

R I M A G E[®]

Rimage Professional™ 3410 and 5410N User Guide



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The most recent version of this document can be found at www.rimage.com/support.

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Introduction

This manual provides the information needed to configure, operate, and maintain the Rimage Professional™ 3410 and 5410N systems. The terms ‘system’ and ‘autoloader’ may be used throughout this manual to refer to both the 3410 and the 5410N; any differences between the 3410 and 5410N are noted. The term ‘printer’ is used to refer to the integrated Everest 400 printer.

For technical information, refer to the *Rimage Professional 3410 and 5410N Specification* document found at www.rimage.com/support. From the **Support** page select: **Professional Series > Product Name > User Manuals** tab.

Important! Your Rimage Professional 3410 or 5410N system may not look exactly like the model featured in this user guide.


About this User Guide


- While we try to maintain all versions of our manuals and documentations, please note that the English version found on our web site always contains the most up-to-date information.
- Unless otherwise indicated, all Windows navigation statements are Windows 7 paths. Other Windows operating system navigation may differ slightly.
- These notes and symbols are used throughout the manual to help clarify information:

Tip: A Tip suggests alternative methods that may not be obvious and helps you understand the benefits and capabilities of the product.

Important!

- An Important note provides information essential to the completion of a task.
 - Important supplemental information.
 - You can disregard information in a Tip and still complete a task, but do not disregard an Important note.
-

 **Caution:** A Caution indicates that failure to observe this guideline could result in loss or damage to the equipment, product, software, or data.

 **Warning!** A Warning indicates that failure to follow this guideline could result in bodily injury to personnel operating or maintaining the equipment.

About the Professional 3410 and 5410N

The 3410 and 5410N are part of the Rimage Professional series of products. The 3410 system consists of the 3410 autoloader and an integrated Everest 400 printer. The 5410N systems consists of the 5410N autoloader, an integrated Everest 400 printer, and an embedded control center (PC). Information about the integrated Everest 400 printer is included in this user guide.

An external PC must be used with the non-embedded 3410 system. The external PC does not ship with a non-embedded system; you must provide a PC to be used as the external control center. Refer to the *Rimage Professional 3410 and 5410N Specification* document found at www.rimage.com/support for minimum PC requirements for the 3410.

The embedded PC in the 5410N is a network-ready device that receives orders from other networked computers. You can also operate the autoloader remotely by using Microsoft Remote Desktop Connection or Rimage WebRSM, or locally by attaching a monitor, keyboard, and mouse.

For information about setting up and submitting orders from a networked PC, refer to the *Rimage Advanced Setup (Networking) Guide* available at www.rimage.com/support.

Introduction

Accessory Kit

The Rimage Accessory Kit that shipped with your Professional 3410 or 5410N contains the following:

3410	5410N
<ul style="list-style-type: none">• <i>Rimage Professional 3410 Setup and Installation Guide</i>• User documentation disc containing:<ul style="list-style-type: none">▪ <i>Rimage Professional 3410 and 5410N User Guide</i> (this document)▪ <i>Advanced Setup (Networking) Guide</i>▪ <i>Diagnostic Test Instructions</i>• A/C cord• USB cord• Disc holder with Rimage Software Suite—Standalone or Rimage Software Suite—Network• <i>Rimage Product Warranty/Guarantee</i>• Sample CD	<ul style="list-style-type: none">• <i>Rimage Professional 5410N Setup and Installation Guide</i>• User documentation disc containing:<ul style="list-style-type: none">▪ <i>Rimage Professional 3410 and 5410N User Guide</i> (this document)▪ <i>Advanced Setup (Networking) Guide</i>▪ <i>Diagnostic Test Instructions</i>• A/C cord• DVI dongle• Disc holder with Rimage Software Suite—Standalone or Rimage Software Suite—Network• <i>Rimage Recovery Disc Instructions</i>• <i>Rimage Product Warranty/Guarantee</i>• Sample CD

Unpacking and Setup Instructions

To unpack your Professional 3410 or 5410N, refer to the unpacking label on the autoloader box. For setup instructions, refer to the *Setup and Installation Guide* that shipped with your product.

Important Information

This section provides support contact information, and cautions and warnings, for the Professional 3410 and 5410N.

Technical Specifications for this product can be found at www.rimage.com/support. From the Support page select: **Professional Series > Professional 3410 or Professional 5410N > User Manuals** tab.

Support Contact Information

US, Canada, Latin America	
Rimage Corporation 201 General Mills Blvd, Golden Valley, MN 55427 USA Attn: Rimage Services	Email: support@rimage.com Telephone: North America: 800-553-8312 Mexico/Latin America: 952-944-8144 Fax: 952-944-7808
Europe	
Rimage Europe GmbH Albert-Einstein-Str. 26 63128 Dietzenbach Germany	Email: support@rimage.de Telephone: +49 6074-8521-14 Fax: +49 6074-8521-100
Asia/Pacific	
Rimage Japan Co., Ltd. 2F., WIND Bldg. 7-4-8 Roppongi Minato-ku, Tokyo 106-0032 JAPAN	Email: apsupport@rimage.co.jp Telephone: +81-3-5771-7181 Fax: +81-3-5771-7185

Contact Rimage Services	
Website: www.rimage.com/support Knowledge Base: www.rimage.com/support Log in and select the Ask a Question tab	
When you contact Rimage Services, please provide: <ul style="list-style-type: none"> System serial number and software version Functional and technical description of the problem Exact error message received 	Copy this information from your Rimage product for future reference. Note: Make sure you update the Serial Number here anytime you receive a replacement system. Serial Number: Product Name: Date of Purchase:

Learn More Online

At www.rimage.com/support, you can experience Rimage's world-class Support and Services.

From the Support home page: <ol style="list-style-type: none"> Select your product series. Select your product. Learn more on the product page. 	From your product page you can access: <ul style="list-style-type: none"> Information about the latest software and firmware updates Product specifications The latest documents Current firmware and driver downloads
--	--

Technical Support

Rimage offers a variety of service and support options for the Professional 3410 and 5410N, including Next Business Day On-site Agreements, Exchange Services, and Software Subscriptions and Support. Please contact your Rimage Value Added Reseller or Rimage for additional information and pricing.

Important! Make sure you register your autoloader so you are eligible for parts and labor covered for 1 year and priority phone support. Registration is available at <http://www.rimage.com/support/warranty-registration>.

Optical Disc Recording Software Disclaimer

This Product, Software, or Documentation is designed to assist you in reproducing material in which you own the copyright or have obtained permission to copy from the copyright owner. Unless you own the copyright or have permission to copy from the copyright owner, you may be violating copyright law and be subject to payment of damages and other remedies. If you are uncertain about your rights, you should contact your legal advisor. If you are neither in possession of the copyright nor have authorization from the owner of the copyright, unauthorized copying of copyrighted material on an optical disc or any other media violates national and international legislation and can result in severe penalties.

Important Information

Safety and Compliance Information

This manual and the indications on the product allow proper and safe operation. The indication marks below help protect you and other persons from injury, and equipment from damage.

Safety Precautions

To ensure safety, read these precautions and familiarize yourself with their meaning before using the equipment.

Warnings!

- *The laser beam used by the CD/DVD/BD Recorder is a Class 1 laser. Do not attempt to open the recorder. An authorized technician should perform all service procedures.*
- *Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiant exposure.*
- *Never use any optical instrument in conjunction with this unit. To do so will greatly increase the hazard to your eyes.*
- *Do not disassemble or use tools on the printer. All service procedures should be performed by a Rimage-authorized technician, or sent in for Rimage-authorized repair.*
- *The interior of the printer contains sharp edges.*
- *Do not touch the heat roller.*
- *Do not touch the circuit boards. The circuit boards can be damaged by electrostatic discharge.*
- *Do not remove the back panel unless the autoloader has been powered off.*
- *Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*
- *This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.*
- *This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).*
- *Do not put hands near recorders during operation. Static discharge could result in rejected discs.*

Cautions:

- *For continued protection against risk of fire, replace the fuse only with the same type and rating. An authorized technician should perform all service procedures.*
- *Use only the supplied AC power cord, or use a safety agency approved power cord. For applications outside North America, refer to the nearest Rimage office for assistance in selecting a locally approved power cord.*
- *This product is designed for an office environment.*
- *The Professional 3410 and 5410N contain a lithium battery. There is a risk of explosion if the battery is replaced by an incorrect battery. Dispose of the old battery according to the manufacturer's instructions included with the battery packaging.*
- *All equipment with AC line voltage, or low DC voltages, such as switches, power supplies, fuses, fans, and non-stepper motors, must be replaced with Rimage-approved components to maintain the safety approval issued by UL.*
- *Allow sufficient free space for opening the printer tray. Do not touch the printer tray while it is in motion.*
- *If the side cover is opened while power is supplied, the printer will stop. Do not reach into the printer while it is in operation. Do not attempt to bypass the door interlock.*

Important Information

Country-specific Cautions and Warnings for Wideband Data Transmission Systems: 2400-2483.5 MHz

Warnings!

- This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'empêcher le fonctionnement.

- This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation de l'exposition maximale autorisée. Cependant, cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps (à l'exception des extrémités : mains, poignets, pieds et chevilles).

- Korea: 해당 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다
A급 기기 (업무용 방송통신기자재)
이 기기는 업무용 (A급) 전자파적합기기로서 판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정외의 지역에서 사용하는 것을 목적으로 합니다.

- Taiwan: Certified by the type of low-power radio, company, firm or user are not allowed to change the frequency, increase power or change the original design features and functions without proper authorization. Use of low-power radio electrical devices shall not affect flight safety or interfere with legitimate communications; equipment should be immediately disabled if interference is found, and it may not be used again until it is improved to be non-interference. Legitimate communication refers to operation in accordance with the provisions of the Telecommunications Act of Radio Communication. Low-power radio communications must be able to stand radio interference of electrical equipment of legitimate communications and industrial, scientific and medical radio radiation.
第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。
第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。
- China:
 - 使用频率: 2400~2483.5MHz
 - 等效全向辐射功率 (EIRP) <= 10mW
 - 频率容限: ±75kHz
 - 不得擅自更改发射频率、加大发射功率(包括额外加装射频频功率放大器)，不得擅自外接天线或改用其它发射天线；
 - 使用时不得对各种合法的无线电通信业务产生有害干扰；一旦发现有害干扰现象时，应立即停止使用，并采取措施消除干扰后方可继续使用；
 - 使用微功率无线电设备，必须忍受各种无线电业务的干扰或工业、科学及医疗应用设备的辐射干扰；
 - 不得在飞机和机场附近使用。

Cautions:

- France: Do not use outdoors.
- Italy: If used outside of own premises, general authorization is required.
- Norway: This subsection does not apply for the geographical area within a radius of 20km from the center of NY-Alesund.

