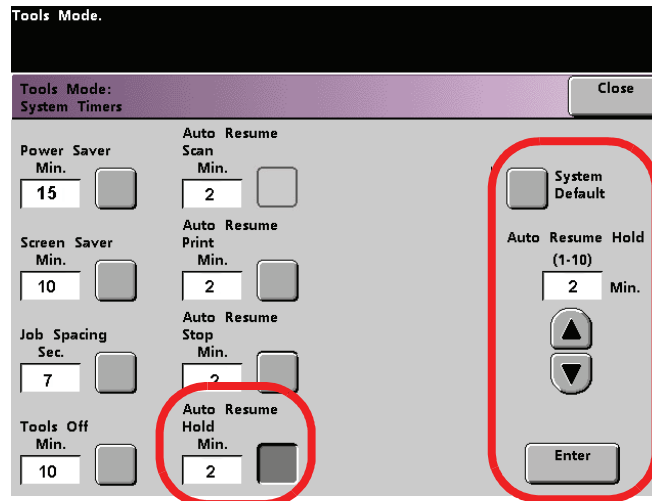
2. Use the up or down arrow buttons to change the time. The range available is one to ten minutes.
To use the system default time of two minutes, touch the **System Default** button.
3. Touch the **Enter** button on the screen to enter the new time into the system.
4. Touch the **Close** button to return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

Auto Resume Hold

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



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



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

Audio Tones

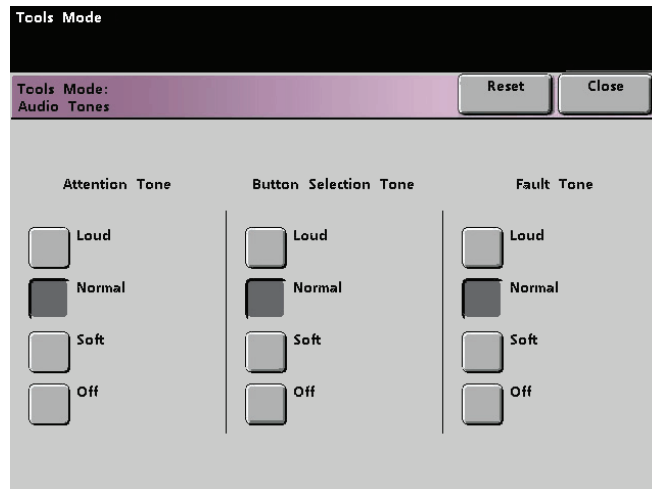
There are three types of audio tones that can be activated on the digital press, as shown in the following table.

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

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



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

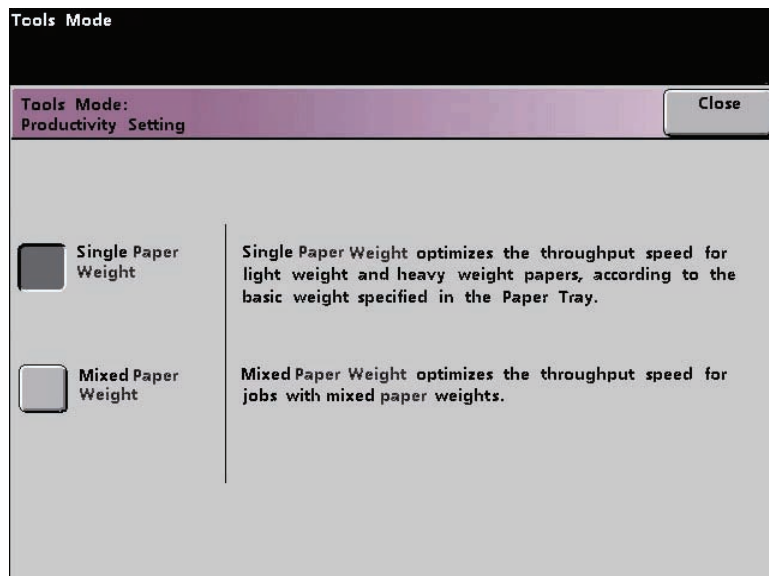


2. Touch the button for the desired volume setting for each tone. To deactivate a tone, touch the **Off** button for that tone.
3. Touch the **Reset** button to restore the factory default setting for the three tones.
4. Touch the **Close** button to return to the *Machine Defaults 1* screen.

Productivity Setting

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

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



Single Paper Weight: This setting optimizes the throughput speed for light weight or heavy weight papers, according to the weight range that is set in the paper tray.

Mixed Paper Weight This setting optimizes the throughput speed of print jobs that contain mixed media weights from different paper trays.

Productivity charts

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

Single Paper Weight

Single Paper Weight Mode						
Paper Weight	Paper Size(Feed direction length)[mm]		Print Speed for DocuColor 8000		Print Speed for DocuColor 7000	
	Min.	Max	1 Sided	2 Sided	1 Sided	2 Sided
60 - 135 g/m ²	182.0	216.0	80	40	70	35
	216.1	297.0	60	30	60	30
	297.1	458.0	40	20	35	17.5
	458.1	488.0	30	15	30	15
136 - 220 g/m ²	182.0	216.0	60	30	50	25
	216.1	450.0	30	15	25	12.5
	450.1	488.0	20	10	15	7.5
221 - 300 g/m ²	182.0	216.0	40	-	35	-
	216.1	280.0	30	-	30	-
	280.1	458.0	20	-	15	-
	458.1	488.0	10	-	10	-
Transparency	210.0	216.0	30	-	30	-



NOTE 1: 2-Sided printing is not available for transparency and paper that is 221 g/m² or greater.

NOTE 2: There is no decrease in productivity (ppm) from the second feeder module to the first feeder module.

NOTE 3: Transparency is only available for 1 Sided, A4 or 8.5" x 11" LEF.

Mixed Paper Weight

Mixed Paper Weight Mode						
Paper Weight	Paper Size(Feed direction length)[mm]		Print Speed for DocuColor 8000		Print Speed for DocuColor 7000	
	Min.	Max	Simplex	Duplex	Simplex	Duplex
60 - 105 g/m ²	182.0	216.0	80	40	70	35
	216.1	297.0	60	30	60	30
	297.1	458.0	40	20	35	17.5
	458.1	488.0	30	15	30	15
106 - 135 g/m ²	182.0	216.0	60*	30	60*	30
	216.1	450.0	30*	15*	30*	15*
	450.1	488.0	20*	10*	20*	10*
136 - 186 g/m ²	182.0	216.0	60*	30	50*	25
	216.1	450.0	30*	15*	25*	12.5*
	450.1	488.0	20*	10*	15*	7.5*
187 - 220 g/m ²	182.0	216.0	40	20	40	20
	216.1	280.0	30	15	30	15
	280.1	458.0	20	10	20	10
	458.1	488.0	10	5	10	5
221 - 300 g/m ²	182.0	216.0	40*	--	35*	--
	216.1	280.0	30*	--	30*	--
	280.1	458.0	20*	--	15*	--
	458.1	488.0	10*	--	10*	--
Transparency	210.0	216.0	30	--	30	--



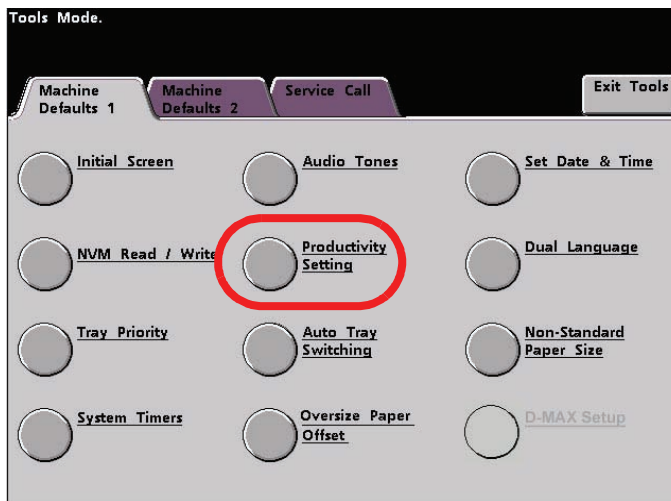
NOTE: *Print speeds may decrease due to printer setup operations, which are based on environmental conditions and specific interval volume of continuous printing.

Productivity Setting procedure

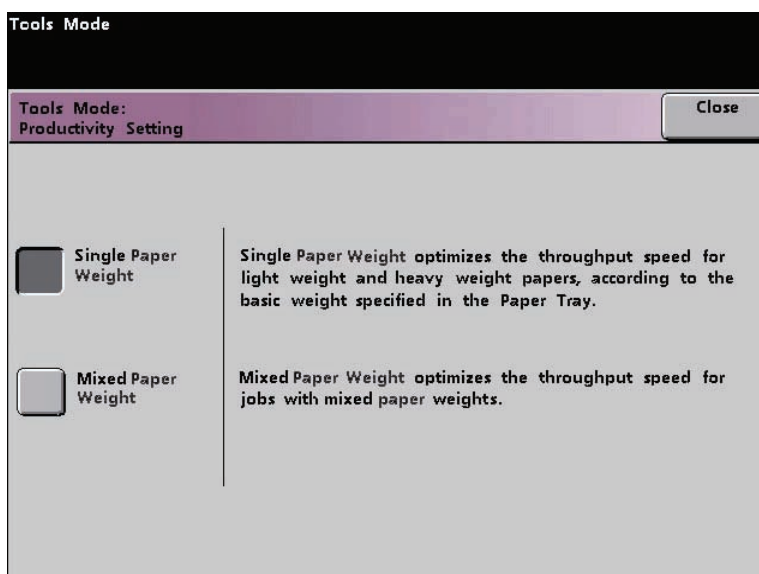


Use the following procedure for choosing the setting which is best for your environment.

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



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



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

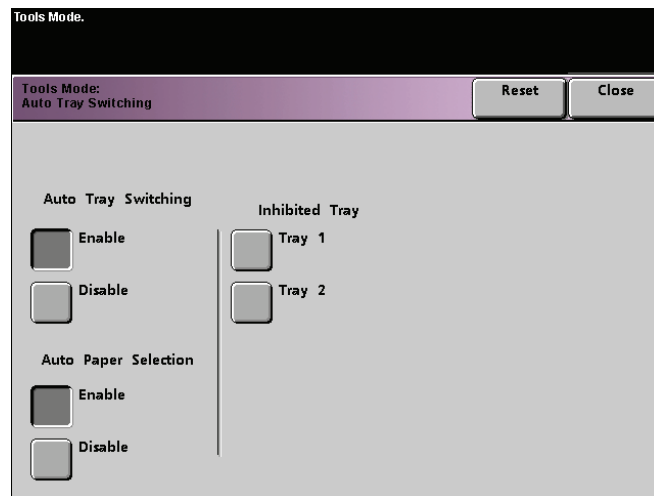
Auto Tray Switching

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

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



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



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

3. Touch the **Enable** or **Disable** button for the Auto Paper Selection option.
4. To instruct the digital press to bypass one or more of the paper trays, touch the desired Paper Tray button in the Inhibited Tray column.
 - To deselect a paper tray, touch that Paper Tray button again.
 - To return the settings to the last saved values, touch the **Reset** button.
5. Touch the **Close** button to return to the *Machine Defaults 1* screen.

Oversize Paper Offset

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

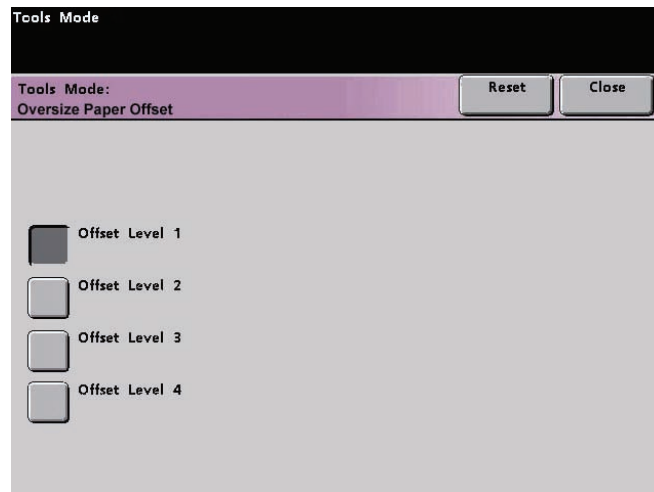


NOTE: Some color server manufacturers have an oversize paper offset feature that you can also use to adjust the position of the image on the paper. Refer to the documentation that came with your color server.



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

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

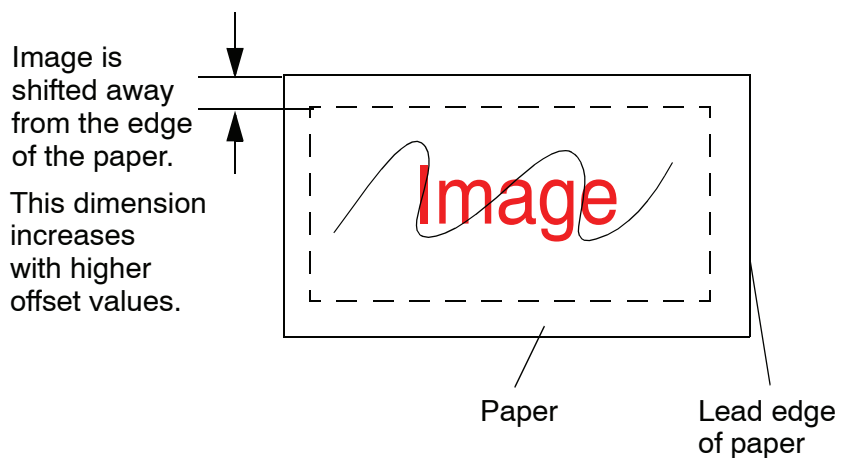


The table on the following page defines each offset level.

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

Paper Size	Level 1	Level 2	Level 3	Level 4
310mm	10.0mm	10.0mm	10.0mm	10.0mm
311mm	9.5mm	9.5mm	9.5mm	9.5mm
312mm	9.0mm	9.0mm	9.0mm	9.0mm
313mm	8.5mm	8.5mm	8.5mm	8.5mm
314mm	8.0mm	8.0mm	8.0mm	8.0mm
315mm	7.5mm	7.5mm	7.5mm	8.0mm
316mm	7.0mm	7.0mm	7.0mm	8.0mm
317mm	6.5mm	6.5mm	7.0mm	8.0mm
318mm	6.0mm	6.0mm	7.0mm	8.0mm
319mm	5.5mm	6.0mm	7.0mm	8.0mm
320mm	5.0mm	6.0mm	7.0mm	8.0mm

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



Set Date & Time

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

Setting the Date



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

Tools Mode

Tools: Set Date & Time Close

Select the date format, then enter the values for the month, day, and year. Press Enter to lock in the changes.

Current Date: 2004/03/31

☒ Set Date ☐ Set Time

☐ mm/dd/yyyy ☐ dd/mm/yyyy ☐ yyyy/mm/dd

Year: 0000 / Month: 00 / Day: 00

▲ ▲ ▲
▼ ▼ ▼

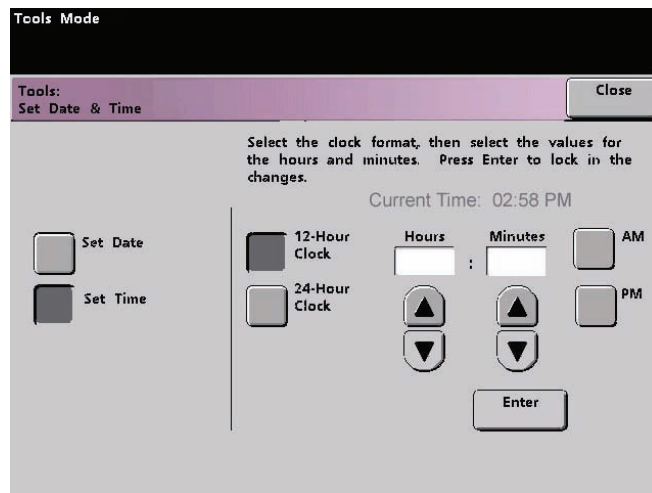
Enter

2. Select the date format you wish to use.
 3. Use the up or down arrow buttons to enter the correct year, month, and day.
 4. Touch the **Enter** button on the screen to save your selections.
- The next time you enter the Tools Mode, the date that you set is displayed.

