RIMAGE®

Rimage Everest 600 Printer User Guide

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Introduction

This manual provides the information needed to operate, configure, and maintain the Rimage Everest™ 600 printer.

For information specific to your autoloader or Rimage AutoPrinter refer to the product's User Guide found at www.rimage.com/support. From the ***Support*** page select **Everest 600** then the ***User Manuals*** tab.

Important! Your Everest 600 printer 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 Everest 600 Printer

The Everest 600 printer is part of the Rimage series of printers. The printer can be used as a stand alone printer, or with a Rimage autoloader or Rimage AutoPrinter.

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.

Unpacking and Setup Instructions

Unpacking and installation instructions are included with the Everest 600 printer. Refer to the *Rimage Everest 600 Setup and Installation Guide*, as well as the setup and installation guide included with your Rimage autoloader or AutoPrinter.

Important Information

This section provides support contact information, and cautions and warnings, for the Everest 600 printer.

Technical Specifications for this product can be found at www.rimage.com/support. From the **Support page** select: **Printer Series > Everest 600 > User Manuals** tab.

Support Information

US, Asia/Pacific, Mexico/Latin America	Europe
Rimage Corporation 201 General Mills Blvd, Golden Valley, MN 55427 USA Attn: Rimage Services	**Rimage Europe GmbH** Albert-Einstein-Str. 26 63128 Dietzenbach Germany
Contact Rimage Services: **Website:** www.rimage.com/support **KnowledgeBase:** http://rimage.custhelp.com Log in and select the ***Ask a Question*** tab **Telephone:** North America: 800-553-8312 Asia/Pacific, Mexico/Latin America: 952-946-0004 **Fax:** 952-946-6956	**Contact Rimage Services Europe:** **Website:** www.rimage.com **KnowledgeBase:** http://rimage.custhelp.com Log in and select the ***Ask a Question*** tab **Email:** support@rimage.de **Telephone:** +49 1805-7462-43 **Fax:** +49 6074-8521-101

When you contact Rimage Services, please provide:	My Rimage Product Information:
• 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:	From your product page you can access:
1. Select your product series. 2. Select your product. 3. Learn more on the product page.	• 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 Everest 600 printer including Exchange Services. Please contact your Rimage Value Added Reseller or Rimage for additional information and pricing.

Important! Make sure that you register your printer so that Rimage can notify you of upgrades as they become available. Registration is available at http://www.rimage.com/support/warranty-registration.

Optical Disc Recording Software Disclaimer

This Product, Software, or Documentation may be 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.

Refer to the *Safety Precautions* section on page 3 and the *Compliance Information* section on page 4 for more information.

Safety Precautions

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

Warning!

- *Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiant exposure.*
- *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.*
- *Do not service the printer with the power cord plugged in the AC outlet.*
- *The interior of the printer contains sharp edges.*
- *The front bezel of the printer can be opened by hand. Do not insert your fingers.*
- *Do not touch the heat roller.*

Country-specific cautions for Wideband Data Transmission systems: 2400-2483.5 MHz

- *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.*

Caution:

- *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.*
- *Use only the supplied AC power cord. Fore more information or to order a new power cord, contact Rimage Customer Service.*
- *This product is designed for an office environment.*
- *Do not use the printer if it is overheating or an abnormal smell is detected. This may result in a fire and an electric shock. In case of heating or abnormal smell, immediately disconnect the cable from the outlet. Contact your Rimage-authorized dealer for repairs.*
- *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.*
- *This printer has no power switch. Power is disconnected completely by unplugging the cable. Rimage recommends installing the printer in a position that allows immediate disconnection of the power cable. Always hold the plug when disconnecting the cable from the outlet.*
- *This printer has a voltage slide switch on the back of the unit. Before use, check that is set to the correct voltage. Please do not use any voltage other than 110VAC or 220VAC. This could result in a fire and an electric shock.*

Important Information

Compliance Information

Product Name	Rimage Everest 600 Printer
Model	CDPR23
Notice for USA	**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. This product complies with UL 60950-1, 1st edition.
Notice for Canada	This Class A digital apparatus complies with Canadian ICES-003 Issue 4:2004. Cet appareil numerigue de la classe A est conforme a la norme NMB-003 du Canade. This product complies with CAN/CSA-C22.2 No. 60950-1-03 1st edition.
Notice for Europe	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: 1998 + Amd 1: 2000 Class B Limit; EN 55024: 1998; EN 61000-3-2:2000; EN 61000-3-3:1995 + Amd 1: 2001; EN 60950: 2000. The CE mark has been affixed in accordance with the CE Marking Directive 93/68/EEC.
Notice for Japan	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. Translation: 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。
Notice for Australia	This product complies with AS/NZS CISPR22:2004.