Important Information

Compliance Information

Product	Professional 3410	Professional 5410N
Model	RAS27	RAS27E
Notice for USA	<p>NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when this 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 own expense.</p> <p>This product complies with UL 60950-1, 2nd edition.</p>	
Notice for Canada	<p>This Class A digital apparatus complies with Canadian ICES-003 Issue 4:2004. Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.</p> <p>This product complies with CAN/CSA-C22.2 No. 60950-1-07 2nd edition.</p>	
Notice for Europe	<p>This product is in conformity with the EMC Directive (89/336/EEC) and the Low-Voltage Directive (73/23/EEC) through compliance with the following European standards: EN 55022: 2006 + A1: 2007 Class A Limit; EN 55024: 1998+A1:2001+A2:2003; EN 61000-3-2:2006; EN 61000-3-3:1995 + A1:2001+A2:2005; EN 60950-1:2006 + A11:2009. The CE mark has been affixed in accordance with the CE Marking Directive 93/68/EEC.</p>	
Notice for Japan	<p>This is a Class A product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). If this equipment is used in a domestic environment, radio interference may occur, in which case, the user may be required to take corrective action.</p> <p>The bundled electrical power cable that is included is intended for use in our equipment only.</p> <ul style="list-style-type: none"> Always use the provided bundled power cable with our equipment. Do not use the bundled power cable with other equipment. 	<p>Translation:</p> <p>この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。本製品に付属の電源コードは専用の電源コードです。</p> <ul style="list-style-type: none"> 本製品には、付属の電源コードを必ずご利用下さい。 本製品に付属の電源コードを、他の機器に使用しないで下さい。
Notice for Australia	<p>This product complies with AS/NZS CISPR22:2004.</p>	
Notice for Korea	<p>It is certified that foregoing equipment has been certificated under the Framework Act on Telecommunications and Radio Waves Act.</p> <p>Translation:</p> <p>위 기기는 전기통신기본법, 전파법 에 따라 인증되었음을 증명 합니다.</p>	
Notice for Taiwan	<p>This is class A digital device. It may cause radio-frequency interference when used in a residential area. In this case, the users are advised to take appropriate precautions.</p> <p>Translation:</p> <p>這是甲類的資訊產品,在居住的環境中使用時,可能會造成射頻干擾,在這種情況下,使用者會被要求採取某些適當的對策。</p>	

Important Information

Compliance Information

設備名稱： 標籤印表機 ，型號（型式）：RAS26E,RAS27,RAS27E,RAS28 Equipment name Type designation (Type)						
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛Lead (Pb)	汞Mercury (Hg)	鎘Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr ⁺⁶)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
電路板 Circuit Board	○	○	○	○	○	○
外觀 Exterior	○	○	○	○	○	○
機制 Mechanism	○	○	○	○	○	○
<p>備考1. “超出0.1 wt %” 及 “超出0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值。 Note 1 : “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.</p> <p>備考2. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。 Note 2 : “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.</p> <p>備考3. “—” 係指該項限用物質為排除項目。 Note 3 : The “—” indicates that the restricted substance corresponds to the exemption.</p>						

Important Information

Printer Requirements

This section describes ribbon, label design, and print requirements for the integrated Everest 400 printer.

Ribbon Requirements

Important!

- Rimage only supports the use of Rimage brand ribbons in our printers. Printer issues that occur as a result of using ribbons from manufacturers other than Rimage are not included under your Rimage warranty or maintenance agreement.
- For optimum results, make sure that Everest ribbons are stored at a temperature between 41° and 95°F (5° to 35°C) and humidity level between 45% and 85%.
- Avoid moisture and direct sunlight.
- Do not reuse ribbons.
- Use only ribbons designed for your Everest 400 printer. Refer to the table below.

The integrated Everest 400 printer requires a print ribbon and a retransfer ribbon to print disc labels. The standard print ribbon has three colors: Cyan, Magenta, and Yellow (CMY). These three colors combine in printing to create full-color discs. Print ribbons are also available in black (monochrome) and Cyan, Magenta, Yellow and White (CMY+W).

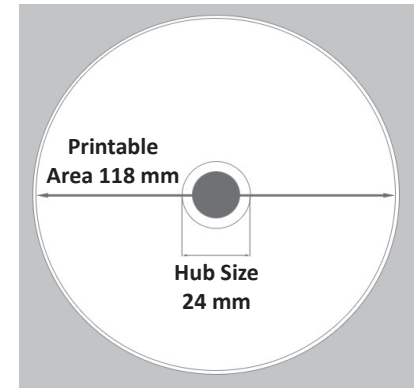
Everest 400 Ribbons

Ribbon Type	Number of Discs Printed
3-color (CMY)	500
4-color (CMY+W)	325
Black (monochrome)	1000
Retransfer ribbon	500

Label Design Requirements

The Rimage Windows-compatible CD Designer™ label editor software ships with each autoloader. CD Designer is installed on the embedded or non-embedded PC during a typical installation of the Rimage software and is used for designing labels for printing with the integrated Everest 400 printer. CD Designer can be used to design labels on any Windows-based PC.

- **File format** – For best results, save your labels as JPEG or TIFF files. These file formats must be imported into CD Designer and saved as CD Designer files (.btw) or converted to PDF files before printing.
- **Color mode** – Convert all labels to the RGB color format before importing them into CD Designer.
- **Resolution (pixels per inch)** – For best results, use images set to a minimum of 300 pixels per inch. You may notice better results if you use images with 600 pixels per inch or higher.
- **Label design size** – Design labels with a height of 12 cm and width of 12 cm. A full-size disc is 120 mm (4.723”) in diameter. The hole is 15 mm (0.59”) in diameter. The printable area and hub sizes vary depending on the disc manufacturer.



Tip: The media in Rimage Media Kits have a printable area of 118-24 mm (see above diagram). On most labels, print settings of 118 mm and 24 mm are recommended.

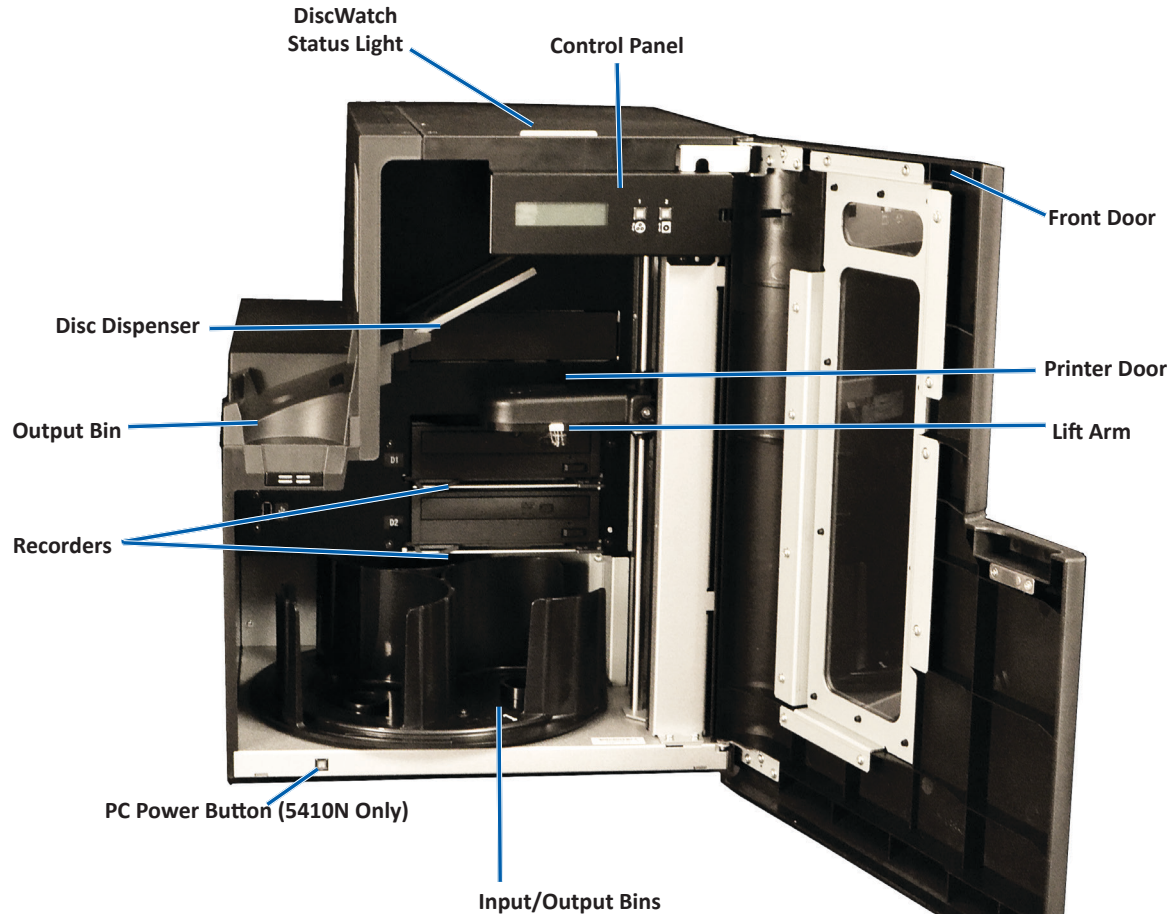
Print Requirements

Any label you create and save through CD Designer is in the correct file format (.btw) for printing to the integrated Everest 400 in the 3410 and 5410N system. You can also print labels saved as PDF files.

Identify the Parts of the Professional 3410 and 5410N

This section describes the hardware and features of the 3410 and 5410N systems.