Setting the Time



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



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

Dual Language

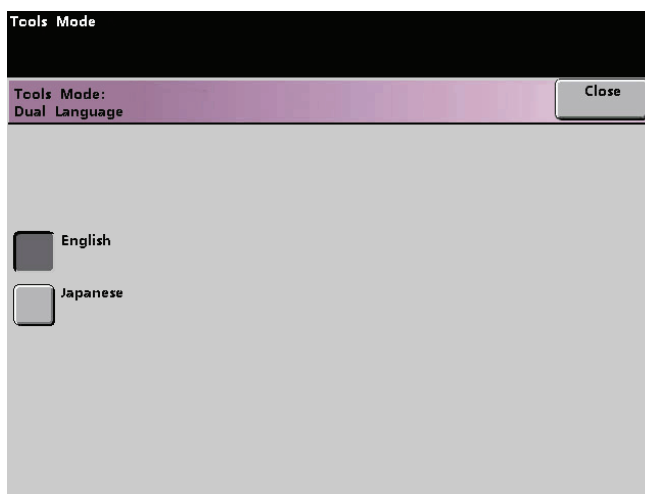
This feature enables you to set one of two available languages as the default for the Touch Screen. When your digital press was installed, your Xerox service representative loaded onto your system your choice of two languages that you can choose from to be displayed on the Touch Screen.



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

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

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



Non-Standard Paper Size

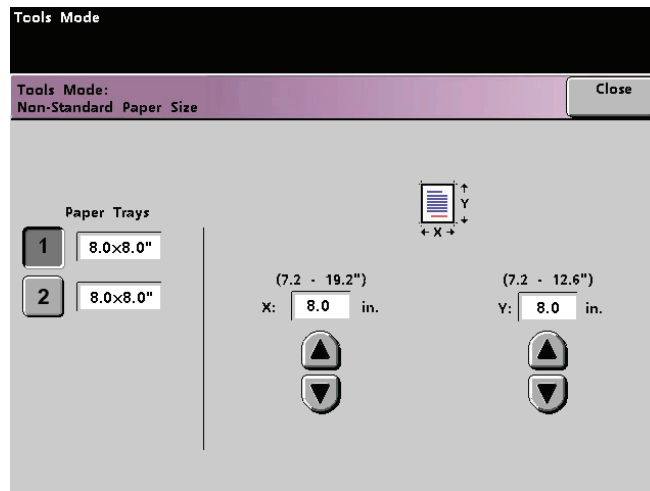
You can run non-standard sized paper from any paper tray by entering the paper size on the Non-Standard Paper Size screen for the tray being used.



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.



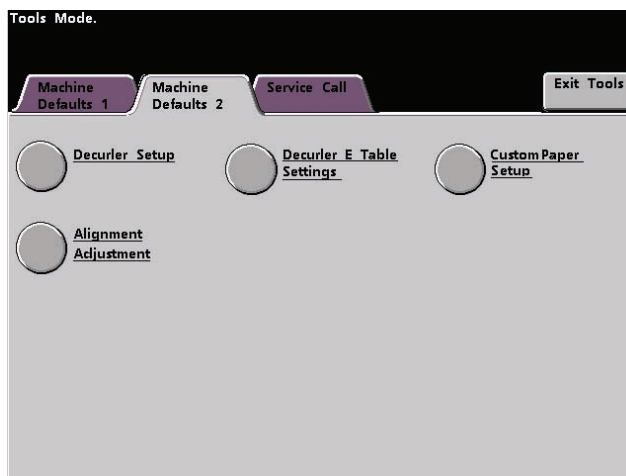
1. Touch the **Non-Standard Size Paper** button on the *Machine Defaults 1* screen.



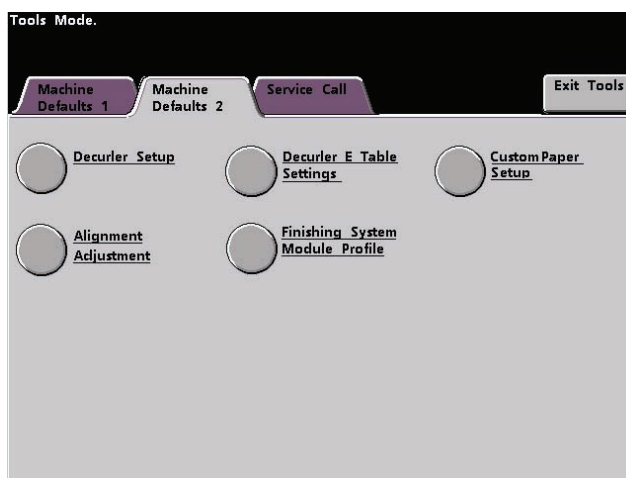
2. Touch the desired Paper Tray button on the *Non-Standard Paper Size* screen.
3. Use the up or down arrow buttons on the screen to enter the X and Y dimensions of the paper being used in the tray. The dimensions shown on the screen above the X and Y boxes indicate the minimum and maximum sizes you can enter.
4. Touch the **Close** button to return to the *Machine Defaults 1* screen.
5. To use these settings, exit the Tools Mode and ensure that **Non-Standard Size** has been selected on the top/front of the tray.

Machine Defaults 2

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



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



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

Decurler Setup and Decurler E Table Settings

When paper is exposed to heat, the paper loses moisture and curls toward the heat source. High toner coverage jobs tend to curl more due to the toner plastification effect on the paper surface. The system tries to reduce this by using mechanical devices within the paper path called decurlers.

Your system has been designed with an automatic curl control system that uses information such as: the amount of coverage on the page, paper weight, whether the paper is coated or uncoated, and the current humidity and temperature to determine the amount of pressure needed at the different decurlers to reduce output curl.

With some print jobs, the output prints still may be curled more than you desire. In cases like these, use the Decurler Setup and Decurler E Table Settings features to compensate for paper curl in your prints.

Paper curl is caused by many variables, including:

- The manufacturer's brand of paper and the manufacturing lot
- The weight of the paper and whether it is coated or uncoated
- The amount of dry ink/toner and the area being covered on a sheet; the heavier the coverage, the greater the tendency to curl
- The atmospheric conditions of the room where the paper is stored
- The atmospheric conditions of the room where the digital press is located
- The heat generated during the fusing processes

The 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 Decurler Settings A-D table on the next page for your market area to change the default Decurler settings.

Decurler Specifications

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

Decurler Setup

When you select the Decurler Setup feature, the following window opens:

Paper Tray	Paper Weight	Paper Type
<input type="button" value="1"/>	<input type="button" value="60-80 g/m<sup>2</sup>"/>	<input type="button" value="Type A"/> <input type="button" value="Type E2"/>
<input type="button" value="2"/>	<input type="button" value="81-105 g/m<sup>2</sup>"/>	<input type="button" value="Type B"/> <input type="button" value="Type E3"/>
	<input type="button" value="106-135 g/m<sup>2</sup>"/>	<input type="button" value="Type C"/> <input type="button" value="Type E4"/>
	<input type="button" value="136-186 g/m<sup>2</sup>"/>	<input type="button" value="Type D"/> <input type="button" value="Type E5"/>
Coating	<input type="button" value="187-220 g/m<sup>2</sup>"/>	<input type="button" value="Type E1"/> <input type="button" value="Type E6"/>
<input type="button" value="Uncoated"/>	<input type="button" value="221-300 g/m<sup>2</sup>"/>	
<input type="button" value="Coated"/>		

The Decurler Setup features are discussed in more detail on the following pages.

Decurler Settings A-D

The default Decurler settings for Type A through Type D are shown in the following table. These settings are automatically selected by the digital press.

All Trays Paper Weights	Paper Types	Western Hemisphere Paper Type	Eastern Hemisphere Paper Type
60 - 80 g/m ²	Coated Uncoated	A A	B B
81 - 105 g/m ²	Coated Uncoated	B D	B D
106 - 135 g/m ²	Coated Uncoated	A B	A B
136 - 186 g/m ²	Coated Uncoated	A A	A A
187 - 220 g/m ²	Coated Uncoated	A A	A A
221 - 300 g/m ²	Coated Uncoated	A A	A A

The settings in the above table were developed from testing a wide range of paper samples, toner area coverages, and environments. The outcome of this testing is the preset parameters shown in the table, and the parameters refer to how particular papers interact with the digital press decurling system.

If paper curl is a problem, using one of these preset parameters usually eliminates the problem. However, due to the broad range of paper variables, image coverage, and environmental factors, these default settings may not result in satisfactory performance.

If paper curl is interfering with digital press performance, begin by adjusting the decurler settings by selecting an alternate Decurler Paper Type A through Type D. If the problem continues, additional decurler settings are available and identified as Decurler Paper Types E1 through E6.



NOTE: Before using the E1-E6 Decurler Types, you must set up the desired E Type setting by following the instructions in Decurler E Table Settings procedure provided later in this chapter.

Using the Decurler Setup



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

Tools Mode.

Tools Mode:
Decurler Setup

Reset Close

Paper Tray	Paper Weight	Paper Type	
<input type="checkbox"/> 1	<input type="checkbox"/> 60-80 g/m ²	<input type="checkbox"/> Type A	<input type="checkbox"/> Type E2
<input type="checkbox"/> 2	<input type="checkbox"/> 81-105 g/m ²	<input type="checkbox"/> Type B	<input type="checkbox"/> Type E3
	<input type="checkbox"/> 106-135 g/m ²	<input type="checkbox"/> Type C	<input type="checkbox"/> Type E4
	<input type="checkbox"/> 136-186 g/m ²	<input type="checkbox"/> Type D	<input type="checkbox"/> Type E5
Coating	<input type="checkbox"/> 187-220 g/m ²	<input type="checkbox"/> Type E1	<input type="checkbox"/> Type E6
<input type="checkbox"/> Uncoated	<input type="checkbox"/> 221-300 g/m ²		
<input type="checkbox"/> Coated			

3. Select the desired Tray.
 - Tray 1 is the default tray.
 - If you have an optional SFM attached, Trays 3 and 4 also appear on this screen.
4. Select Coating: Uncoated or Coated.
5. Select the desired Paper Weight range.
6. Select an alternative Paper Type.

The screenshot shows the 'Tools Mode: Decurler Setup' screen. It has a title bar 'Tools Mode.' and a subtitle bar 'Tools Mode: Decurler Setup' with 'Reset' and 'Close' buttons. The main area contains four sections: 'Paper Tray' with buttons 1 and 2; 'Coating' with 'Uncoated' and 'Coated' buttons; 'Paper Weight' with five range buttons (60-80, 81-105, 106-135, 136-186, 187-220, 221-300 g/m²); and 'Paper Type' with eight buttons (Type A, Type B, Type C, Type D, Type E1, Type E2, Type E3, Type E4, Type E5, Type E6). The 'Paper Type' section is enclosed in a red rounded rectangle.

- The default Paper Type, automatically applied by the printer, is displayed after adjusting the Tray, Coating and Paper Weight values. Select an alternate Paper Type from Paper Type A through Paper Type D to change the amount of decurling applied.
7. Touch the **Close** button to save your selections and return to the *Machine Defaults 2* screen.

8. Exit the Tools Mode and run a few test prints to determine if the curl was reduced to a satisfactory level.
 - If curl remains excessive, access Tools Mode, Decurler Settings and repeat steps 3 through 8. Insure an alternate Paper Type, selected from Paper Type A through Paper Type D, has been selected each time these steps are repeated.
9. Touch the **Reset** button on the *Decurler Setup* screen to return to the settings established when you first accessed the screen.
 - If you are not successful in reducing the curl, go the Using the Decurler E Table Settings procedure later in this chapter.

Decurler E Table Settings

If paper curl persists, even after using a Decurler Type A-D, then you can use the Decurler E Table Settings feature to reduce the curl in our output. When you select the Decurler E Table Settings feature, the following window opens:

The screenshot shows a software window titled "Tools Mode." with a subtitle "Tools Mode: Decurler E Table Settings". It includes "Reset" and "Close" buttons. The settings are organized into four columns:

- Paper Type:** Two checkboxes for "Single Paper Weight" and "Mixed Paper Weight".
- E Table:** Six checkboxes labeled "Type E1" through "Type E6".
- Decurler Type:** Five checkboxes: "Simplex: Straight", "Simplex: In Reverse", "Duplex: Side 1 → Side 2", "Duplex: Side 2 → Side 1", and "Duplex Decurler".
- Maximum Value of Image Area Coverage for Penetration Amount (0 - 100%):** A vertical slider and a button labeled "E Table Settings".



NOTE: As stated previously, before using a Decurler E Type, you must first set up the Decurler E Type setting or settings. When setting up an E Type, you also may set up multiple E Type settings at that time, if desired.

The following pages explain how to evaluate your output for curl and provides step-by-step instructions for using the Decurler E Table Settings feature.

Evaluate your print output for paper curl



Before using the Decurler E Table Settings, evaluate your output for paper curl and whether or not you need to use an E Type setting.

1. Determine if Xerox has tested your paper type and weight by going to the www.xerox.com web site and referring to the latest **Recommended Materials List** (RML) for your digital press.
2. Check your output prints (in the exit area of the digital press) for paper curl; determine if they are curled upward (“cupped”) or curled downward (“bridged”) as shown in the diagrams below:



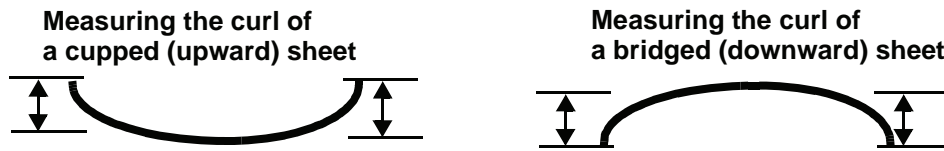
**Paper that is
cupped or
curled upward**



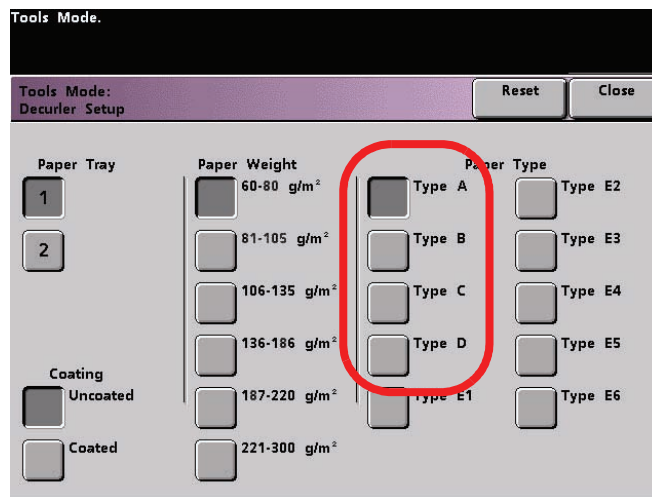
**Paper that is
bridged or
curled downward**

- The amount of curl on the output paper is affected by paper properties (weight, coating) and the amount of graphics and text on the paper.
3. Retrieve a sheet of the curled output and lay it on a flat surface.

4. Measure the height of the sheet, in millimeters (mm), at the four corners of the sheet.



- a. Add the four values, then divide by four to get an average.
 - b. Record the curl average (in millimeters) on a sheet of paper.
5. Try eliminating the curl by using one of the Decurler Paper Type Settings, specifically Types A-D:



- a. Perform the **Using the Decurler Setup** procedure earlier in this chapter and select one of the Decurler Paper Type A-D settings.
- b. Run the same print job again, and retrieve the output from the exit area of the digital press.

- c. Check the output for curl.
- d. If the curl is still persistent, try another Decurler Paper Type (A-D):

Tools Mode.