Everest 600 Printer Requirements

This section describes ribbon, label design, and print requirements for the Everest 600 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 600 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 the Everest 600 printer. Refer to the table below.

The Everest 600 printer requires a print ribbon and a retransfer ribbon. 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.

Everest 600 Ribbons

Ribbon Type	Number of Discs Printed
3-Color (CMY)	500
Black (monochrome)	1000
Retransfer ribbon (500 prints)	500

Label Design Requirements

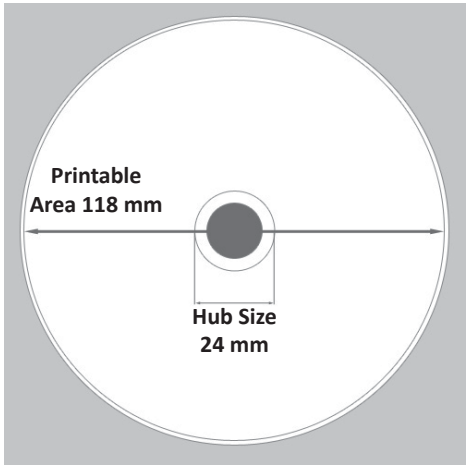
The Everest 600 Windows-compatible software ships with the CD Designer™ label editor software. This software is installed on your PC during a typical installation of the Rimage software. If you have a Windows-based PC, you can use CD Designer to design your labels.

If you are using a Macintosh, or prefer to design labels in a software application other than CD Designer, use the following criteria.

Important! CD Designer is not Macintosh-compatible and is not installed with the Macintosh-compatible Rimage software.

- **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”). The printable area and hub sizes vary depending on the disc manufacturer.

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



Everest 600 Printer Requirements

- **File format** – For best results, save your labels as JPEG or TIFF files. However, if you are using the Everest 600 on a Rimage autoloader, 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** – If your Everest 600 is on a Rimage autoloader, convert all labels to the RGB color mode in order to import them into CD Designer. If the Everest 600 is a standalone printer or on an AutoEverest AutoPrinter, and you are printing directly from an image-editing program, you can work in the color mode of your choice.
- **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.

Print Requirements

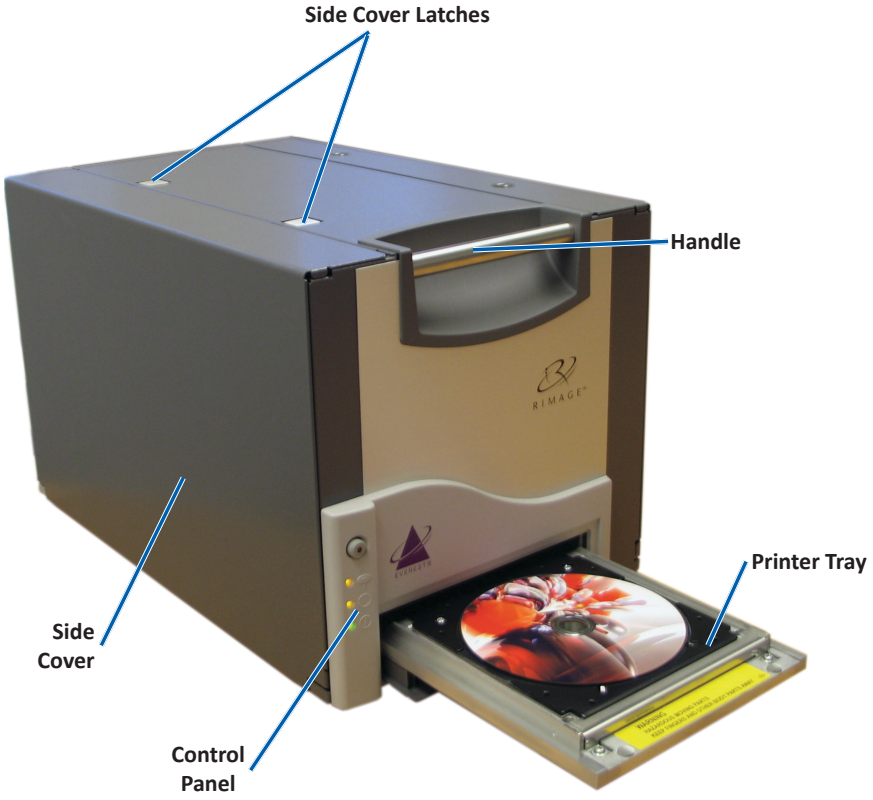
Any label you create and save through CD Designer is in the correct file format (.btw) for printing to an Everest 600 on a Rimage autoloader. You can also print labels saved as PDF files if your Everest 600 is on a Rimage autoloader.