Front View



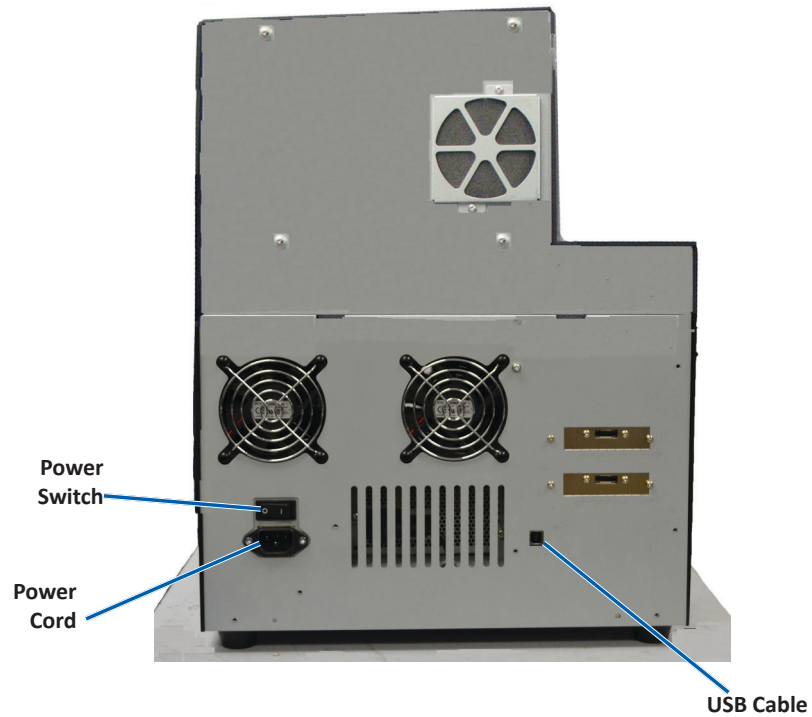
Optional External Output Bin



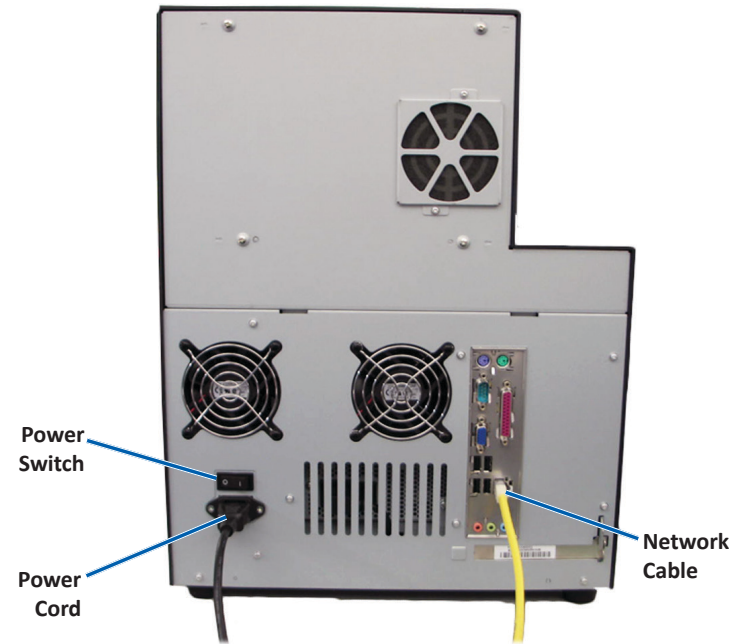
Identify the Parts of the Professional 3410 and 5410N

Back View

3410



5410N








Identify the Parts of the Professional 3410 and 5410N

Parts Information

Status Light

The Professional 3410 and 5410N is equipped with a built-in status light that indicates various conditions. The table below illustrates status light states and explains the conditions indicated by each state.

Light State	System Condition
	Green light on The system is operating properly. No jobs are currently processing.
	Green light blinking The system is operating properly. Jobs are currently processing.
	Yellow light on The autoloader is waiting for the software to start. If the control center is not started, power on the control center. Check the cable connections on the autoloader and control center.
	Yellow light blinking The front door may be open. Close the front door to allow jobs to process.
	Red light on The carousel is out of blank discs. Fill the bins with the appropriate media type. A system error requires operator intervention. Check the client workstation or control center for a message. An equipment error occurred at initial start up, such as a missing carousel. Check the client workstation or control center for a message.

Control Panel





The control panel is located on the front of the 3410 and 5410N. It includes the **operator panel**, the **rotate carousel button (button 1)**, and the **printer tray button (button 2)**. The control panel allows you to monitor and control the system.

Important! You must open the front door of the autoloader to access the control panel. You can view the display without opening the door.

The table below identifies the name and function of all parts of the control panel.

Control Panel Indicators

Name	Function
Operator panel	The operator panel has a two-line display that informs you of operations or conditions that require operator intervention. This includes the consumable status. The 5400N displays the name of the embedded PC after initialization. Refer to the <i>Operate Gemini Utilities</i> section on page 30 to see other options.
Rotate carousel button (button 1) 	Press the rotate carousel button to <ul style="list-style-type: none"> Rotate the carousel and position a bin to load and unload discs. Each time you press the rotate carousel button, the carousel rotates to the next bin. Enter diagnostic test mode. Refer to the <i>Diagnostic Test Instructions</i> on the documentation disc that shipped with your system.
Printer tray button (button 2) 	Press the printer tray button to: <ul style="list-style-type: none"> Open and close the printer tray Reset after an error
Printer indicator light (on the printer tray button)	The printer indicator light illuminates when the printer is powered on and has completed initialization. The printer indicator light flashes when the Everest 400 printer is receiving data from the host.
Rotate carousel indicator light (on the rotate carousel button)	The rotate carousel indicator light illuminates when you rotate the carousel. The rotate carousel indicator light flashes when the autoloader is receiving data from the host.

Identify the Parts of the Professional 3410 and 5410N

PC Power Button

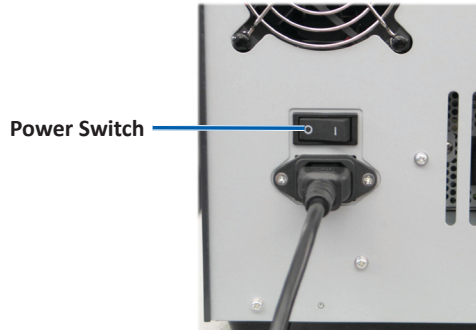
Only the 5410N has the PC power button. The PC power button powers on the embedded computer. Refer to the *Operate the Professional 3410 and 5410N* section on page 12 for more information.

Operate the Professional 3410 and 5410N System

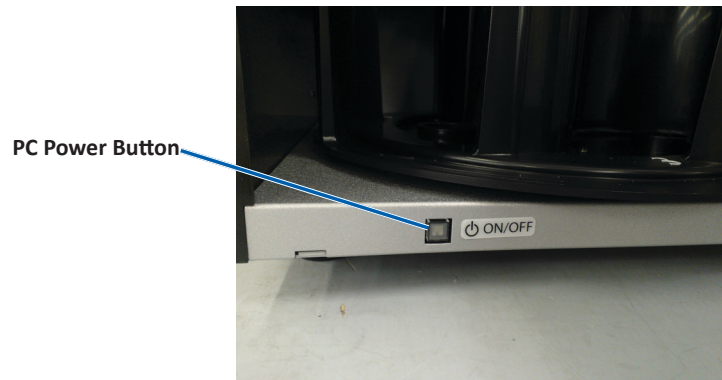
This section provides the information needed to operate your system.

Power On the System

1. Press the **power switch** on the rear of the autoloader. The system powers on, including the integrated printer.
If you have an 5410N, continue with step 2.



2. On the front of the 5410N, press the **PC power button** to power on the embedded PC.



Power Off the System

1. Close all open **applications**.
2. If you have a 5410N, press and release the **PC power button**. This shuts down the software, Windows, and the embedded PC.
If you have a 3410, continue with **step 3**.

⚠ Caution: Do **not** press and hold the PC power button. If you press and hold the PC power button, the embedded PC will not shut down properly. This may cause data loss or corruption.

3. Press the main **power switch** on the back of the system to power off the system, including the integrated printer.

Important!

- Do not press the power switch until the embedded PC is completely powered off.
 - It takes approximately 30 seconds for the system to power off.
 - If the printer is idle for more than 30 minutes, it enters sleep mode. When this occurs, the printer will take up to 6 minutes to warm up after a job is sent.
-

Operate the Professional 3410 and 5410N System

Pause the System

You can pause the system to add discs to the carousel.

1. Open the **front door**. The operation pauses.
2. Close the **front door**. The operation resumes.

Load the Discs

You can load up to 50 discs in each input bin. Use the procedure below to load discs in each bin.

Important! Place the discs with the recording side facing down.

Tip: Through the Rimage software, you may designate bins 1 through 3 as input, output, reject/output, and specify a media type for each bin .

1. Open the **front door**.
2. Press the **rotate carousel button** to rotate the carousel to the desired bin. You may have to press the button more than once to reach the desired bin.
3. Add desired **discs**.
4. Repeat **steps 2 - 3** until the required bins are filled.
5. Close the **front door**.

Unload the Discs

1. Open the **front door**.
2. Press the **rotate carousel button** to rotate the carousel and place a bin in position to remove discs.
3. Remove the **discs** from the bin.
4. Repeat **steps 2 - 3** until the required bins are empty.
5. Close the **front door**.

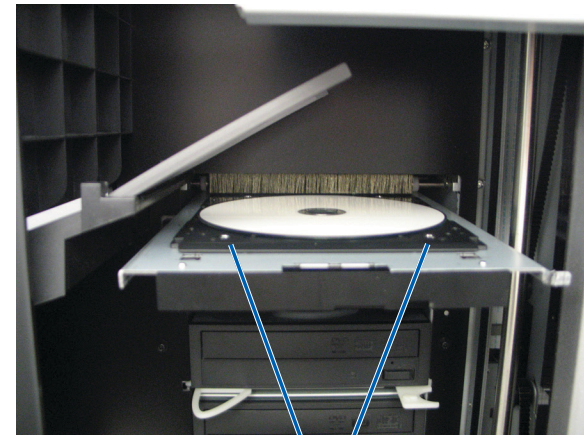
Place a Disc on the Printer Tray

Use this procedure to manually place a disc on the printer tray.