Tools Mode: Decurler Setup Reset Close

Paper Tray	Paper Weight	Paper Type
<input type="button" value="1"/>	<input type="text" value="60-80 g/m<sup>2</sup>"/>	<input type="button" value="Type A"/> <input type="button" value="Type E2"/>
<input type="button" value="2"/>	<input type="text" value="81-105 g/m<sup>2</sup>"/>	<input type="button" value="Type B"/> <input type="button" value="Type E3"/>
	<input type="text" value="106-135 g/m<sup>2</sup>"/>	<input type="button" value="Type C"/> <input type="button" value="Type E4"/>
	<input type="text" value="136-186 g/m<sup>2</sup>"/>	<input type="button" value="Type D"/> <input type="button" value="Type E5"/>
	<input type="text" value="187-220 g/m<sup>2</sup>"/>	<input type="button" value="Type E1"/> <input type="button" value="Type E6"/>
	<input type="text" value="221-300 g/m<sup>2</sup>"/>	

Coating

- e. If the curl continues after each Decurler Paper Type A-D setting is tried, continue to the **Using the Decurler E Table Settings** procedure on the next page; otherwise, continue to the next step.
6. Exit Tools Mode.

Using the Decurler E Table Settings



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



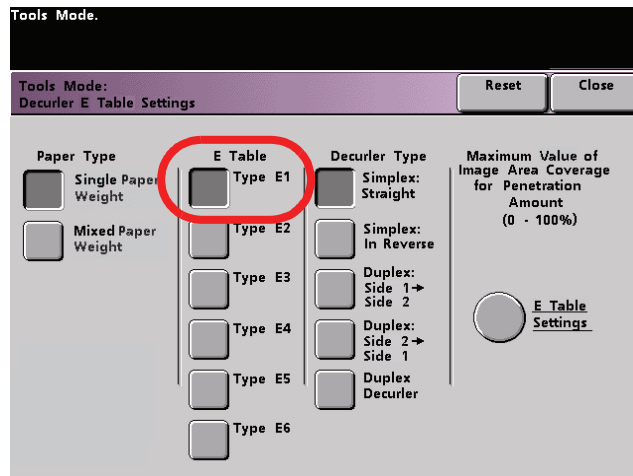
KEY POINT: The digital press retains the last set values for all the E Table Settings options. Therefore, before you make or change any E Table selections, copy and use the E Table Settings Chart located at the back of this book to record the default, manufacturer settings for each E Type (E1-E6).



NOTE: The manufacturer defaults for the above screen are *Single Paper Weight*, *Type E1*, and *Simplex Straight*.

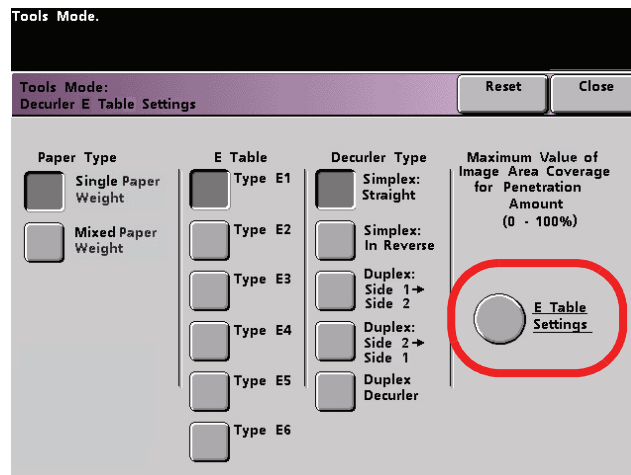
3. Select the **Paper Type:** Single Paper Weight or Mixed Paper Weight.

4. Select an E type from the **E Table** choices (E1-E6); in the example below, **Type E1** is selected. (**Type E1** will be used throughout this procedure.)



5. Select the **Decurler Type**:
- **Simplex: Straight**: Select this setting if your output is Single-sided, face-up
 - **Simplex: In Reverse**: Select this setting if your output is Single-sided, face-down
 - **Duplex: Side 1 to Side 2**: Select this setting if your output is 2-Sided and face-down (1-N)
 - **Duplex: Side 2 to Side 1**: Select this setting if your output is 2-Sided and face-up (N-1)
 - **Duplex Decurler**: Select this setting if your 2-Sided jobs are frequently jamming in Areas 5, 6, 7a, and 7b of the digital press and where paper curl is apparent.

6. After you select the Decurler Type, touch the **E Table Settings** button.



An E Table Settings window (for the specific Decurler Type selected) opens:

Tools Mode.

Decurler E Table Settings: Single Paper Weight
Type E1: Simplex Straight

Reset Close

Maximum Value of Image Area Coverage for Penetration Amount
(0 - 100%)

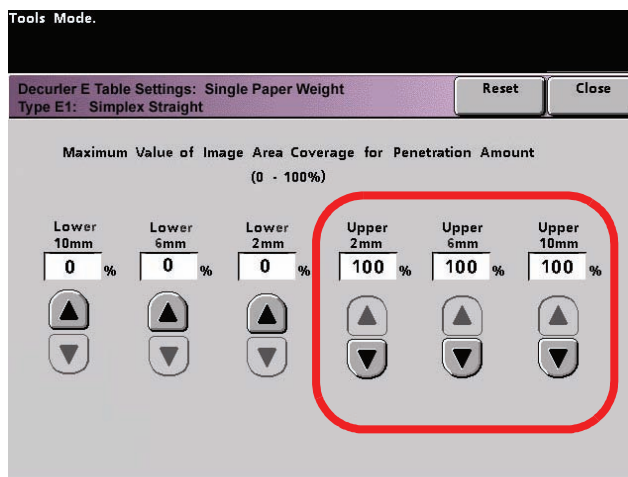
Lower 10mm	Lower 6mm	Lower 2mm	Upper 2mm	Upper 6mm	Upper 10mm
0 %	0 %	0 %	100 %	100 %	100 %

- The values in the above six windows control a mechanism in the digital press that compensates for the curl formed in the fusing process; this is done by inducing an equal but opposite curl in the paper. It is similar to passing a sheet over a sharp radius, and thereby producing a curl in the direction of the radius.
- The paper curl values that you recorded earlier from your calculations determine the values in the six windows in the above screen.
- The six windows are divided into two categories (**Lower** and **Upper**) with each having three discrete set points of 10 mm, 6 mm, and 2 mm. Each category is used to address upwards or downwards curl direction.

For example, paper that is "cupped" or curled upwards is adjusted using the **Upper** category of settings. Paper that is "bridged" or curled downwards is adjusted using the **Lower** category of settings.

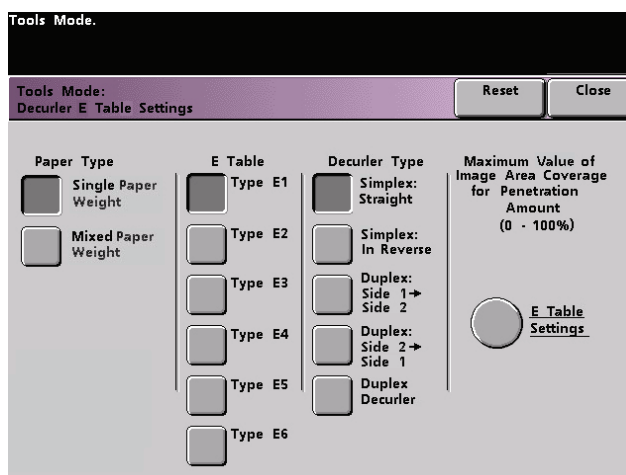
- Using your curl calculations, identify whether the paper curl is upward or downward and use the appropriate Upper or Lower windows of the E Table Settings screen.

For example, if your paper is curling upwards, use the Upper windows as indicated the following screen in red:

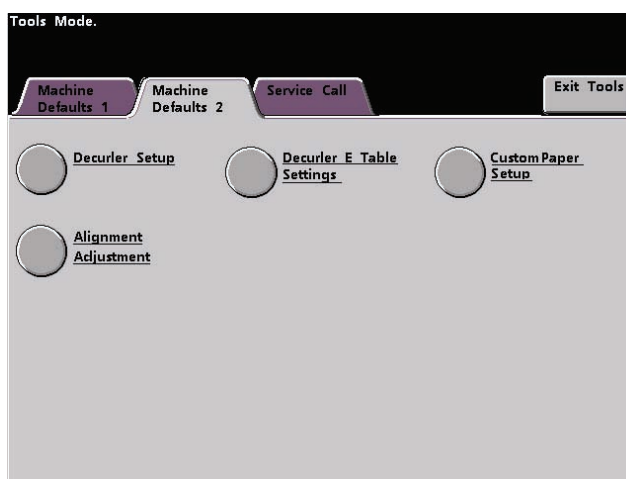


- Select the pages from your print job that represent the extremes in area coverage.
- Set the value in the **10 mm** window to **100%**.
- Set the remaining five window values to **0%**.

11. Touch the **Close** button to save these settings and return to the Decurler E Table Settings window.



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



13. Touch the **Decurler Setup** button.

14. From the Decurler Setup window, touch the appropriate **Paper Tray** and **Coating** buttons.

Tools Mode.

Tools Mode: Decurler Setup Reset Close

Paper Tray	Paper Weight	Paper Type	
<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 60-80 g/m ²	<input checked="" type="checkbox"/> Type A	<input type="checkbox"/> Type E2
<input type="checkbox"/> 2	<input type="checkbox"/> 81-105 g/m ²	<input type="checkbox"/> Type B	<input type="checkbox"/> Type E3
	<input type="checkbox"/> 106-135 g/m ²	<input type="checkbox"/> Type C	<input type="checkbox"/> Type E4
	<input type="checkbox"/> 136-186 g/m ²	<input type="checkbox"/> Type D	<input type="checkbox"/> Type E5
	<input type="checkbox"/> 187-220 g/m ²	<input type="checkbox"/> Type E1	<input type="checkbox"/> Type E6
	<input type="checkbox"/> 221-300 g/m ²		

Coating

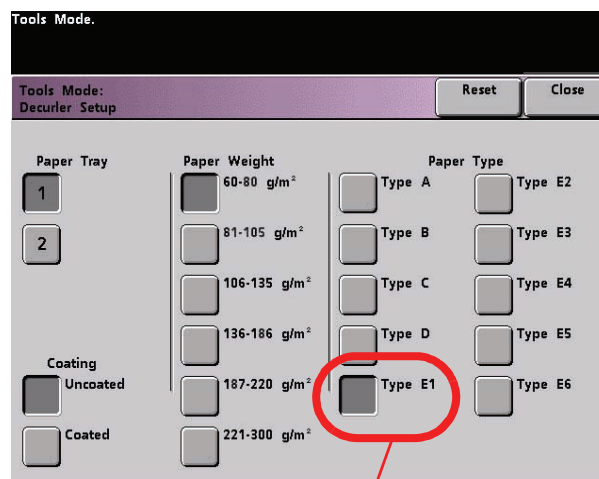
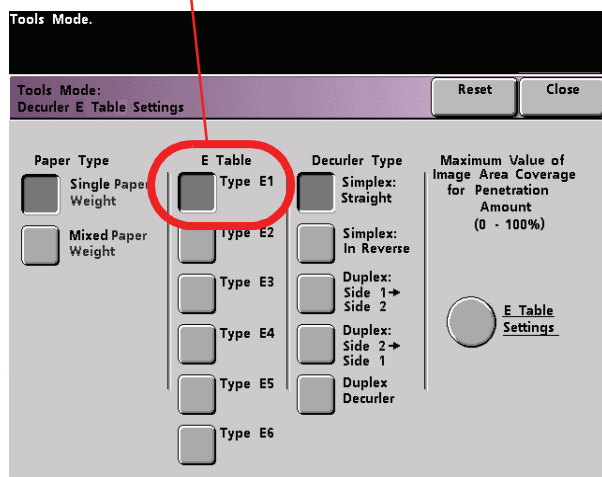
☒ Uncoated

☐ Coated

15. Select the appropriate **Paper Weight**.

16. Select the Paper Type (E1-E6) as determined earlier in Step 4 of this procedure; refer to the screen below.

1. **Type E1** is selected; this is the selection made in Step 4 of this procedure.



2. Ensure that **Type E1** is selected on the Decurler Setup screen.



KEY POINT: The above illustration is an example only. Your actual selections for your print job may use different settings than is shown above.

17. Touch the **Close** button to save these settings and return to the *Machine Defaults 2* screen.
18. Exit Tools Mode.
19. Print five pages of each representative image as determined in Step 8.

For example, run five pages of a sample page of your job with the highest area coverage and set aside in one pile. Run five pages of a sample page of your job with the lowest area coverage, and set aside in another pile for evaluation in Step 20.

20. Retrieve your output and assess the condition of each stack for paper curl.
 - a. If the curl is eliminated in both stacks of the output, continue printing the job.
 - b. If the curl in both stacks is in the opposite direction from the original paper curl, additional adjustments are required; proceed to Step 21.
 - c. If the curl is eliminated in one stack but not the other, additional adjustments are required; proceed to Step 29.
21. Perform Steps 2-8 (in Step 4 select the same Paper Type E1 through E6 as used previously) and then proceed with Step 22.
22. Set the values in the **10 mm** and **6 mm** windows to **100%**.
23. Set the remaining window values to **0%**.

In this example, the Upper 10 mm and Upper 6 mm values are changed to 100%. The remaining values are set at 0%.

Tools Mode.

Decurler E Table Settings: Single Paper Weight
Type E1: Simplex Straight

Reset Close

Maximum Value of Image Area Coverage for Penetration Amount
(0 - 100%)

Lower 10mm	Lower 6mm	Lower 2mm	Upper 2mm	Upper 6mm	Upper 10mm
0 %	0 %	0 %	0 %	100 %	100 %



KEY POINT: The above illustration is an example only. Your actual E Table Settings for your print job may use different Upper/Lower values than is shown above.

24. Repeat Steps 11 through 19 and then proceed to Step 24a.
 - a. If the curl is eliminated in both stacks of the output, continue printing the job.
 - b. If the curl in both stacks is in the opposite direction from the original paper curl, additional adjustments are required; proceed to Step 25.
 - c. If the curl is eliminated in one stack but not the other, additional adjustments are required; proceed to Step 29.
25. Perform Steps 2-8 (in Step 4 select the same Paper Type E1 through E6 as used previously) and then proceed with Step 26.
26. Set the values in the **10 mm**, **6 mm**, and **2 mm** windows to **100%**.
27. Set the remaining window values to **0%**.

In this example, the Upper 10 mm, 6 mm, and 2 mm values are changed to 100%. The remaining values are set at 0%.

Lower 10mm	Lower 6mm	Lower 2mm	Upper 2mm	Upper 6mm	Upper 10mm
0 %	0 %	0 %	100 %	100 %	100 %



KEY POINT: The above illustration is an example only. Your actual E Table Settings for your print job may use different Upper/Lower values than is shown above.

28. Repeat Steps 11 through 19, then skip to Step 28a.
 - a. If the curl is eliminated in both stacks of the output, continue printing the job.
 - b. If the curl is eliminated in one stack but not the other, additional adjustments are required; proceed to Step 29.
29. To reduce the remaining paper curl, fine tune the E Table Settings by performing Steps 2-8 (in Step 4 select the same Paper Type E1 through E6 as used previously), then Step 29a
 - a. If the 10 mm, 6 mm, and 2 mm values are 100%, **reduce** the **2 mm** value to **50%**.
 - b. Do not change the other values.

In this example, the Upper 10 mm and Upper 6 mm values are set to 100%. The Upper 2 mm value is set to 50%. The remaining values are set at 0%

Tools Mode.

Decurler E Table Settings: Single Paper Weight
Type E1: Simplex Straight

Reset Close

Maximum Value of Image Area Coverage for Penetration Amount
(0 - 100%)

Lower 10mm	Lower 6mm	Lower 2mm	Upper 2mm	Upper 6mm	Upper 10mm
0 %	0 %	0 %	50 %	100 %	100 %



KEY POINT: The above illustration is an example only. Your actual E Table Settings for your print job may use different Upper/Lower values than is shown above.

- c. Repeat Steps 11 through 19, then skip to Step 28d.
 - d. If required, change these values:
 - 2 mm = 25%
 - 6 mm = 50%
 - e. Repeat Steps 11 through 19, then skip to Step 30.
30. If you are not successful in reducing the curl, call your Xerox service representative.

Custom Paper Setup

Different media (including paper type, weight, and coating/uncoating) may require specific handling by the digital press as it is moving through the paper path. For example, some media types may skew or curl as they progress through the printing path of the digital press. This may occur on frequently-run jobs and/or jobs with a high volume output.

The Custom Paper Setup feature allows you set custom paper profiles for different types of media and jobs, such as outlined in the above example. These profiles may be used at point of need in order to ensure optimum output quality of your prints/jobs.

By setting custom paper profiles for specific media types, you can avoid output prints that are skewed, curled, have too much toner or not enough toner in areas, or images that are not registered properly on the output print, such as Side 1 and/or Side 2 images that are misregistered.



NOTE 1: *Once a Custom Paper Profile is set and in use, your color server reflects that profile in the print options for print jobs.*

NOTE 2: *Adjusting registration for Side 1 and/or Side 2 images is covered in detail in the Alignment Adjustment feature later in this chapter.*

Custom Paper procedure

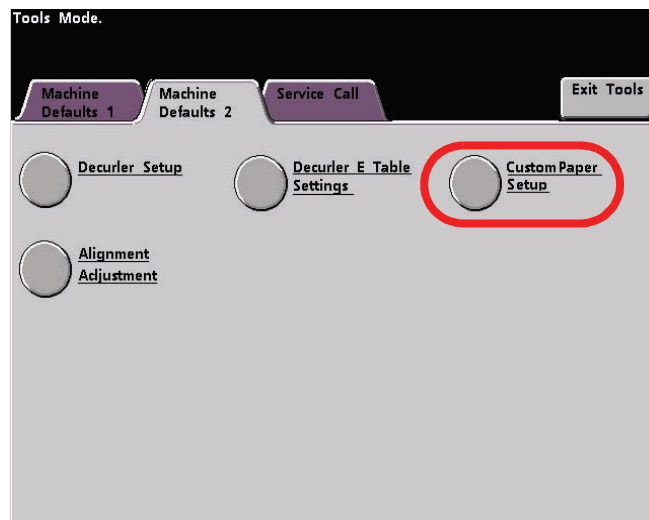


Use the following procedure for creating/modifying a Custom Paper Profile.

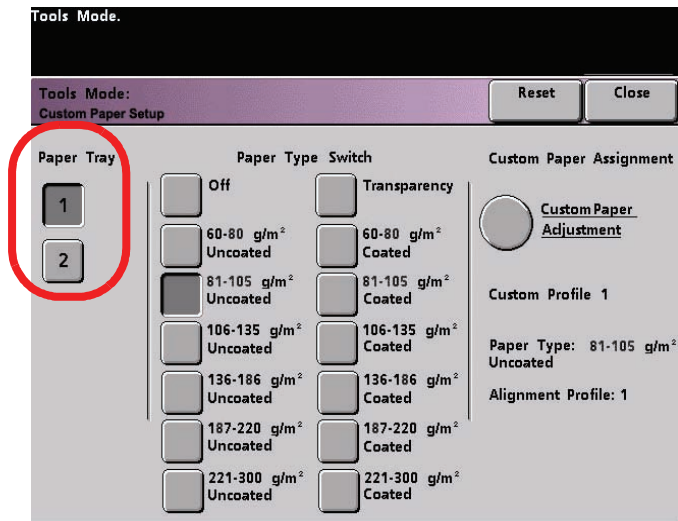


KEY POINT: Before creating or modifying Custom Paper Profiles, copy and use the chart at the back of this book to record your Custom Paper Profile settings. This will ensure that you select the correct profile for a custom job.

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



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



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

4. Select the **Paper Type Switch**.



NOTE: The default setting is *Off*.

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

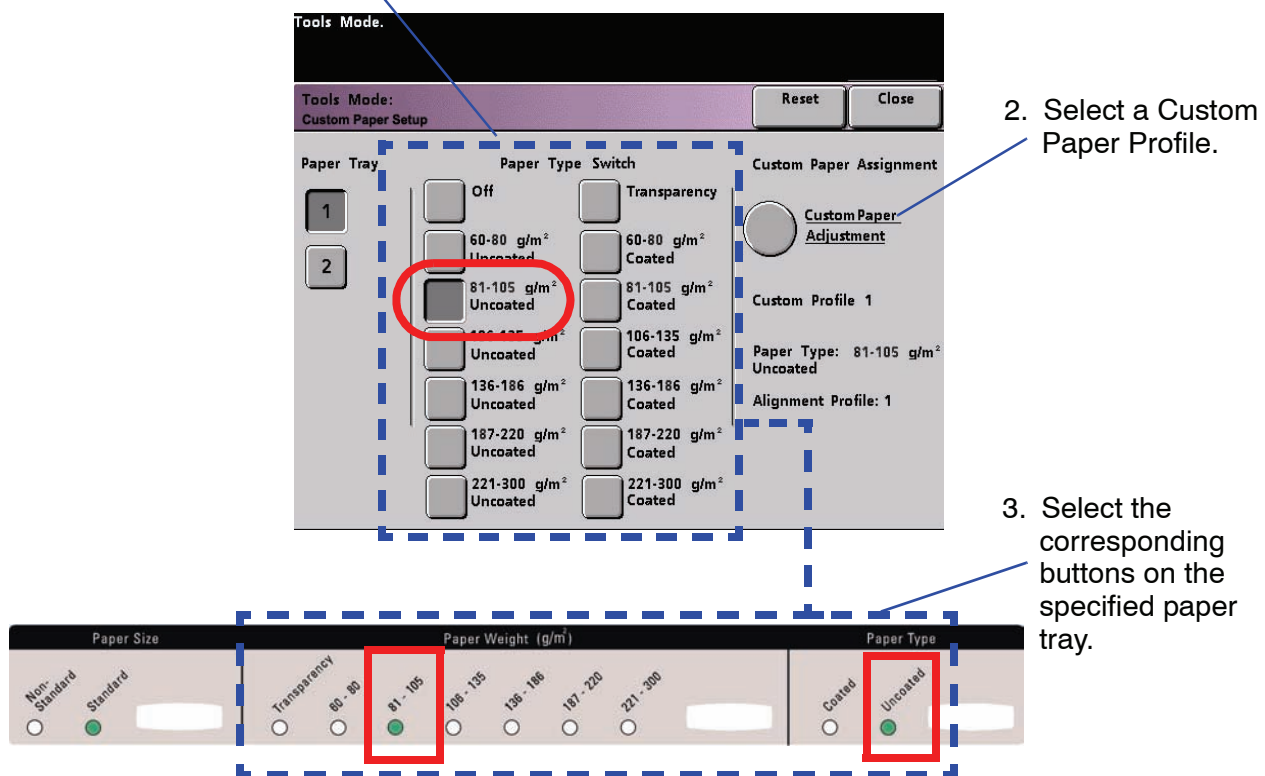
Paper Size		Paper Weight (g/m ²)							Paper Type	
Non-Standard	Standard	Transparency	60 - 80	81 - 105	106 - 135	136 - 186	187 - 220	221 - 300	Coated	Uncoated
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

Refer to the following example:

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

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



2. Select a Custom Paper Profile.

3. Select the corresponding buttons on the specified paper tray.

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



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

5. Select **Custom Paper Adjustment**.

Tools Mode.

Tools Mode:
Custom Paper Setup

Reset Close

Paper Tray

1
2

Paper Type Switch

Off Transparency

60-80 g/m² Uncoated 60-80 g/m² Coated

81-105 g/m² Uncoated 81-105 g/m² Coated

106-135 g/m² Uncoated 106-135 g/m² Coated

136-186 g/m² Uncoated 136-186 g/m² Coated

187-220 g/m² Uncoated 187-220 g/m² Coated

221-300 g/m² Uncoated 221-300 g/m² Coated

Custom Paper Assignment

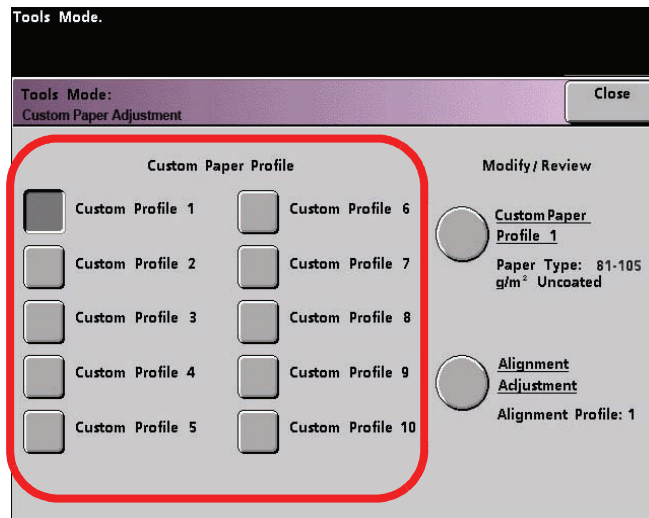
Custom Paper Adjustment

Custom Profile 1

Paper Type: 81-105 g/m² Uncoated

Alignment Profile: 1

The **Custom Paper Adjustment** window opens.



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

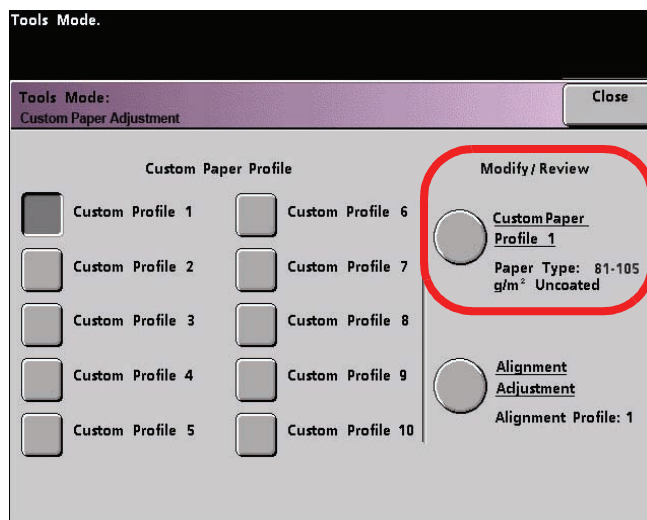
- After selecting a Custom Paper Profile button, the Custom Paper Profile and Alignment Adjustment buttons on the right are selectable.



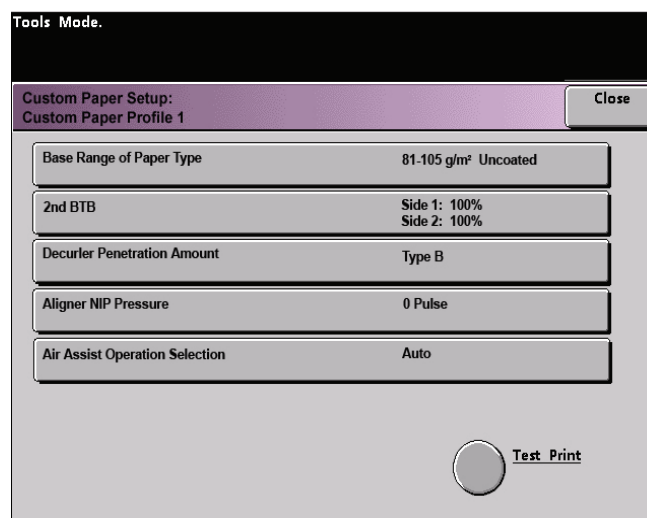
KEY POINT: Important information about this feature includes the following:

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

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



The **Custom Paper Profile** window opens.



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

These options include:

- **Base Range of Paper Type:** This is the actual type of paper you are loading in the paper tray.

Tools Mode.

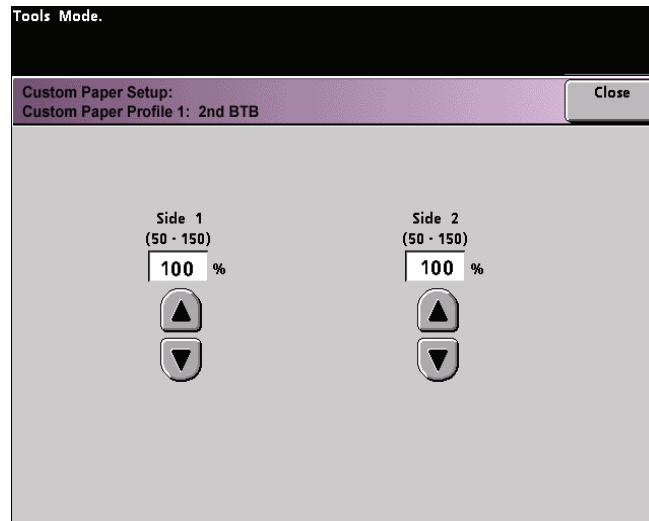
Custom Paper Setup:
Custom Paper Profile 1: Base Range of Paper Type

Close

Base Range of Paper Type

<input type="radio"/> 60-80 g/m ² Uncoated	<input type="radio"/> 60-80 g/m ² Coated
<input checked="" type="radio"/> 81-105 g/m ² Uncoated	<input type="radio"/> 81-105 g/m ² Coated
<input type="radio"/> 106-135 g/m ² Uncoated	<input type="radio"/> 106-135 g/m ² Coated
<input type="radio"/> 136-186 g/m ² Uncoated	<input type="radio"/> 136-186 g/m ² Coated
<input type="radio"/> 187-220 g/m ² Uncoated	<input type="radio"/> 187-220 g/m ² Coated
<input type="radio"/> 221-300 g/m ² Uncoated	<input type="radio"/> 221-300 g/m ² Coated
<input type="radio"/> Transparency	

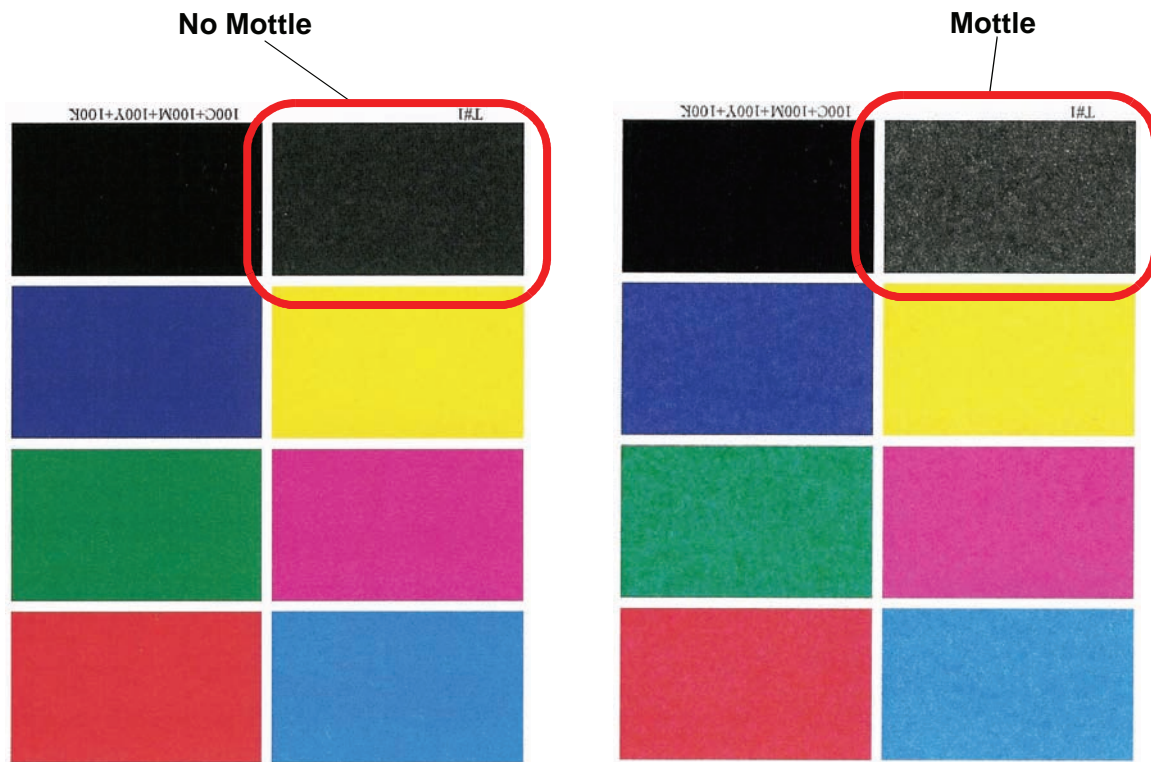
- **2nd BTB:** The Second Bias Transfer Belt is a feature that is normally used with heavier weight paper (220 g/m² and greater, 10 pt, 12 pt).