1. Press the **printer tray button** on the control panel. The printer tray opens.
2. Place the disc on the **print pad** with the printable surface facing up and the stacking ring facing the print pad.

Important! To avoid scratching or damaging the recording surface of the disc, the disc must not rest on the clamping pins or the centering pin.

3. Press the **printer tray button**. The printer tray closes.



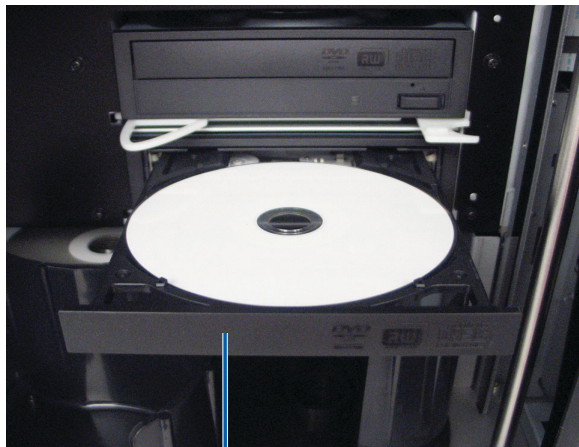
Clamping Pins

Operate the Professional 3410 and 5410N System

Place a Disc on the Recorder Tray

Use this procedure to manually place a disc on the recorder tray.

1. Press the **recorder button** on the recorder you wish to open. The recorder tray opens.
2. Place the disc on the **recorder tray** with the printable surface facing up.
3. Press the **recorder button**. The recorder tray closes.



Recorder Tray

Set Your Printing Preferences on a Windows PC

This section provides the information needed to set up your printing preferences and check the amount of print and retransfer ribbon remaining using a Windows PC. Printing preferences allow you to set up the integrated Everest 400 printer to produce the best possible labels on your discs.

Important! Unless otherwise indicated, all Windows navigation statements are Windows 7 paths. Other Windows operating system navigation may differ slightly.

Access Printing Preferences

Use one of the procedures below to access the *Everest 400 Printing Preferences* window.

Access Printing Preferences through the Windows Start Menu

When you use this method, the printing preferences are saved in the printer driver settings and are applied to all newly created labels. These become your default printer settings.

1. Select: **Start > Devices and Printers.**

Tip: In Windows XP, select **Start > Printers and Faxes.** Navigational statements for Windows Server 2008 R2 will be the same as Windows 7.

2. Right-click the **Rimage Everest 400 printer.** The dropdown menu displays.
3. From the dropdown menu, select **Printing Preferences.** The *Rimage Everest 400 Printing Preferences* dialog box opens.

Access Printer Preferences through CD Designer Software

When you use this method, the printing preferences are saved with the label file and are used instead of the printer driver settings for this label.

1. Open the desired **label file** in CD Designer.
2. From the **File** menu, select **Print.** The *Print* window opens.
3. From the **Name** dropdown list, select the **Rimage Everest 400 printer.**

Tip: The Rimage Everest 400 printer may display as the default printer.

4. Select the **Document Properties** button. The *Rimage Everest 400 Properties* dialog box opens.

Access Printer Preferences for Printing PDF Files

Use the procedure below to access and set printing preferences for PDF files.

Important! When you use this procedure, the changes to the settings are global and apply to all PDF labels.

1. Select: **Start > Devices and Printers.**

Tip: In Windows XP, select **Start > Printers and Faxes.** Navigational statements for Windows Server 2008 R2 will be the same as Windows 7.

2. Right-click on the **Everest 400 printer.** The dropdown menu displays.
3. From the dropdown menu, select **Printer Properties.** The *Rimage Everest 400 Properties* dialog box opens.

Tip: In Windows XP, select **Properties** from the dropdown menu.

4. From the *Rimage Everest 400 Properties* dialog box, select the **Advanced** tab.
5. At the bottom of the **Advanced** tab, select **Printing Defaults...** The *Rimage Everest 400 Printing Defaults* dialog box opens.

Set Your Printing Preferences on a Windows PC

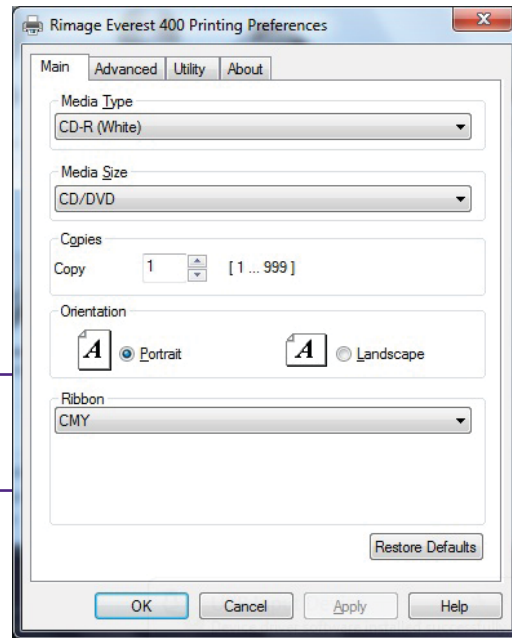
Set the Media Type, Media Size, Orientation and Ribbon Type

1. [Access printing preferences](#). Refer to page 16 for instructions.
2. Select the **Main** tab.
3. View or change the **printing preferences**.

- a. Select the appropriate **Media Type**.
- b. Select the appropriate **Media Size**.
- c. Select the desired number of **Copies**.

Important! The number of copies should always be set to 1.

- d. Select the desired **Orientation**.
- e. Select the appropriate type of **Ribbon**.
 - i. If you select **Monochrome** for the ribbon type, select **Grayscale** or **Text**.
 - ii. If you select **CMY+W** for the ribbon type, select **Complete white undercoat** or **Make pure white transparent** from the dropdown list.
 - Select **Complete white undercoat** to apply a white background to the entire printable area of the disc. The printable area is defined on the **Advanced** tab.
 - Select **Make pure white transparent** to print only the areas of the label that are not pure white. Pure white label areas print as transparent areas on the disc surface.



4. When you have made the desired choices in the *Rimage Everest 400 Printing Preferences* window, select **Apply**.
5. Select **OK** to close the *Rimage Everest 400 Printing Preferences* window.

Set the Print Quality, Color Matching and Image Adjustments

Tip: Refer to the [Troubleshooting Color](#) document for more information.

1. [Access printing preferences](#). Refer to page 16 for instructions.
2. Select the **Advanced** tab.
3. View or change the **printing preferences**.

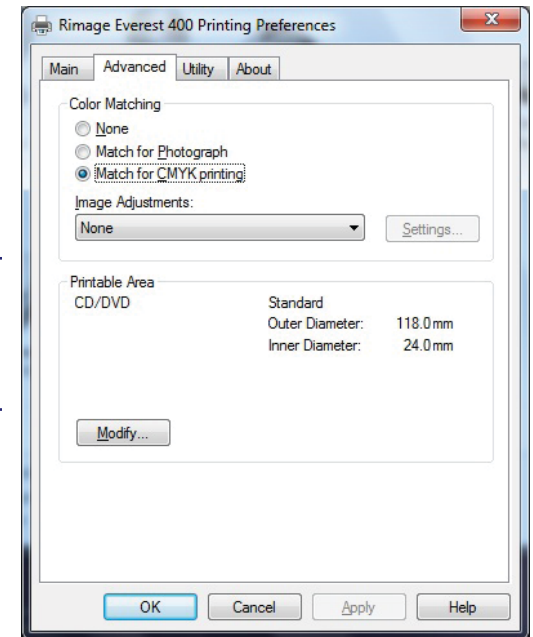
- a. Select the desired criteria for **Color Matching**.

Tip: The default setting for color matching is Match for CMYK printing.

- b. From the **Image Adjustments** dropdown list, select **None**, **High contrast**, **Vivid colors**, or **Custom**.

If you select **Custom**, the **Settings** button becomes active:

- i. Select the **Settings** button. The *Custom Settings* window opens.
 - ii. Select the desired **Print Threshold Settings**.
 - iii. Move the **Contrast Boost** slider to adjust the image contrast.
 - iv. Move the **Saturation Boost** slider to adjust the image saturation.
 - v. Select **OK** to close the *Custom Settings* window.
4. When you have made the desired choices in the *Rimage Everest 400 Printing Preferences* window, select **Apply**.
 5. Select **OK** to close the *Rimage Everest 400 Printing Preferences* window.



Set Your Printing Preferences on a Windows PC

Set the Printable Area

This functionality allows you to adjust the printable area settings for standard CD/DVD/BD 120 mm media, which sets the outer and inner diameters to print the disc label without overlapping the disc edges.

Tip: Printable area settings created within a CD Designer label file will override the printer and fax settings on Windows.

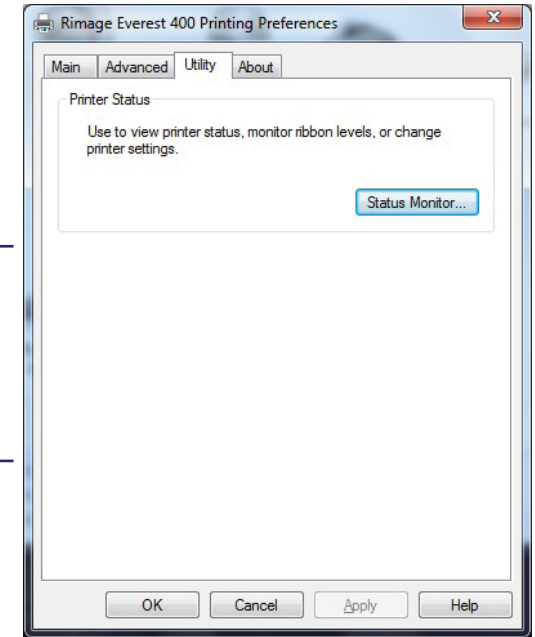
1. *Access printing preferences.* Refer to page 16 for instructions.
2. Select the **Advanced** tab.
3. View or change the **Printable Area preferences.**
 - a. Select the **Modify** button. The *Printable Area Settings* window opens.
 - b. Select the **Unit** of measurement.
 - i. For 1.0 mm, select the **1.0 mm** radio button.
 - ii. For 0.1 mm, select the **0.1 mm** radio button.
 - c. To modify only *Standard Area* settings, select the **Standard** radio button.
 - i. Enter the desired **Outer Diameter**.
 - ii. Enter the desired **Inner Diameter**.
 - d. To print on a disc with a stacking ring, select the **Advanced** radio button. The *Hub Area* settings display.
 - i. Enter the desired **Outer Diameter** for the hub.
 - ii. Enter the desired **Inner Diameter** for the hub.
 - e. Select **OK** to save the changes. The *Printable Area Settings* window closes.
4. When you have made the desired choices in the *Rimage Everest 400 Printing Preferences* window, select **Apply**.
5. Select **OK** to close the *Rimage Everest 400 Printing Preferences* window.