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

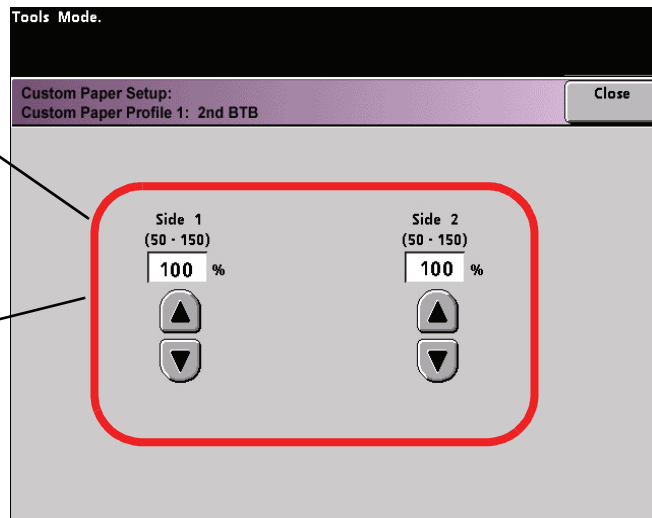
Use This feature when your:

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



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

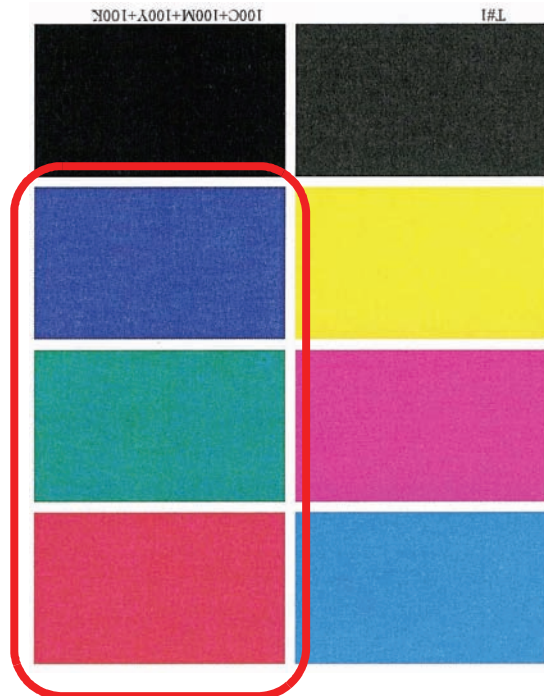
♦ If mottle exists and it is light weight paper, **increase** one or both of the 2nd BTB values. Evaluate the image quality. If the image quality is equal to or worse than the 100% default setting, decrease one or both of the 2nd BTB values until a satisfactory image quality is obtained.



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

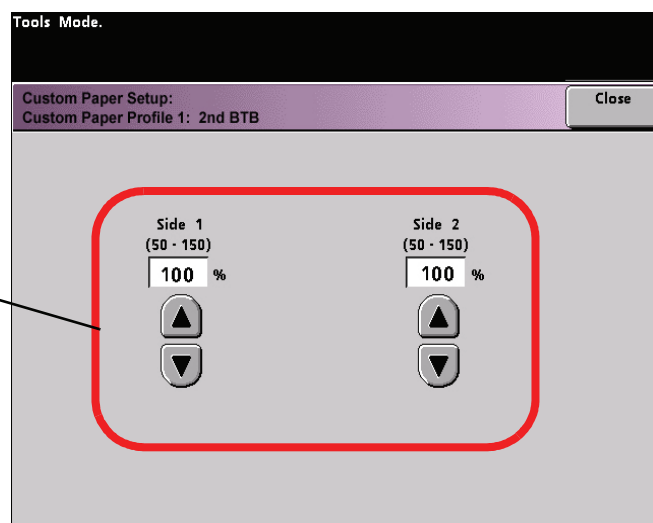


This test pattern represents an output with the desired colors.

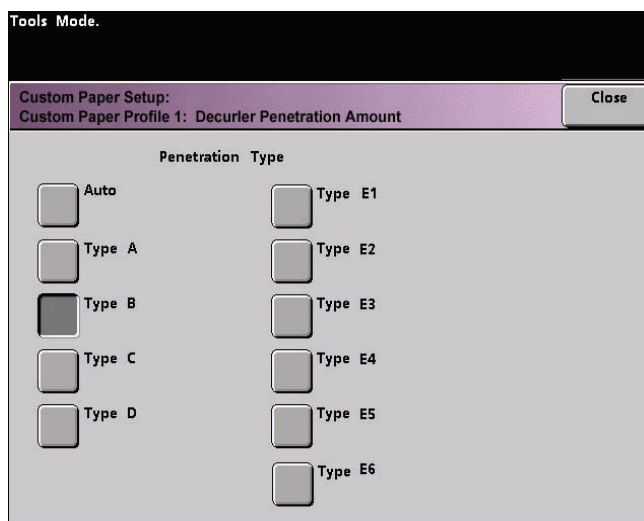


This test pattern represents an output with a shift in colors, and thereby an undesired output.

- ♦ If mottle color shift exists, increase one or both of the 2nd BTB values.

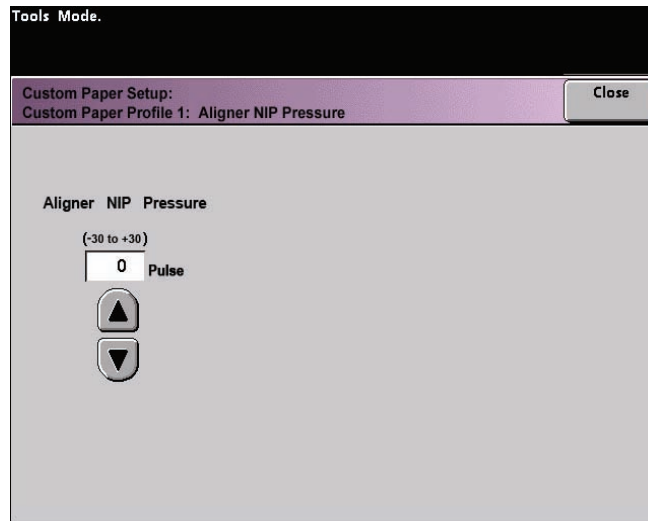


- **Decurler Penetration Amount:** Use this feature to compensate for paper curl in your output prints. This is the same as the Decurler Setup feature.



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

- **Aligner NIP Pressure:** Use this feature with paper types that slip and skew or have damaged edges.



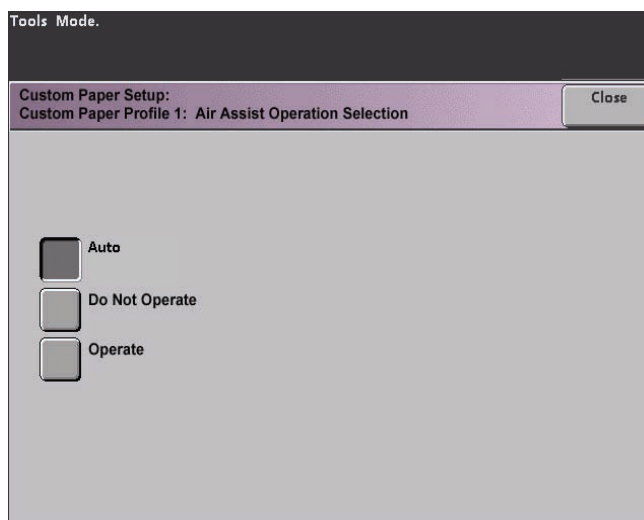
Examples:

- Some coated paper types slip and skew, thereby having the image misregistered on the output prints. In this case, you may want to increase the NIP pressure in order to compensate for the slippage and skewing.
- Some light-weight papers may have too much NIP pressure applied to them, thereby causing edge damage to the output prints. In this case, you may to decrease the NIP pressure.
- If you are experiencing numerous 8-154 faults, increase the NIP pressure and continue to run the digital press.



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

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

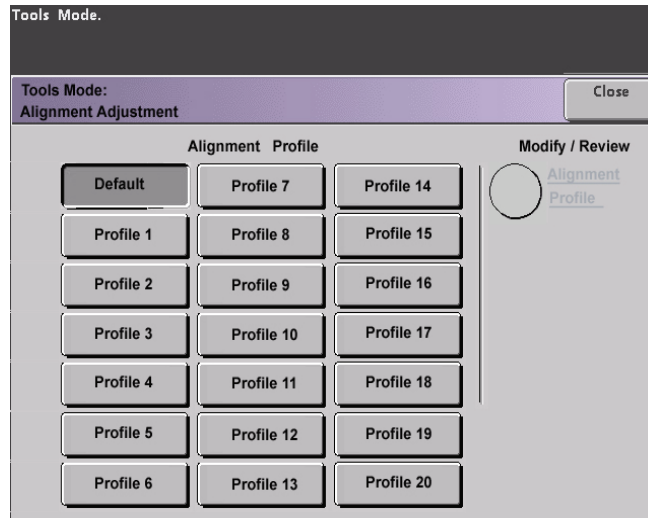


NOTE: The default setting is Auto.

Examples:

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

8. Make the desired selections from the Custom Paper Profile selections. Select **Close** to save the changes and close the window.
9. If necessary, you can select or create an Alignment Adjustment Profile for this Custom Paper Profile.



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

10. Load your custom paper in the same paper tray as the one you selected for this Custom Paper Profile. **Ensure that you set the tray buttons to reflect the same information as your Paper Type Switch settings.**

11. After you select all the desired settings for this Custom Paper Profile, run a **Test Print** to ensure that the output is satisfactory.

Tools Mode.

Custom Paper Setup:
Custom Paper Profile 1

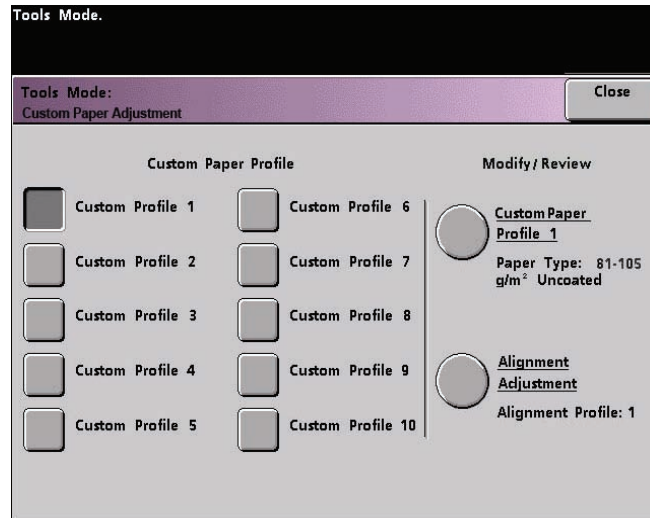
Close

Base Range of Paper Type	81-105 g/m ² Uncoated
2nd BTB	Side 1: 100% Side 2: 100%
Decurler Penetration Amount	Type B
Aligner NIP Pressure	0 Pulse
Air Assist Operation Selection	Auto

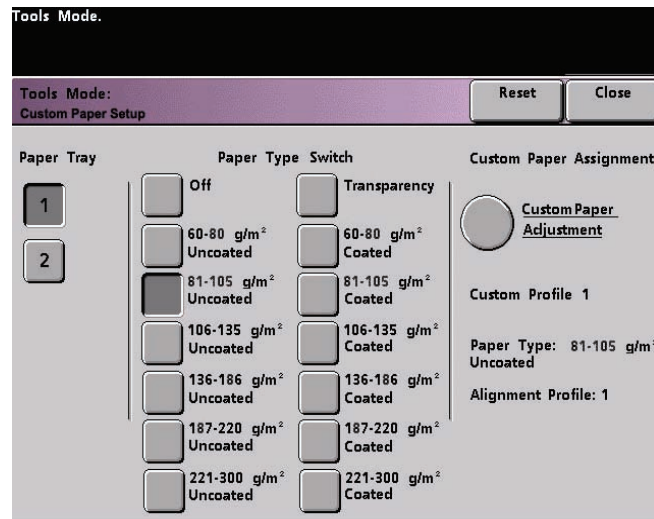
Test Print

12. If the output is not satisfactory, perform Steps 1-10 again to readjust the parameters for this Custom Paper Profile.
- Run another Test Print to ensure that your output is satisfactory.
 - Continue to perform these steps until your output is satisfactory.
13. Once your output is satisfactory, select the **Close** button.

This returns you to the Custom Paper Adjustment screen:



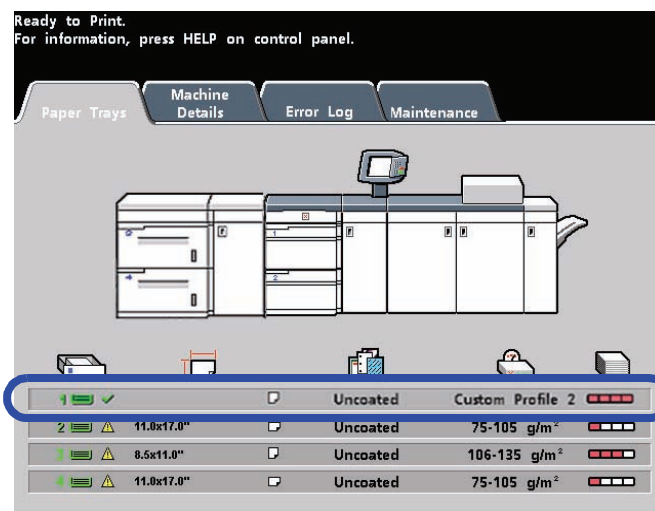
14. Select the Close button to return to the Custom Paper Setup screen:



15. Select the Close button to save and close these settings for this Custom Paper Profile.

If you do not want to save this profile, select the Reset button to discard all the selections for this profile and reset them to the machine defaults.

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



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

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

Alignment Adjustment

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

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



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

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

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



NOTE 1: Remember: Your Alignment Profile may or may not be affiliated with a Custom Paper Profile.

NOTE 2: Once an Alignment Profile is set and in use, your color server will not reflect that profile in the print options for print jobs.

NOTE 3: After an Alignment Profile is set, it remains active until you reenter Tools Mode and switch it off. If an active Alignment Profile is not associated with a Custom Paper Profile, it is used for each paper tray to which it is assigned.