Adjust the Print Alignment and Color Density

1. *Access printing preferences.* Refer to page 16 for instructions.
2. Select the **Utility** tab.
3. Select the **Status Monitor...** button. The *Rimage Everest 400 Status Monitor* window opens with the **Status** tab active.

Tip: On the **Status** tab, you can view the progress of a print job, the type of print ribbon installed, and the estimated number prints remaining.

4. Select the **Printer Information** tab to view or change the Print Alignment and Color Density settings, or view the Everest 400 Printer Status.



Tip: The **Printer Information** tab also displays the current firmware version and serial number of your Everest 400 printer.

Set Your Printing Preferences on a Windows PC

- a. View or change the **Print Alignment Settings**.
 - i. From the *Print Alignment Settings* pane, select the **Modify** button. The *Print Alignment Settings* dialog opens.
 - ii. Select the desired **Color/Monochrome** setting to modify the horizontal alignment for all ribbon types.
 - iii. Select the desired **Color** setting to modify the vertical alignment for prints with a CMY ribbon.
 - iv. Select the desired **Monochrome** setting to modify the vertical alignment for prints with a monochrome ribbon.
 - v. Select **OK** to save the changes. The *Print Alignment Settings* window closes.
 - b. View or change the **Color Density Settings**.
 - i. From the *Color Density Settings* pane, select the **Modify** button. The *Color Density Settings* dialog opens.
 - ii. Select the desired **Cyan, Magenta** and **Yellow** settings to modify the color density.
 - iii. Select the desired **Black** setting to modify the density for monochrome images.
 - iv. Select **OK** to save your changes. The *Color Density Settings* window closes.
5. Select **Close** to close the *Status Monitor* dialog box.
 6. Select **OK** to close the *Rimage Everest 400 Printing Preferences* window.

Check the Ribbon Remaining

The operator panel on the front of the 3410 and 5410N displays the estimated number of prints remaining on the print ribbon and the retransfer ribbon.

Change the Print and Retransfer Ribbons

This section provides the information needed to change the print and retransfer ribbons in the integrated Everest 400 printer. Change a 3-color (CMY) print ribbon after 500 discs, a 4-color (CMY+W) print ribbon after 325 discs, a back (monochrome) print ribbon after 1000 discs, and the retransfer ribbon after 500 discs.

Tip: For more detailed instructions on replacing the print and retransfer ribbons, refer to our YouTube channel at www.youtube.com/user/RimageCorp for instructional videos.

Change the Print Ribbon

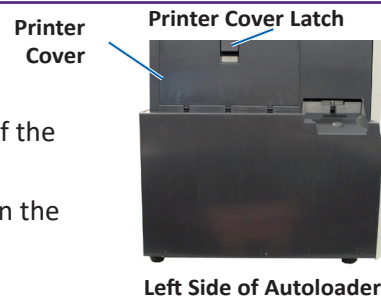
Before you change or first install a new Everest print ribbon, allow time for the new ribbon to become acclimated to the environment. Allow more time for greater temperature and humidity differences.

Important!

- Rimage supports only the use of Rimage brand ribbons in our printers. Printer issues that occur as a result of using ribbons from manufacturers other than Rimage are not included under your Rimage warranty or maintenance agreement.
- For optimum results, make sure that Everest ribbons are stored at a temperature between 41° and 95°F (5° to 35°C) and humidity level between 45% and 85%.
- Avoid moisture and direct sunlight.
- Do not reuse ribbons.
- Use only ribbons designed for your model of Everest 400 printer.
- The ribbon carriers cannot be removed from the printer unless the system is powered on.

Remove the Print Ribbon

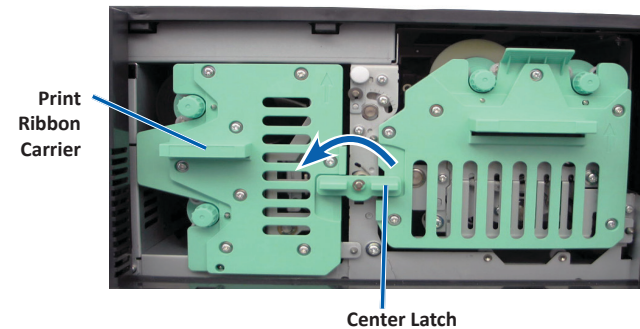
1. Open the **side cover** on the left side of the autoloader.
 - a. Lift the **printer cover latch** to open the printer cover.
 - b. Lower the **printer cover**.



2. Access the **print ribbon**.
 - a. Turn the **center latch** counterclockwise to unlock it.
 - b. Pull the **print ribbon carrier** all the way out of the printer.

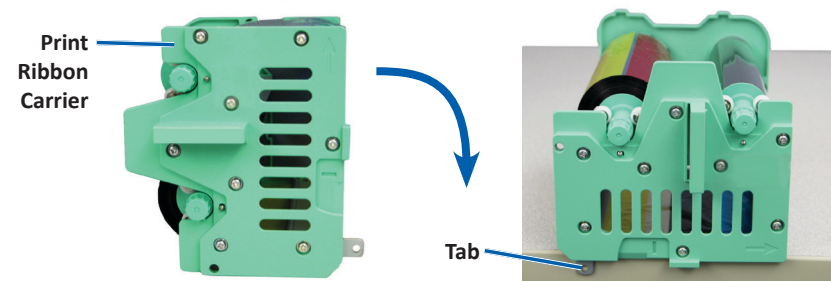
Important! The ribbon carriers cannot be removed from the printer unless the system is powered on.

Tip: Perform cleaning procedures while the print ribbon is removed. For more information refer to the *Clean the Everest 400 Printer* section on page 26 or refer to our YouTube channel at www.youtube.com/user/RimageCorp for instructional videos.



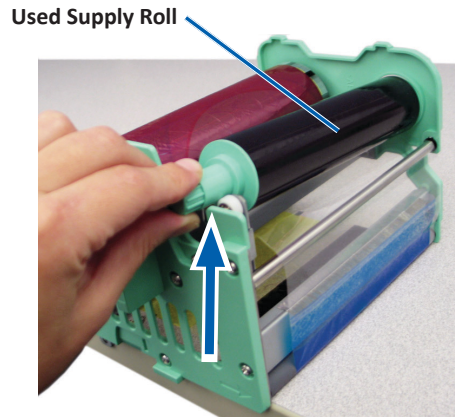
- c. Lay the **print ribbon carrier** on its back. Place the carrier on a flat surface.

Tip: To keep the print ribbon carrier in place while you remove the print ribbon, position the carrier so that the tab rests on the edge of a table or workspace.

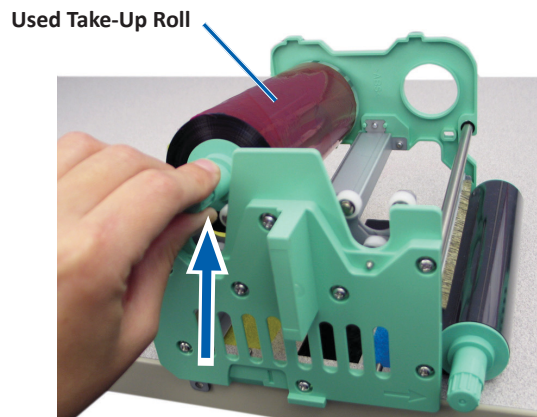


Change the Print and Retransfer Ribbons

3. Remove the used **print ribbon** from the carrier.
 - a. Lift up on the **supply roll** to remove it from the right side of the carrier
 - b. Set the **supply roll** aside.



- c. Lift up on the **take-up roll** to remove it from the left side of the carrier.
 - d. Set the **take-up roll** aside.
 - e. Lift the **print ribbon carrier** off of the print ribbon and set it aside.
 - f. Discard the **used print ribbon**.



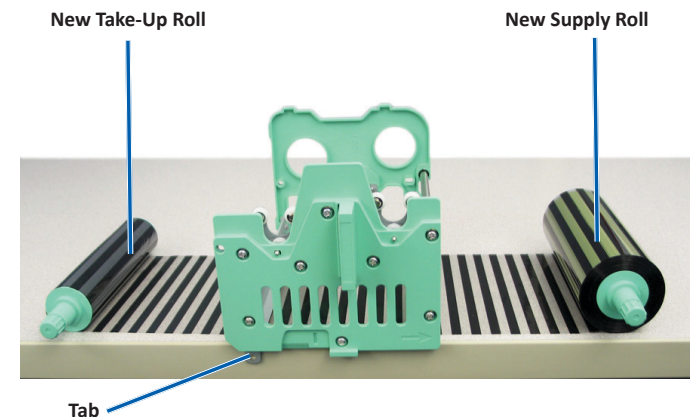
Install the Print Ribbon

1. Remove the new **print ribbon** from the packaging.
2. Install the **print ribbon** on the print ribbon carrier.

Important! When you install the new print ribbon on the carrier, do not rotate the ribbon past the black cleaning bars. When the new ribbon is installed in the integrated Everest 400 printer, the ribbon advances and the bars clean the print head.