Alignment Adjustment Profile procedure



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

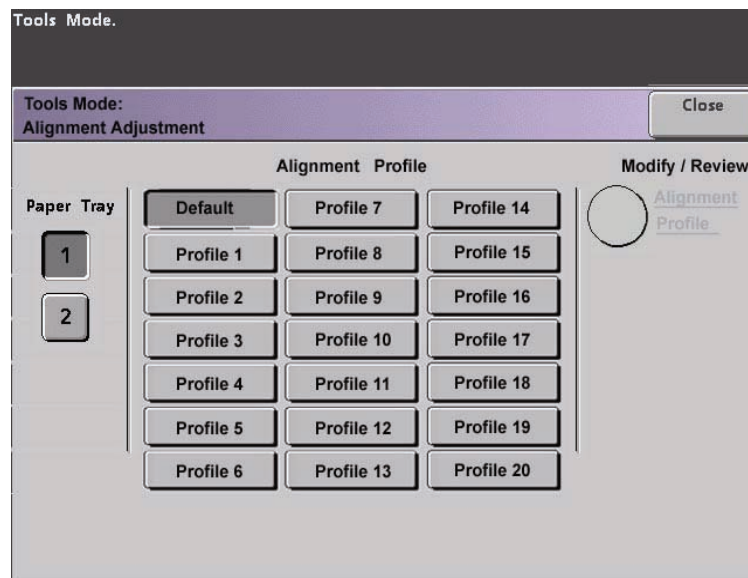


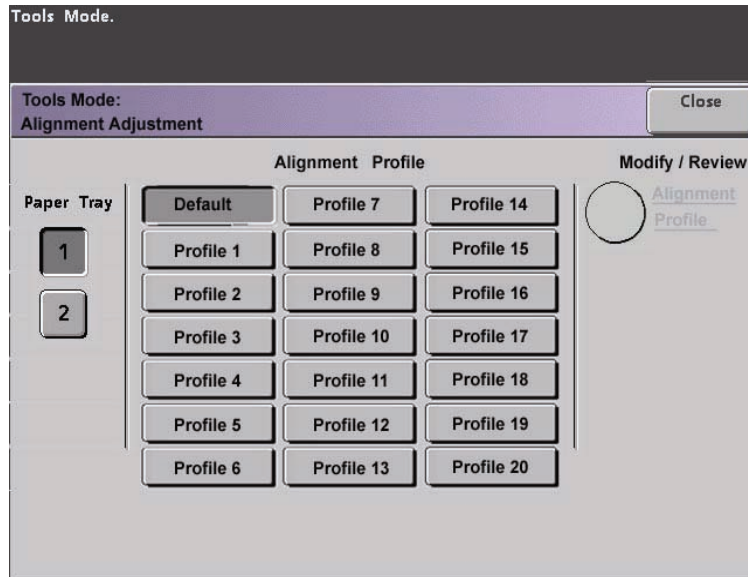
KEY POINT: Before creating or modifying Alignment Profiles, copy and use the chart at the back of this book to record your Alignment Profile settings. This will ensure that you select the correct profile for a custom job.



NOTE: If you require a Custom Paper Profile associated with this Alignment Profile, you can set the Custom Paper Profile information either now or after you create the Alignment Profile.

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



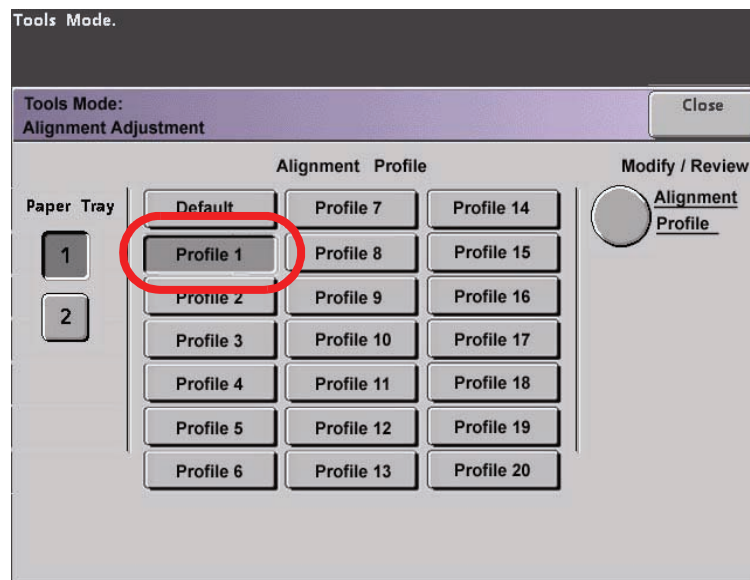
2. Select a **Paper Tray**.

KEY POINT: If you are creating an Alignment Profile in affiliation with a Custom Paper Profile and have arrived here from the Custom Paper Setup procedure, then this screen will not reflect any Paper Tray information. The Paper Tray information was selected earlier in your associated Custom Paper Profile.



NOTE: If you have an optional SFM attached to your digital press, this screen will reflect the additional Paper Trays 3 and 4.

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



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

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

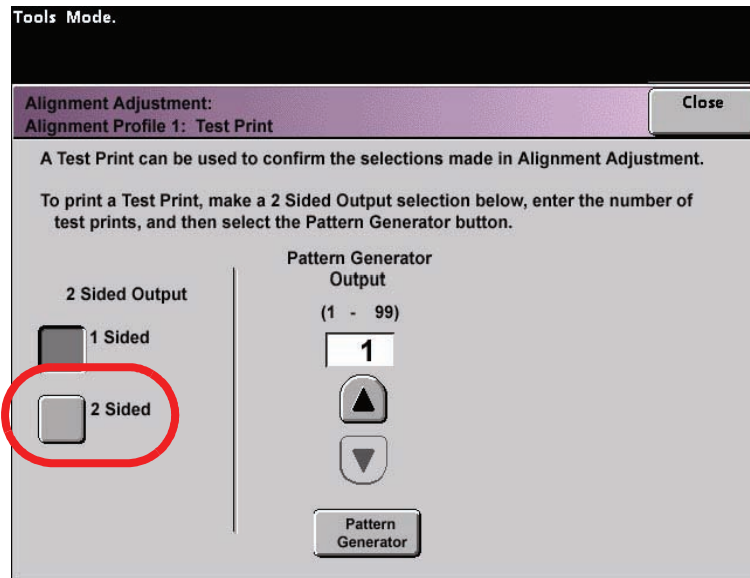
Tools Mode.

Alignment Adjustment:
Alignment Profile 1 Close

Lead Registration	Side 1: +2.0 mm Side 2: +2.0 mm	1/1 ▲ ▼
Side Registration	Side 1: -0.7 mm Side 2: -0.7 mm	
Perpendicularity	Side 1: 0.0 mm Side 2: 0.0 mm	
Side Skew	Side 1: -2.0 mm Side 2: +2.0 mm	
FS Direction Image Magnification	Side 1: 0.000% Side 2: 0.000%	
SS Direction Image Magnification	Side 1: 0.000% Side 2: 0.000%	

Test Print

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



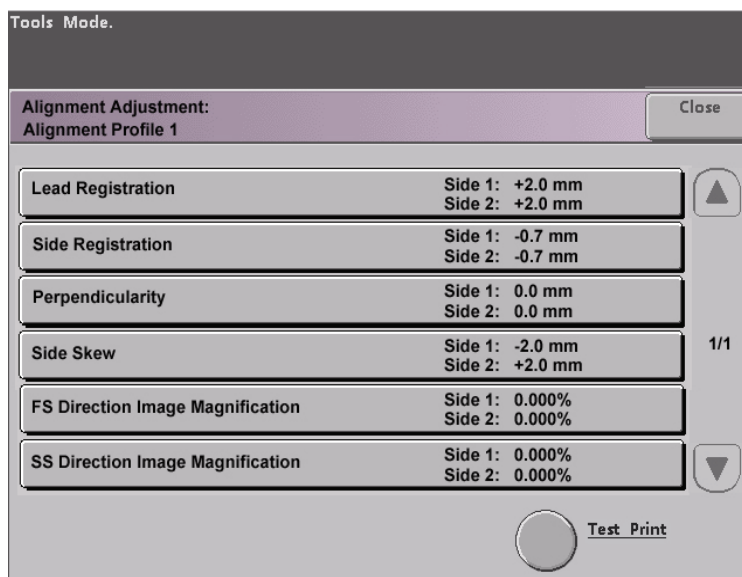
- a. Touch the **2 Sided** button.



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

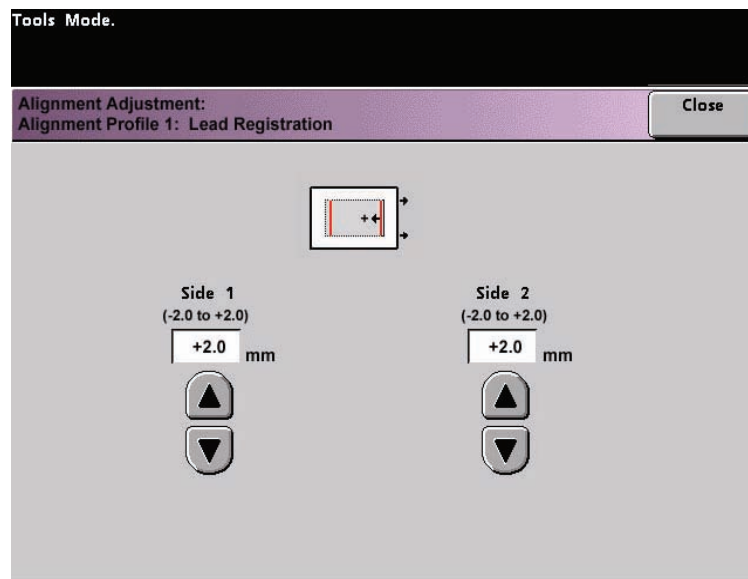
- b. Select **10** test prints by touching the **Up** arrow button to change the number of test prints generated.
- c. Touch the **Pattern Generator** button.
- d. Retrieve your output test prints from the digital press.
- e. Discard the first few prints, as inconsistency tends to be greater with these images.

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



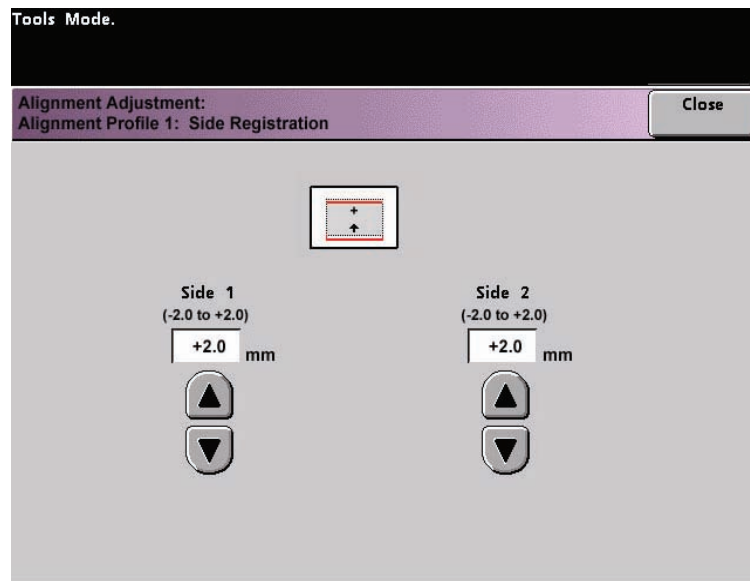
Each of the above Alignment features is discussed on the following pages.

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



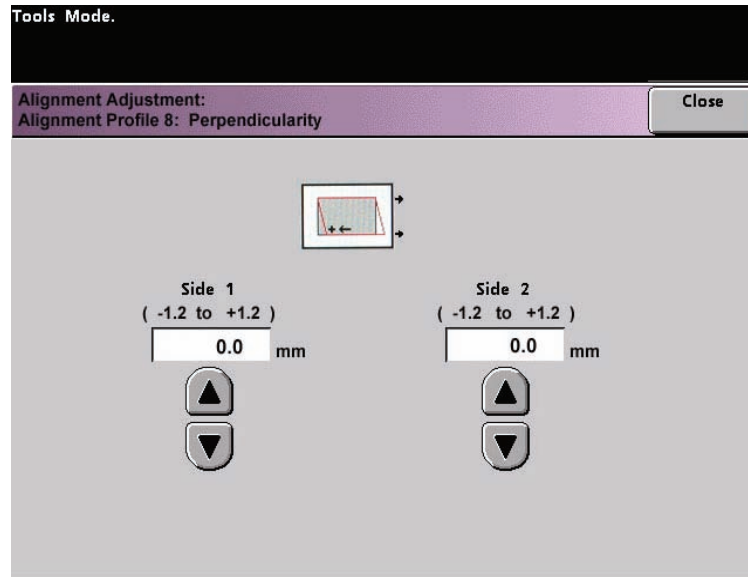
- The factory default setting is zero (0).
- The arrows on the right side of the illustration show the paper feed direction.
- The + sign, the left-pointing arrow, and the red lines shows the direction the image will move on the paper when the value is increased.
- If you select a negative value (for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

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



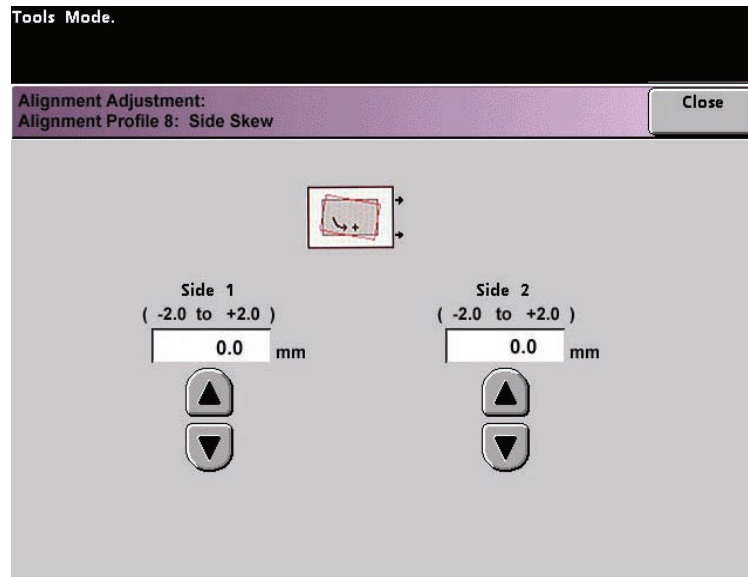
- The factory default setting is zero (0).
- The + sign, the up arrow, and the red lines shows the direction the image will move on the paper when the value is increased.
- If you select a negative value (for example, -1.0 mm), the image on the paper moves downward.

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



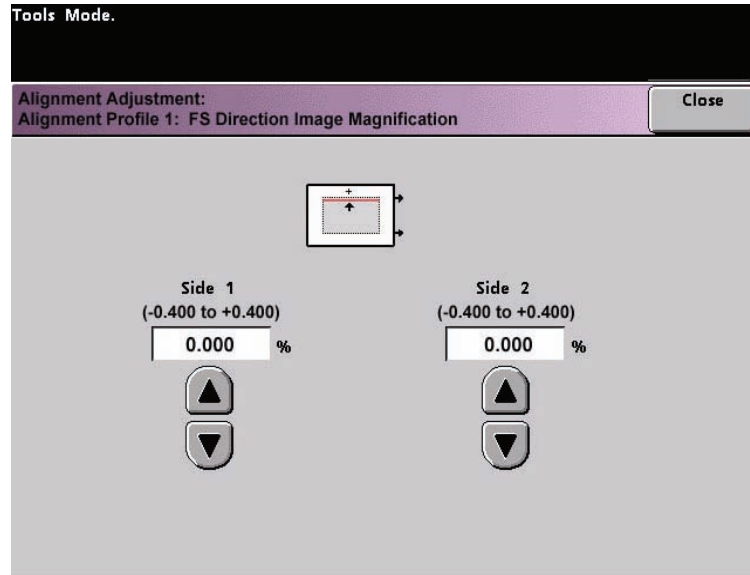
- The factory default setting is zero (0).
- The arrows on the right side of the illustration show the paper feed direction.
- The + sign, the left-pointing arrow, and the red lines shows the direction the image will move on the paper when the value is increased.
- If you select a negative value (for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

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



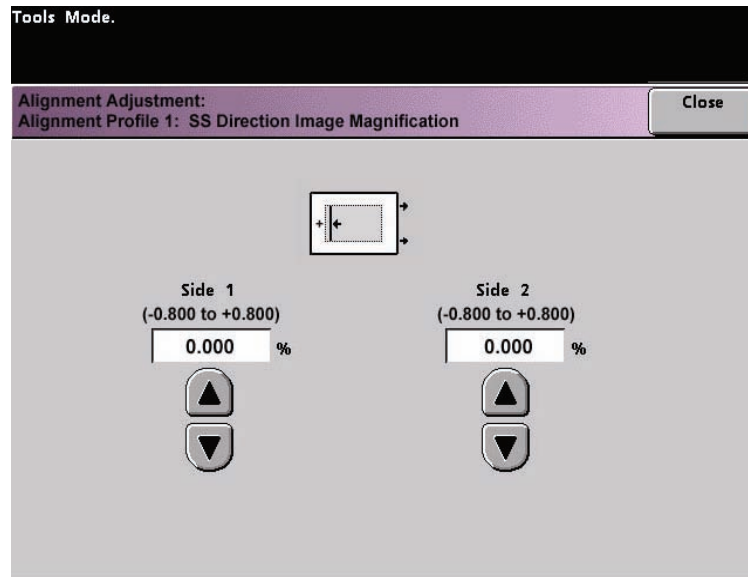
- The factory default setting is zero (0).
- The arrows on the right side of the illustration show the paper feed direction.
- The + sign, the right-curved arrow, and the red lines shows the direction the image will move on the paper when the value is increased.
- If you select a negative value (for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

- **FS Direction Image Magnification:** Use this feature to correct for image stretch from Side 1 to Side 2. The image may be enlarged or reduced as necessary.