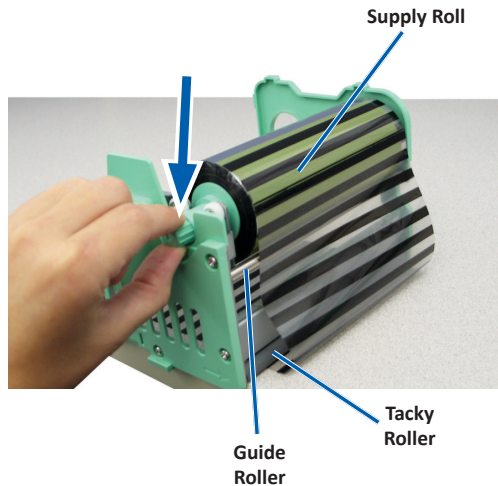
- a. With the supply roll on the right side, unwind several inches of the **new print ribbon**.
- b. Place the **print ribbon** on a clean, flat surface.
- c. Place the **print ribbon carrier** on top of the print ribbon.

Tip: To keep the print ribbon carrier in place while you install the print ribbon, position the carrier so that the tab rests on the edge of a table or workspace.

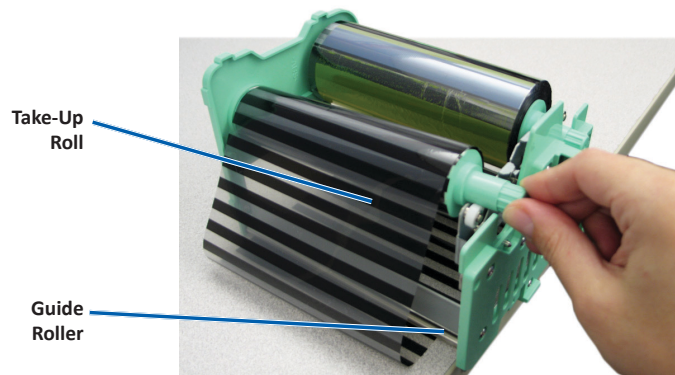


Change the Print and Retransfer Ribbons

- d. Bring the **supply roll** up and around the tacky roller and guide rollers on the right side of the carrier.
- e. Press down to install the **supply roll**, as shown.



- f. Bring the **take-up roll** up and around the guide roller on the left side of the carrier.
- g. Press down to install the **take-up roll**, as shown.

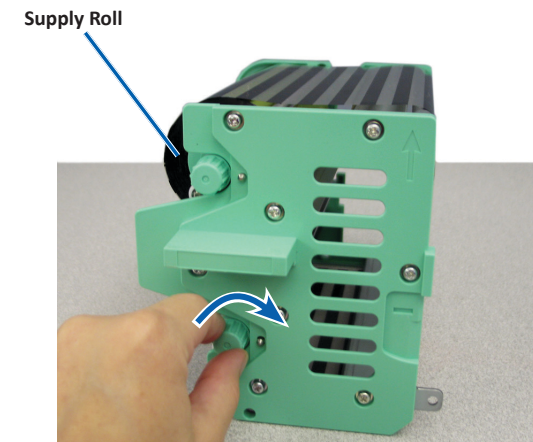


- h. Set the **print ribbon carrier** upright. The supply role should be at the top of the carrier.

- i. Rotate the **take-up roll** clockwise to tighten the ribbon. Make sure that the ribbon is aligned and lies flat on the carrier.

Tips:

- You may need to lift the ribbon up from the tacky roller to straighten it.
- Do not rotate the ribbon past the black cleaning bars at the front of the ribbon.
- If you installed a black (monochrome) ribbon, advance the ribbon so the ink portion of the ribbon is advanced to the take-up roll.



3. Reassemble the **printer**.
 - a. Slide the **print ribbon carrier** into the printer.
 - b. Turn the **center latch** clockwise to lock it.
 - c. Close the **printer cover**.

Tip: Ribbon color can vary from lot to lot. After you load the new ribbon, you may need to adjust the density settings in the printer driver. Refer to the *Adjust the Print Alignment and Color Density* section on page 17 for more information.

The printer is ready for use.

Change the Print and Retransfer Ribbons

Change the Retransfer Ribbon

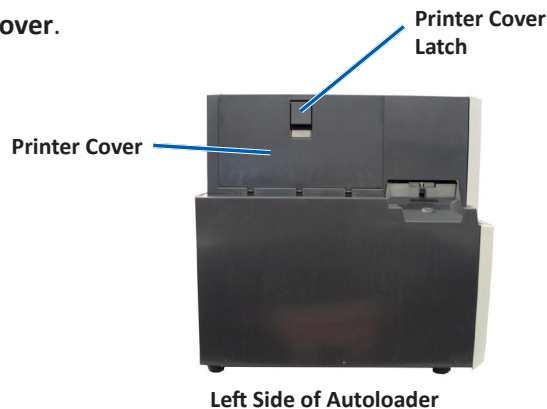
Before you change or first install the Everest retransfer ribbon, allow time for the new ribbon to become acclimated to the environment. Allow more time for greater temperature and humidity differences.

Important!

- Rimage supports only the use of Rimage brand ribbons in our printers. Printer issues that occur as a result of using ribbons by manufacturers other than Rimage are not included under your Rimage warranty or maintenance agreement.
- For optimum results, make sure that Everest ribbons are stored at a temperature between 41° and 95°F (5° to 35°C) and humidity level between 45% and 85%.
- Avoid moisture and direct sunlight.
- Do not reuse ribbons.
- Make sure you only use ribbons designed for your model of Everest 400 printer.
- The ribbon carriers cannot be removed from the printer unless the system is powered on.

Remove the Retransfer Ribbon

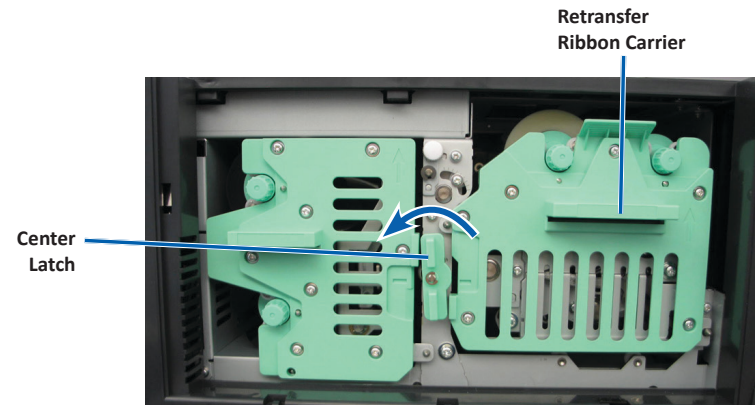
1. Open the **printer cover**.
 - a. Lift the **cover latch** to release the cover.
 - b. Lower the **printer cover**.



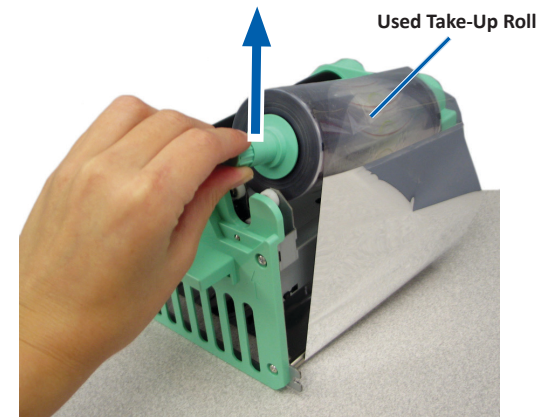
- c. Turn the **center latch** counterclockwise to unlock it.
- d. Pull the **retransfer ribbon carrier** all the way out of the printer.

Important! The ribbon carriers cannot be removed from the printer unless the system is powered on.

- e. Lay the **retransfer ribbon carrier** on a flat surface.

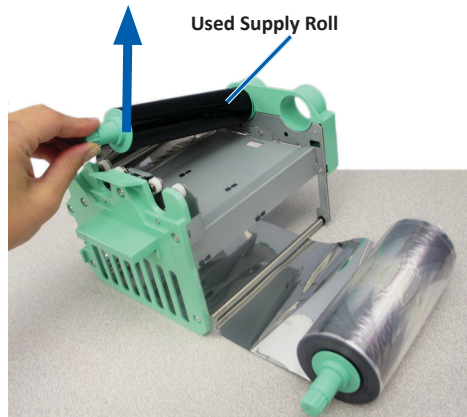


2. Remove the used **retransfer ribbon**.
 - a. Lift up on the **take-up roll** to remove it from the right side of the carrier.
 - b. Set the **take-up roll** aside.

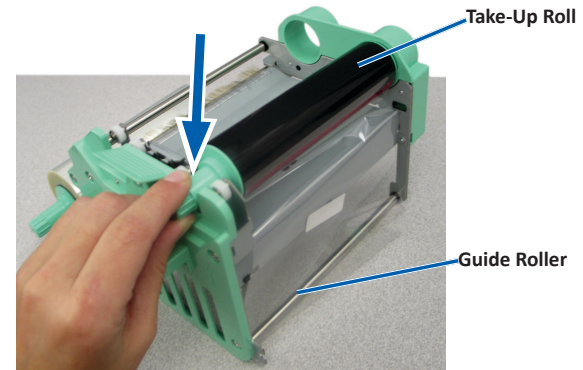


Change the Print and Retransfer Ribbons

- c. Lift up on the **supply roll** to remove it from the left side of the carrier.
- d. Set the **supply roll** aside.
- e. Lift the **retransfer ribbon carrier** off of the used retransfer ribbon and set it aside.
- f. Discard the used **retransfer ribbon**.



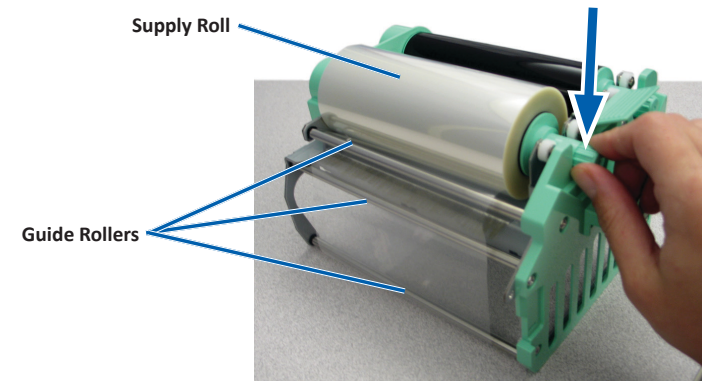
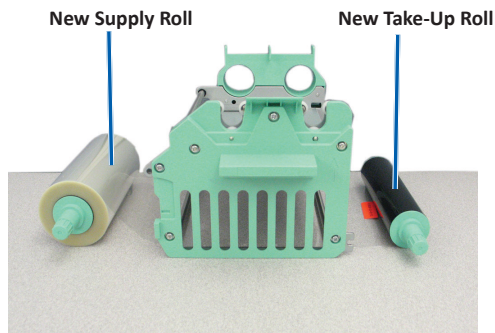
3. Install the **retransfer ribbon**.
 - a. Bring the **take-up roll** up and around the guide roller on the right side of the carrier.
 - b. Press down to install the **take-up roll**, as shown.



- c. Bring the **supply roll** up and around the guide rollers on the left side of the carrier.
- d. Press down to install the **supply roll**, as shown.

Install the Retransfer Ribbon

1. Remove the new **retransfer ribbon** from the packaging.
2. Position the **retransfer ribbon** on the retransfer ribbon carrier.
 - a. With the supply roll on the left side, unwind several inches of the **retransfer ribbon**.
 - b. Place the **retransfer ribbon** on a clean, flat surface.
 - c. Place the **retransfer ribbon carrier** on top of the retransfer ribbon.

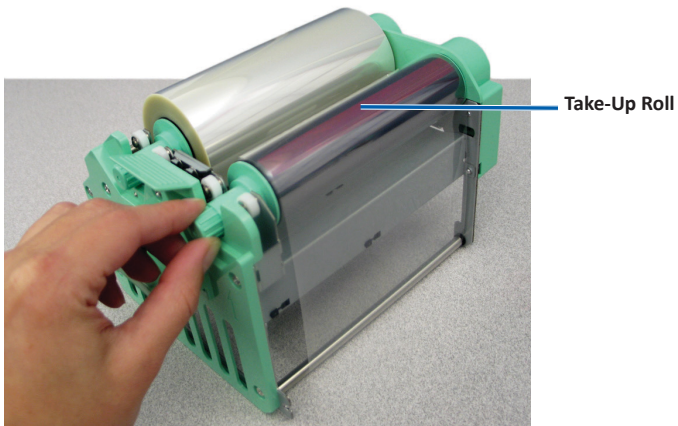


Tip: Make sure that the retransfer ribbon winds underneath the supply roll.

Change the Print and Retransfer Ribbons

4. Rotate the **take-up roll** counterclockwise to tighten the retransfer ribbon.
5. Reassemble the **printer**.
 - a. Slide the **retransfer ribbon carrier** into the printer.
 - b. Turn the **center latch** clockwise to lock it.
 - c. Close the **printer cover**.

The printer is ready for use.



Maintain the 3410 and 5410N

This section provides maintenance information for the 3410 and 5410N systems, including the integrated Everest 400 printer.

Important! For optimum performance, keep the 3410 and 5410N in a clean, dust-free environment.

Overview

Regular preventative maintenance of your system can help to ensure error-free recordings and clean printed labels. Maintenance involves cleaning the system.

For information on autoloader and printer maintenance, refer to the *Rimage Professional 3410 and 5410N User Guide* that was included with your autoloader.

Cautionary Information

⚠ Caution: To avoid damaging the 3410 or 5410N during maintenance:

- Never use oils, silicone, or other lubricants on any part of the system.
- Use only non-abrasive cleaners to wipe down the surfaces of your system.
- Use only a damp cotton cloth to wipe off the touch screen.
- Never use cleaners to clean the embedded PC.
- Avoid pouring cleaners directly onto the autoloader. Instead, apply the cleaner on a clean, lint-free cloth.

Preventative Maintenance Schedule

Task	Tools	Frequency
Autoloader Maintenance		
Wipe down the lift arm shaft and pay close attention to: <ul style="list-style-type: none"> • The area around the base of the shaft • The area just above the lift arm 	Lint-free cloth	Weekly

Task	Tools	Frequency
Autoloader Maintenance		
Wipe down all surfaces of the autoloader, including: <ul style="list-style-type: none"> • Sides and top • Door • Output bin • Carousel • Top surface on the lift arm 	<ul style="list-style-type: none"> • Lint-free cloth • Non-abrasive, all-purpose cleaner 	Weekly
Remove dust and debris from the fan at the back of the autoloader.	Can of compressed air	Monthly
Remove dust and debris from the openings at the back of the autoloader.	Vacuum	Monthly
Remove dust and debris from the front and inside of the autoloader.	Can of compressed air	Monthly
Integrated Everest 400 Printer Maintenance		
Clean the print head. Refer to the Clean the Print Head section on page 26.	<ul style="list-style-type: none"> • Sponge swabs with long handles (included in the Everest cleaning kit) • 99% Isopropyl alcohol 	After 2000 discs (as needed) or at every ribbon change
Clean the tacky rollers. Refer to the Clean the Tacky Rollers section on page 27.	<ul style="list-style-type: none"> • Sponge swabs with long handles (included in the Everest cleaning kit) • 99% Isopropyl alcohol 	After 2000 discs or at every ribbon change
Clean the sensors. Refer to the Clean the Sensors section on page 28.	<ul style="list-style-type: none"> • Sponge swabs with long handles (included in the Everest cleaning kit) • 99% Isopropyl alcohol 	Refer to the Clean the Sensors section on page 28.

Maintain the 3410 and 5410N

Clean the Everest 400 Printer

Regular cleaning helps to keep the integrated Everest 400 printer in optimal operating condition.

Clean the Print Head

✂ Tools required:

- Sponge swabs with long handles (included in the Everest cleaning kit)
- 99% Isopropyl alcohol

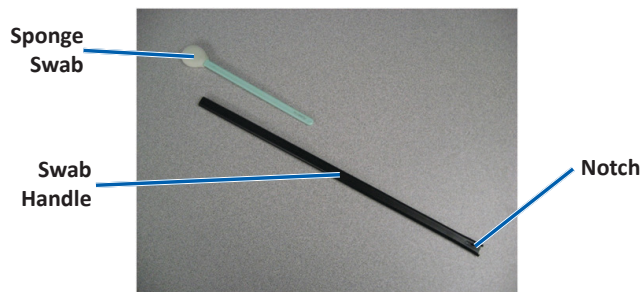
1. Access the **print head**.

- a. Lift the **printer cover latch** to open the cover.
- b. Lower the **printer cover**.
- c. Turn the **center latch** counterclockwise to unlock it.
- d. Remove the **print ribbon carrier**.

2. Clean the **print head**.

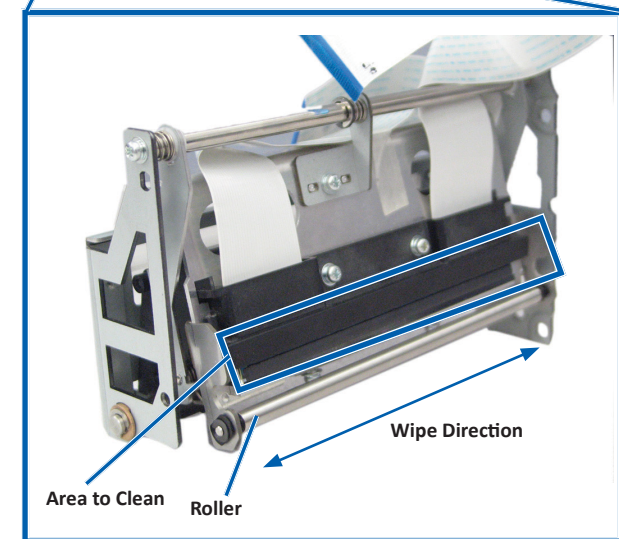
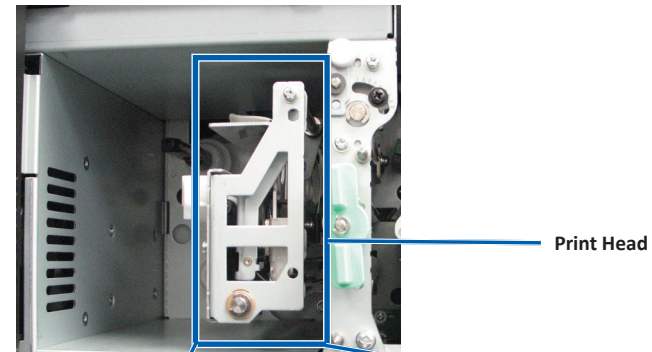
⚠ Caution! Do not scratch the print head. Remember the following tips:

- Always wipe from one end of the print head to the other without stopping in the middle.
- Only wipe the area indicated.
- Do not remove the print head component from the inside of the printer. The component is shown outside of the printer for instructional purposes only.



- a. Remove the **sponge swab** and the **swab handle** from the Everest cleaning kit.

- b. Insert the **sponge swab** into the unnotched end of the swab handle, if necessary.
- c. Apply **isopropyl alcohol** to the **sponge swab**.
- d. Use the **sponge swab** to wipe across the **print head** from one end to the other in the direction shown below.
- e. Repeat as needed until the **print head** is clean of dust and debris.
- f. Use the **sponge swab** to remove any waxy buildup from the **roller** below the print head.



Maintain the 3410 and 5410N

3. Prepare the **printer** for use.
 - a. Install the **print ribbon carrier**.
 - b. Turn the **center latch** clockwise to lock it.
 - c. Close the **printer cover**. The system is ready for use.