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

- **SS Direction Image Magnification:** Use this feature to correct for image stretch from Side 1 to Side 2. The image may be enlarged or reduced as necessary.



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

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






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

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

Tools Mode.

Alignment Adjustment:
Alignment Profile 1 Close

Lead Registration	Side 1: +2.0 mm Side 2: +2.0 mm	1/1  
Side Registration	Side 1: -0.7 mm Side 2: -0.7 mm	
Perpendicularity	Side 1: 0.0 mm Side 2: 0.0 mm	
Side Skew	Side 1: -2.0 mm Side 2: +2.0 mm	
FS Direction Image Magnification	Side 1: 0.000% Side 2: 0.000%	
SS Direction Image Magnification	Side 1: 0.000% Side 2: 0.000%	

 **Test Print**

9. Select **Test Print** to ensure that the output is satisfactory.

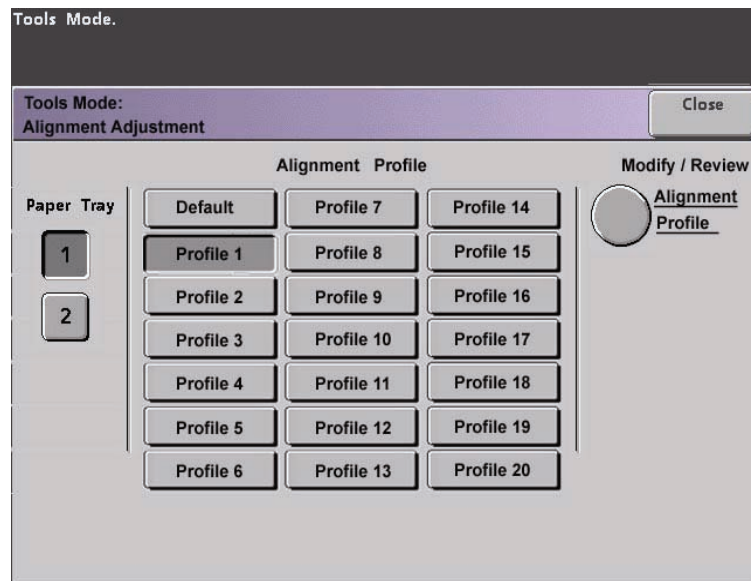
- a. Touch the **2 Sided** button.



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

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

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



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

13. Close out of Tools Mode.



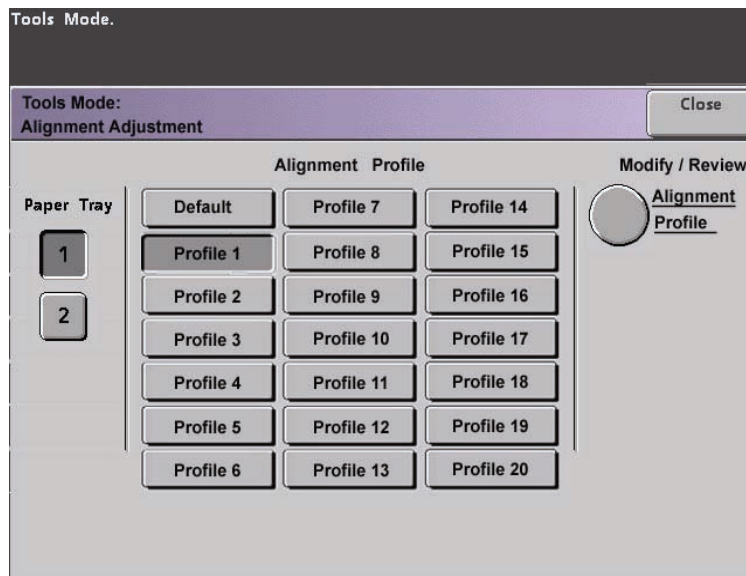
KEY POINT: The Alignment Profile you just created/modified is now in affect for the specific Paper Tray that you selected in the procedure. This Alignment Profile remains in affect until you reenter Tools Mode and deactivate it. To deactivate an Alignment Profile, continue to the next page.

Deactivating an Alignment Adjustment Profile



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

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

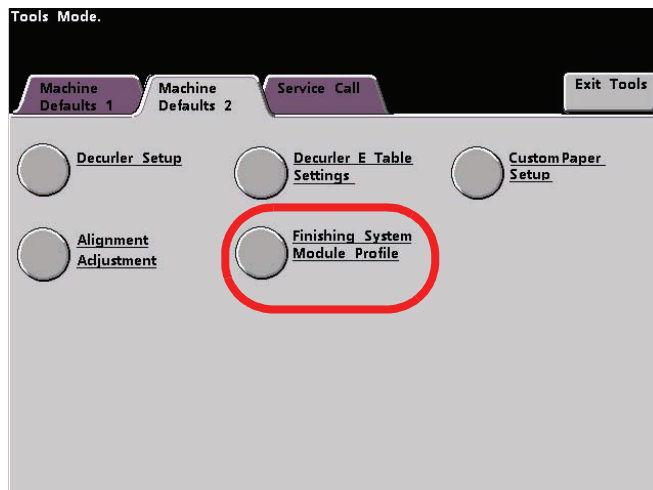


The Profile number button selected for this Alignment Profile will be selected. For example, the above illustration shows that Tray 1 is assigned Alignment Profile 1.

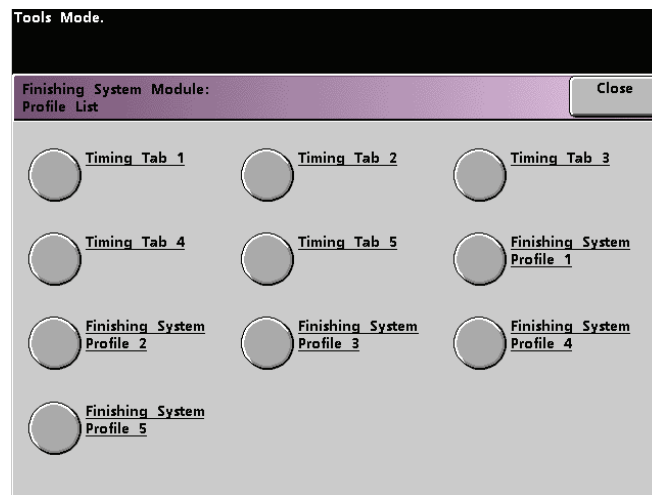
5. Touch the **Default** button. This switches off the Alignment Adjustment Profile.
 - Select **Close** to return to the Machine Defaults 2 screen.
6. Exit the Tools Mode by touching the **Close** button.

Finishing System Module Profile (DFA device)

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



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



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

2. 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

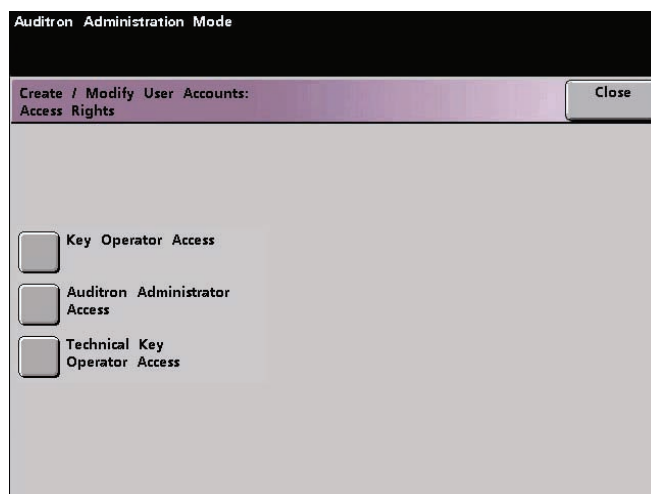
The Auditron Mode enables you to:

- 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.

Use the following procedure to access the Auditron Administration screens.

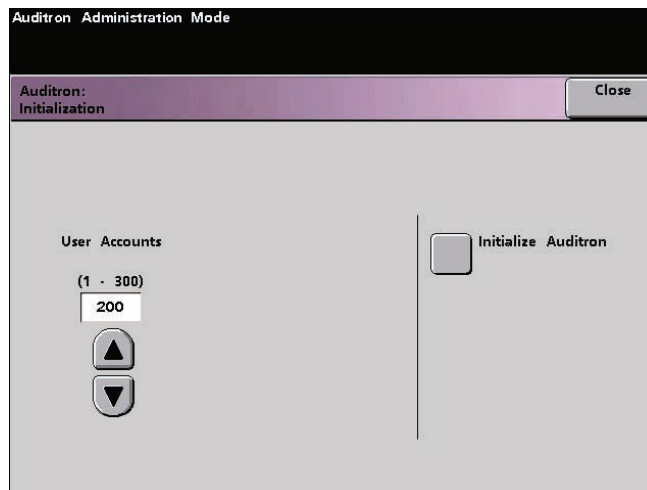


1. Press the **Access** button on the Control Panel.
2. Use the Control Panel keypad to enter the Tools Mode five-digit password, and then touch the **Enter** button on the Touch Screen.
3. Touch the **Auditron Administration Pathway** button on the screen. The *Auditron Administration* screen appears.



Initialization

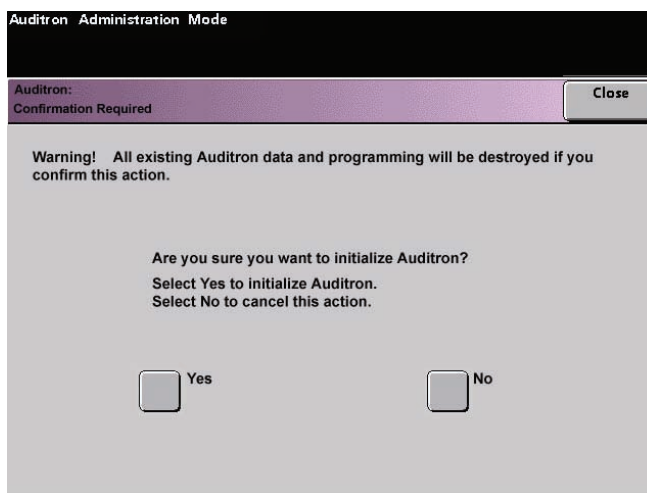
User Accounts are individual accounts that can be set up with print limits, color limits, a password, and copy volume limits. The *Initialization* screen allows you to reset information in User Accounts.



The Initialization screen allows you to:

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

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



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

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

Create/Modify User Accounts

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

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

Creating a User Account

Use the following procedure to create a User Account.



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

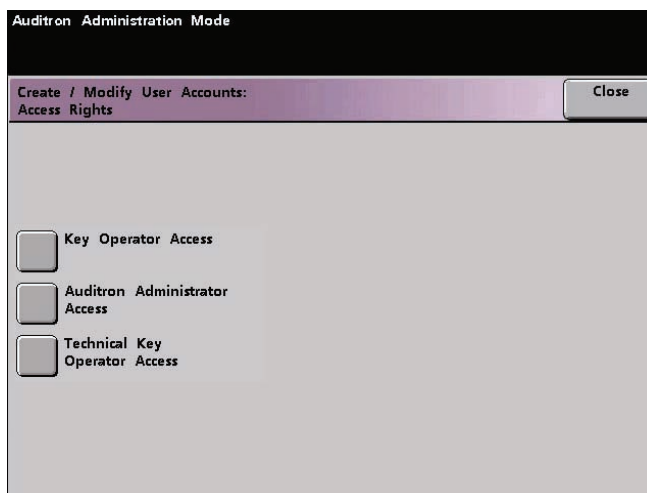


1. Touch the Create/Modify User Accounts button on the Auditron Administration screen. The Create/Modify User Accounts screen appears.

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 three buttons: 'Undo', 'Access Rights', and 'Close'. The main area is titled 'Account Setup' and contains two columns. The left column is labeled 'Account Number (1-200)' and has a text box with '1'. Below this are four checkboxes: 'Next Open Account', 'Next Active Account', 'Previous Account', and 'From Keypad'. The right column is labeled 'Input the Password using the keypad on the Control Panel. Select Enter after the Password has been entered.' It has a text box labeled 'User Password' with '11111' and an 'Enter' button. At the bottom left is an 'Enter' button.

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

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



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



NOTE: The optional Technical Key Operator feature may or may not be activated with your configuration.

5. Touch the Close button to return to the Create/Modify User Accounts screen.

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 three buttons: 'Undo', 'Access Rights', and 'Close'. The main area is titled 'Account Setup' and contains instructions: 'Input the Password using the keypad on the Control Panel. Select Enter after the Password has been entered.' On the left, there is a section for 'Account Number (1-200)' with a text box containing '1' and four buttons: 'Next Open Account', 'Next Active Account', 'Previous Account', and 'From Keypad'. On the right, there is an 'Input Password' button and a 'User Password' text box containing '11111'. At the bottom left is an 'Enter' button.

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

Modifying a User Account

Use the following procedure to modify a User Account.



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



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

Changing the Tools Mode Password

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



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

The screenshot shows the 'Auditron Administration Mode' screen with the title 'Please input an account number for Account Creation or Change.' Below the title is a purple header bar with the text 'Auditron: Create / Modify User Accounts' and three buttons: 'Undo', 'Access Rights', and 'Close'. The main area is titled 'Account Setup' and contains two columns. The left column is labeled 'Account Number (1-200)' and has a text field with the number '1'. Below this are four buttons: 'Next Open Account', 'Next Active Account', 'Previous Account', and 'From Keypad'. The right column is labeled 'Input the Password using the keypad on the Control Panel. Select Enter after the Password has been entered.' and contains an 'Input Password' button. Below this is a 'User Password' field displaying '11111' and an 'Enter' button. At the bottom left of the screen is an 'Enter' button.

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

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

Creating a Password for the Auditron Mode



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

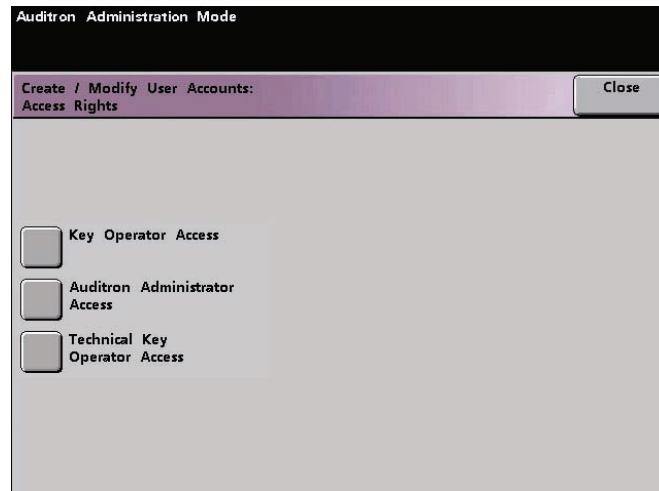
1. Touch the Create/Modify User Accounts button on the Auditron Administration screen. The Create/Modify User Accounts screen appears.