Clean the Tacky Rollers

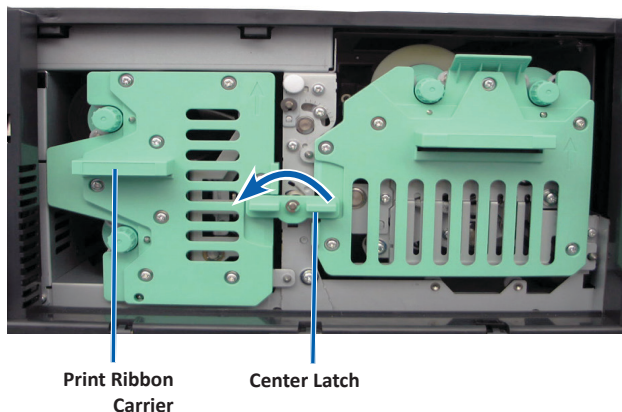
✂ Tools required:

- Sponge swabs with long handles (included in the Everest cleaning kit)
- 99% Isopropyl alcohol

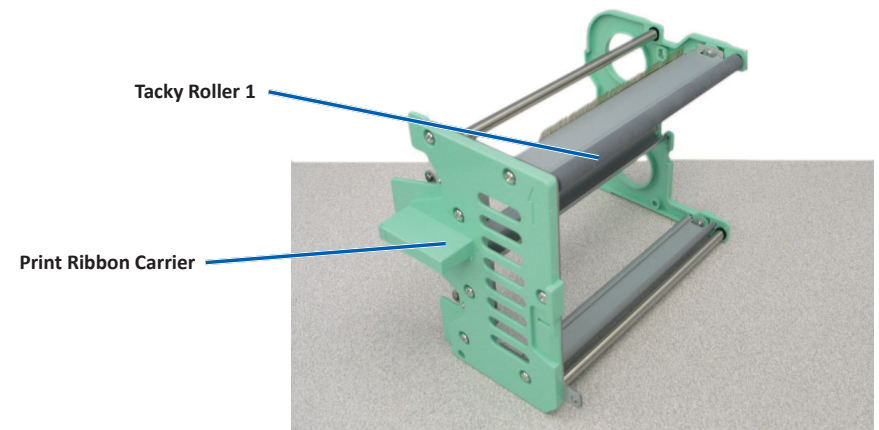
1. Remove the **print ribbon carrier**.

Important! The ribbon carriers cannot be removed from the printer unless the system is powered on.

- a. Lift the **printer cover latch** to open the cover.
 - b. Lower the **printer cover**.
 - c. Turn the **center latch** counterclockwise to unlock it.
 - d. Remove the **print ribbon carrier**.
2. Remove the **print ribbon**. For specific instructions, refer to the [Change the Print Ribbon](#) procedure on page 19.



3. Clean **tacky roller 1** on the print ribbon carrier.
 - a. Remove the **sponge swab and the swab handle** from the Everest cleaning kit.
 - b. Insert the **sponge swab** into the unnotched end of the swab handle, if necessary.
 - c. Apply **isopropyl alcohol** to the **sponge swab**.
 - d. Use the **sponge swab** to clean **tacky roller 1**.
 - e. Use the **sponge swab** to remove any waxy buildup from other parts of the **print ribbon carrier**.



4. Inside the printer, use the sponge swab to wipe **tacky roller 2**.
5. Prepare the **printer** for use.
 - a. Install the **print ribbon** on the print ribbon carrier. For specific instructions, refer to the [Change the Print Ribbon](#) procedure on page 19.
 - b. Install the **print ribbon carrier** in the printer.
 - c. Turn the **center latch** clockwise to lock it.
 - d. Close the **printer cover**.

The system is ready for use.

Maintain the 3410 and 5410N

Clean the Sensors

When should you clean the sensors?

- You receive an error message stating that the printer is not detecting the print ribbon, the upper sensor is not responding, or the lower sensor is not responding.
- The printing is off center.

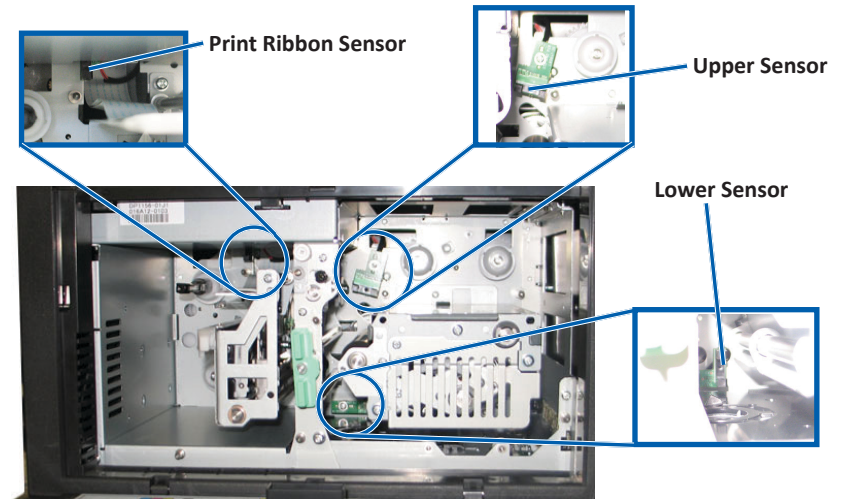
✂ Tools Required

- Sponge swabs with long handles (included in the Everest cleaning kit)
- Can of compressed air

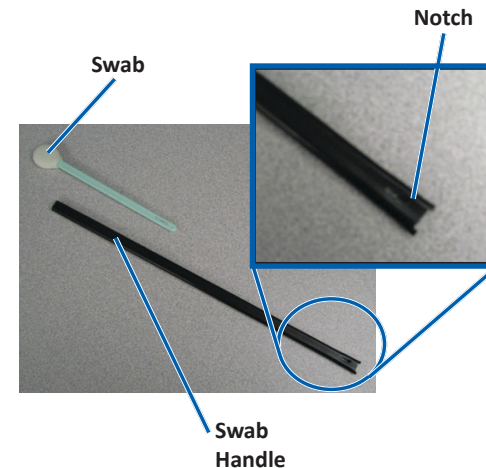
1. Access the **sensors**.
 - a. Stop or pause all jobs.
 - b. Remove the **ribbon carriers**. Refer to page 20 and page 23 for detailed instructions.

Important! The ribbon carriers cannot be removed from the printer unless the system is powered on.

- i. Lift the **printer cover latch** to open the cover.
 - ii. Lower the **printer cover**.
 - iii. Turn the **center latch** counterclockwise to unlock it.
 - iv. Remove the **print ribbon carrier**.
 - v. Remove the **retransfer ribbon carrier**.
- a. Power off the **system**. Refer to the *Power Off the System* section on page 12 for instructions.
 - i. Disconnect the **power cord** from the back of the 5410N or 3410.
 - ii. Disconnect the **power cord** from the power outlet.
2. Locate the **sensors**.
 - Print ribbon sensor
 - Upper sensor
 - Lower sensor



3. Clean the **Upper Sensor**.
 - a. Locate the **swab** and **handle** in the Everest Cleaning Kit.
 - b. If necessary, remove the **swab** from the handle.

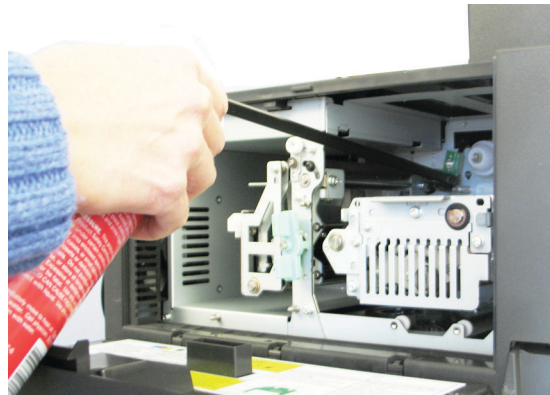


Maintain the 3410 and 5410N

- c. Position the **slotted end of the handle** in the upper sensor. Refer to page 29 for the sensor locations.

Tip: One end of the handle has a slot with a notch in it approximately ¼ inches from the end. This is the end that goes into the printer.

- d. Position the **can of compressed air's nozzle** in the unnotched end of the handle.



- e. Blow **compressed air** into the end of the handle for one to two seconds.
- f. Repeat two to three times.

4. Clean the **lower sensor**.

- a. Locate the **swab** and **handle** found in the Everest Cleaning Kit.
- b. If necessary, remove the **swab** from the handle.
- c. Position the **slotted end of the handle** in the lower sensor. Refer to page 29 for the sensor locations.

Tip: One end of the handle has a slot with a notch in it approximately ¼ inches from the end. This is the end that goes into the printer.

- d. Position the **can of compressed air's nozzle** in the unnotched end of the handle.

- e. Blow **compressed air** in to the end of the handle for one to two seconds

- f. Repeat two to three times.

5. Prepare the system for use.

- a. Replace the **print ribbon carrier**.
- b. Replace the **retransfer ribbon carrier**.
- c. Close the **printer cover**.
- d. Power on the **system**.
 - i. Connect the **power cord** to the back of the 5410N or 3410.
 - ii. Connect the **power cord** to the power outlet.
 - iii. Power on the **5410N** or **3410**. Refer to the *Power On the System* section on page 12 for detailed instructions.

The system is ready for use.

Operate Gemini Utilities

Operate Gemini Utilities

The Rimage software includes an application called Gemini Utilities, which is used to change the display name of the system and to enable the beeper. Gemini Utilities is only available on the Professional 5410N and the Professional 3410 running Rimage Software Suite—Network.

Tips:

- To access Gemini Utilities for the 5410N, use the remote desktop connection from a networked PC, or connect a monitor, keyboard, and mouse to the 5410N.
- Unless otherwise indicated, all Windows navigation statements are Windows 7 paths. Other Windows operating system navigation may differ slightly.

Start Gemini Utilities

1. Close all open software applications and stop all Rimage Services.

Tip: Refer to your Rimage software online help for additional information.

2. From the Windows **Start** menu select: **All Programs > Rimage > Utilities > Gemini Utilities**. Gemini Utilities opens.
3. When the desired tasks are complete, start the **Rimage Services**.

Change the Autoloader Display Name

Use Gemini Utilities to enter the name displayed on the operator panel.

Important! Changing the display name does not change the name of the system on a network or workgroup. To change the name on a network or workgroup, refer to your setup and installation instructions or the *Rimage Advance Setup (Networking) Guide*.

1. Select the **Override Name** checkbox.
2. Clear the **Use Computer Name** checkbox.
3. In the **Display Name** field, enter the new name.
4. Select **Set Params** to set the name.
The operator panel display name is set.

Enable the Beeper

You can change the number of beeps that occur when the unit is out of media or when there is an error.

1. In the **# of Beeps on Fault** field, select the number of beeps you wish to hear when there is an error.

Tip: To disable the beeper, set the number to zero.

2. Select **Set Params** to set the number of beeps.
The beeper is set.