2. Touch the Next Open Account button. The number 2 is displayed in the Account Number field.

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

3. Touch the Input Password button. Use the Control Panel keypad to enter the unique five-digit password for this account. The password you enter is displayed in the User Password field.
4. Touch the Enter button to save your entry.

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

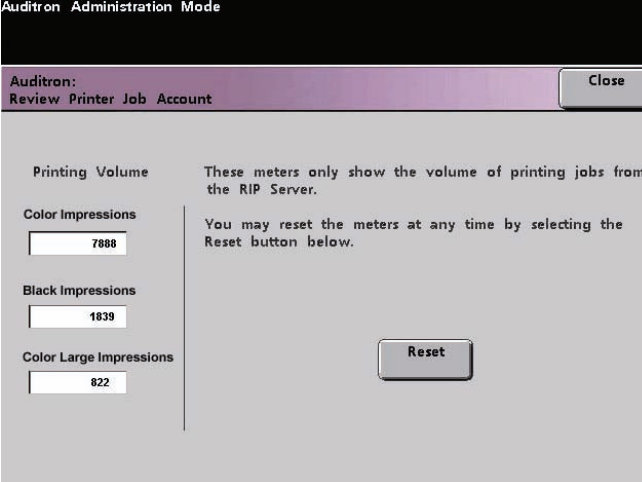


6. Touch the **Auditron Administrator Access** button.
7. Touch the **Close** button.
8. Touch the **Enter** button on the *Create/Modify User Accounts* screen.
9. Touch the **Close** button on the *Create/Modify User Accounts* screen.
10. Exit the Auditron Mode to activate the new password.

Review Printer Job Account

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

The meters show volumes for the following copy types:



Auditron Administration Mode

Auditron:
Review Printer Job Account

Close

Printing Volume

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.

Color Impressions
7888

Black Impressions
1839

Color Large Impressions
822

Reset

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

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



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

Charts

E Table Settings Chart: Type E1

Paper Type	E Table	Decurler Type	E Table Settings					
			Lower (10 mm)	Lower (6 mm)	Lower (2 mm)	Upper (10 mm)	Upper (6 mm)	Upper (2 mm)
<input type="checkbox"/> Single Paper Weight <input type="checkbox"/> Mixed Paper Weight	<input type="checkbox"/> Type E1	<input type="checkbox"/> Simplex: Straight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Type E2	<input type="checkbox"/> Simplex: In Reverse						
	<input type="checkbox"/> Type E3	<input type="checkbox"/> Duplex: Side 1 to Side 2	_____ mm	_____ mm	_____ mm	_____ mm	_____ mm	_____ mm
	<input type="checkbox"/> Type E4	<input type="checkbox"/> Duplex: Side 2 to Side 1						
	<input type="checkbox"/> Type E5	<input type="checkbox"/> Duplex Decurler						
	<input type="checkbox"/> Type E6							

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

E Table Settings Chart: Type E2

Paper Type	E Table	Decurler Type	E Table Settings					
			Lower (10 mm)	Lower (6 mm)	Lower (2 mm)	Upper (10 mm)	Upper (6 mm)	Upper (2 mm)
<input type="checkbox"/> Single Paper Weight <input type="checkbox"/> Mixed Paper Weight	<input type="checkbox"/> Type E1	<input type="checkbox"/> Simplex: Straight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Type E2	<input type="checkbox"/> Simplex: In Reverse						
	<input type="checkbox"/> Type E3	<input type="checkbox"/> Duplex: Side 1 to Side 2	_____ mm	_____ mm	_____ mm	_____ mm	_____ mm	_____ mm
	<input type="checkbox"/> Type E4	<input type="checkbox"/> Duplex: Side 2 to Side 1						
	<input type="checkbox"/> Type E5	<input type="checkbox"/> Duplex Decurler						
	<input type="checkbox"/> Type E6							

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

E Table Settings Chart: Type E3

Paper Type	E Table	Decurler Type	E Table Settings					
			Lower (10 mm)	Lower (6 mm)	Lower (2 mm)	Upper (10 mm)	Upper (6 mm)	Upper (2 mm)
<input type="checkbox"/> Single Paper Weight <input type="checkbox"/> Mixed Paper Weight	<input type="checkbox"/> Type E1	<input type="checkbox"/> Simplex: Straight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Type E2	<input type="checkbox"/> Simplex: In Reverse						
	<input type="checkbox"/> Type E3	<input type="checkbox"/> Duplex: Side 1 to Side 2	_____ mm	_____ mm	_____ mm	_____ mm	_____ mm	_____ mm
	<input type="checkbox"/> Type E4	<input type="checkbox"/> Duplex: Side 2 to Side 1						
	<input type="checkbox"/> Type E5	<input type="checkbox"/> Duplex Decurler						
	<input type="checkbox"/> Type E6							

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

E Table Settings Chart: Type E4

Paper Type	E Table	Decurler Type	E Table Settings					
			Lower (10 mm)	Lower (6 mm)	Lower (2 mm)	Upper (10 mm)	Upper (6 mm)	Upper (2 mm)
<input type="checkbox"/> Single Paper Weight <input type="checkbox"/> Mixed Paper Weight	<input type="checkbox"/> Type E1	<input type="checkbox"/> Simplex: Straight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Type E2	<input type="checkbox"/> Simplex: In Reverse						
	<input type="checkbox"/> Type E3	<input type="checkbox"/> Duplex: Side 1 to Side 2	_____ mm	_____ mm	_____ mm	_____ mm	_____ mm	_____ mm
	<input type="checkbox"/> Type E4	<input type="checkbox"/> Duplex: Side 2 to Side 1						
	<input type="checkbox"/> Type E5	<input type="checkbox"/> Duplex Decurler						
	<input type="checkbox"/> Type E6							

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

E Table Settings Chart: Type E5

Paper Type	E Table	Decurler Type	E Table Settings					
			Lower (10 mm)	Lower (6 mm)	Lower (2 mm)	Upper (10 mm)	Upper (6 mm)	Upper (2 mm)
<input type="checkbox"/> Single Paper Weight <input type="checkbox"/> Mixed Paper Weight	<input type="checkbox"/> Type E1	<input type="checkbox"/> Simplex: Straight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Type E2	<input type="checkbox"/> Simplex: In Reverse						
	<input type="checkbox"/> Type E3	<input type="checkbox"/> Duplex: Side 1 to Side 2	_____ mm	_____ mm	_____ mm	_____ mm	_____ mm	_____ mm
	<input type="checkbox"/> Type E4	<input type="checkbox"/> Duplex: Side 2 to Side 1						
	<input type="checkbox"/> Type E5	<input type="checkbox"/> Duplex Decurler						
	<input type="checkbox"/> Type E6							

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

E Table Settings Chart: Type E6

Paper Type	E Table	Decurler Type	E Table Settings					
			Lower (10 mm)	Lower (6 mm)	Lower (2 mm)	Upper (10 mm)	Upper (6 mm)	Upper (2 mm)
<input type="checkbox"/> Single Paper Weight <input type="checkbox"/> Mixed Paper Weight	<input type="checkbox"/> Type E1	<input type="checkbox"/> Simplex: Straight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Type E2	<input type="checkbox"/> Simplex: In Reverse						
	<input type="checkbox"/> Type E3	<input type="checkbox"/> Duplex: Side 1 to Side 2	_____ mm	_____ mm	_____ mm	_____ mm	_____ mm	_____ mm
	<input type="checkbox"/> Type E4	<input type="checkbox"/> Duplex: Side 2 to Side 1						
	<input type="checkbox"/> Type E5	<input type="checkbox"/> Duplex Decurler						
	<input type="checkbox"/> Type E6							

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

Custom Paper Setup Chart

Custom Profile 1							
Paper Tray #	Paper Type Switch	Custom Paper Adjustment					Alignment Adjustment
		Base Range of Paper Type	2nd BTB	Decurler Penetration Amount	Aligner NIP Pressure	Air Assist Operation Selection	Refer to Alignment Profile Number:
<input type="checkbox"/> 1	<input type="checkbox"/> Off <input type="checkbox"/> 60-80 g/m ² Uncoated <input type="checkbox"/> 81-105 g/m ² Uncoated <input type="checkbox"/> 106-135 g/m ² Uncoated	<input type="checkbox"/> 60-80 g/m ² Uncoated <input type="checkbox"/> 81-105 g/m ² Uncoated <input type="checkbox"/> 106-135 g/m ² Uncoated <input type="checkbox"/> 136-186 g/m ² Uncoated	<input type="checkbox"/> Side 1: (50-150%) <hr style="width: 50%; margin: 5px 0;"/>	<input type="checkbox"/> Auto <input type="checkbox"/> Type A <input type="checkbox"/> Type B <input type="checkbox"/> Type C	<input type="checkbox"/> (-30 to +30) <hr style="width: 50%; margin: 5px 0;"/>	<input type="checkbox"/> Auto <input type="checkbox"/> Do Not Operate <input type="checkbox"/> Operate	<input type="checkbox"/> Default <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> 13 <input type="checkbox"/> 14 <input type="checkbox"/> 15 <input type="checkbox"/> 16 <input type="checkbox"/> 17 <input type="checkbox"/> 18 <input type="checkbox"/> 19 <input type="checkbox"/> 20
<input type="checkbox"/> 2	<input type="checkbox"/> 136-186 g/m ² Uncoated <input type="checkbox"/> 187-220 g/m ² Uncoated <input type="checkbox"/> 221-300 g/m ² Uncoated <input type="checkbox"/> Transparency	<input type="checkbox"/> 187-220 g/m ² Uncoated <input type="checkbox"/> 221-300 g/m ² Uncoated <input type="checkbox"/> 60-80 g/m ² Coated <input type="checkbox"/> 81-105 g/m ² Coated	<hr style="width: 50%; margin: 5px 0;"/> <input type="checkbox"/> Side 2: (50-150%) <hr style="width: 50%; margin: 5px 0;"/>	<input type="checkbox"/> Type D <input type="checkbox"/> Type E1 <input type="checkbox"/> Type E2 <input type="checkbox"/> Type E3 <input type="checkbox"/> Type E4 <input type="checkbox"/> Type E5 <input type="checkbox"/> Type E6	<hr style="width: 50%; margin: 5px 0;"/> Pulse		
<input type="checkbox"/> 3	<input type="checkbox"/> 60-80 g/m ² Coated <input type="checkbox"/> 81-105 g/m ² Coated <input type="checkbox"/> 106-135 g/m ² Coated <input type="checkbox"/> 136-186 g/m ² Coated	<input type="checkbox"/> 106-135 g/m ² Coated <input type="checkbox"/> 136-186 g/m ² Coated <input type="checkbox"/> 187-220 g/m ² Coated <input type="checkbox"/> 221-300 g/m ² Coated	<hr style="width: 50%; margin: 5px 0;"/>				
<input type="checkbox"/> 4	<input type="checkbox"/> 187-220 g/m ² Coated <input type="checkbox"/> 221-300 g/m ² Coated						

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

Custom Paper Setup Chart

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

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

Custom Paper Setup Chart

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

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

Custom Paper Setup Chart

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

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

Alignment Adjustment Profile Chart

Alignment Profile 1					
<input type="checkbox"/> Lead Registration	<input type="checkbox"/> Side Registration	<input type="checkbox"/> Perpendicularity	<input type="checkbox"/> Side Skew	<input type="checkbox"/> FS Direction Image Magnification	<input type="checkbox"/> SS Direction Image Magnification
<input type="checkbox"/> Side 1: (-2.0 to +2.0) _____mm	<input type="checkbox"/> Side 1: (-2.0 to +2.0) _____mm	<input type="checkbox"/> Side 1: (-1.2 to +1.2) _____mm	<input type="checkbox"/> Side 1: (-2.0 to +2.0) _____mm	<input type="checkbox"/> Side 1: (-0.400 to +0.400) _____ %	<input type="checkbox"/> Side 1: (-0.400 to +0.400) _____ %
<input type="checkbox"/> Side 2: (-2.0 to +2.0) _____mm	<input type="checkbox"/> Side 2: (-2.0 to +2.0) _____mm	<input type="checkbox"/> Side 2: (-1.2 to +1.2) _____mm	<input type="checkbox"/> Side 2: (-2.0 to +2.0) _____mm	<input type="checkbox"/> Side 2: (-0.400 to +0.400) _____ %	<input type="checkbox"/> Side 2: (-0.400 to +0.400) _____ %

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

Alignment Adjustment Profile Chart

Alignment Profile 2					
<input type="checkbox"/> Lead Registration	<input type="checkbox"/> Side Registration	<input type="checkbox"/> Perpendicularity	<input type="checkbox"/> Side Skew	<input type="checkbox"/> FS Direction Image Magnification	<input type="checkbox"/> SS Direction Image Magnification
<input type="checkbox"/> Side 1: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 1: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 1: (-1.2 to +1.2) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 1: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 1: (-0.400 to +0.400) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> %	<input type="checkbox"/> Side 1: (-0.400 to +0.400) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> %
<input type="checkbox"/> Side 2: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 2: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 2: (-1.2 to +1.2) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 2: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 2: (-0.400 to +0.400) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> %	<input type="checkbox"/> Side 2: (-0.400 to +0.400) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> %

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

Alignment Adjustment Profile Chart

Alignment Profile _____					
<input type="checkbox"/> Lead Registration	<input type="checkbox"/> Side Registration	<input type="checkbox"/> Perpendicularity	<input type="checkbox"/> Side Skew	<input type="checkbox"/> FS Direction Image Magnification	<input type="checkbox"/> SS Direction Image Magnification
<input type="checkbox"/> Side 1: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100%;"></div> mm	<input type="checkbox"/> Side 1: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100%;"></div> mm	<input type="checkbox"/> Side 1: (-1.2 to +1.2) <div style="border-bottom: 1px solid black; width: 100%;"></div> mm	<input type="checkbox"/> Side 1: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100%;"></div> mm	<input type="checkbox"/> Side 1: (-0.400 to +0.400) <div style="border-bottom: 1px solid black; width: 100%;"></div> %	<input type="checkbox"/> Side 1: (-0.400 to +0.400) <div style="border-bottom: 1px solid black; width: 100%;"></div> %
<input type="checkbox"/> Side 2: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100%;"></div> mm	<input type="checkbox"/> Side 2: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100%;"></div> mm	<input type="checkbox"/> Side 2: (-1.2 to +1.2) <div style="border-bottom: 1px solid black; width: 100%;"></div> mm	<input type="checkbox"/> Side 2: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100%;"></div> mm	<input type="checkbox"/> Side 2: (-0.400 to +0.400) <div style="border-bottom: 1px solid black; width: 100%;"></div> %	<input type="checkbox"/> Side 2: (-0.400 to +0.400) <div style="border-bottom: 1px solid black; width: 100%;"></div> %

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

Alignment Adjustment Profile Chart

Alignment Profile _____					
<input type="checkbox"/> Lead Registration	<input type="checkbox"/> Side Registration	<input type="checkbox"/> Perpendicularity	<input type="checkbox"/> Side Skew	<input type="checkbox"/> FS Direction Image Magnification	<input type="checkbox"/> SS Direction Image Magnification
<input type="checkbox"/> Side 1: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 1: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 1: (-1.2 to +1.2) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 1: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 1: (-0.400 to +0.400) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> %	<input type="checkbox"/> Side 1: (-0.400 to +0.400) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> %
<input type="checkbox"/> Side 2: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 2: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 2: (-1.2 to +1.2) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 2: (-2.0 to +2.0) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> mm	<input type="checkbox"/> Side 2: (-0.400 to +0.400) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> %	<input type="checkbox"/> Side 2: (-0.400 to +0.400) <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div> %

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