If you are using a standalone Everest 600 printer or an AutoEverest AutoPrinter, you can print directly from any application with print capability.

Identifying the Parts of the Everest Printer

This section describes the Everest 600 printer hardware and features.

Front View



Control Panel

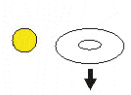
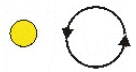
The control panel is located on the front of the Everest 600. It includes an operator button and four indicator lights. (One light is on the operator button.) The control panel allows you to monitor and control the printer.

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

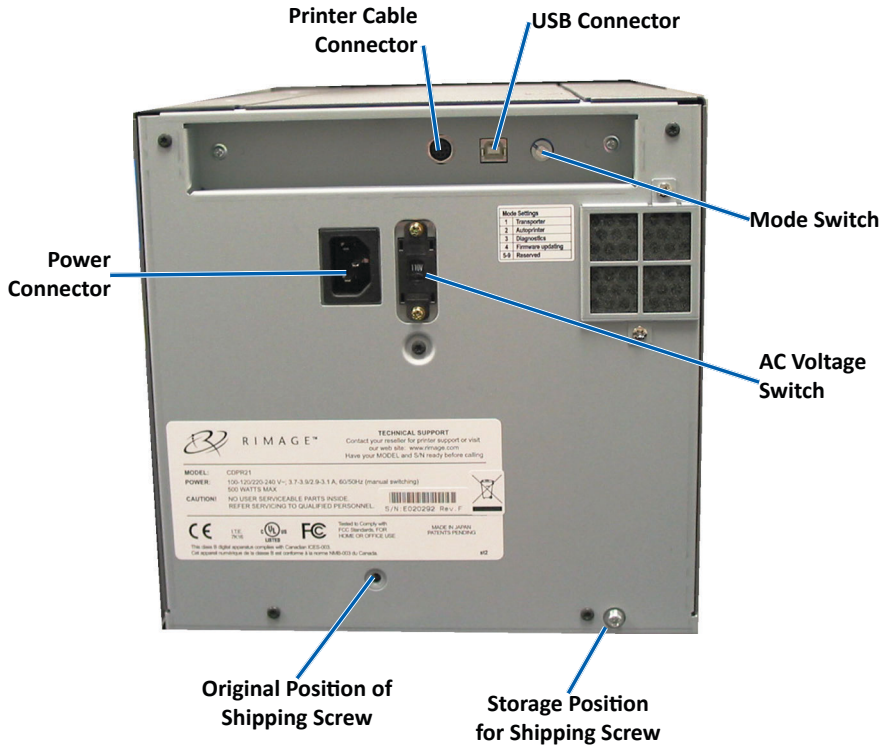
Control Panel Indicators

Image	Name	Function
	Operator button	The Operator button is used to complete the following tasks: • Open the printer tray • Close the printer tray • Reset after an error • Put the printer into sleep mode. To put the printer into sleep mode, press and hold the **Operator button** for 10 seconds. To resume normal operation, press the Operator button again.
	Error indicator light (on the operator button)	The Error indicator light illuminates when operator action is required.

Identifying the Parts of the Everest Printer

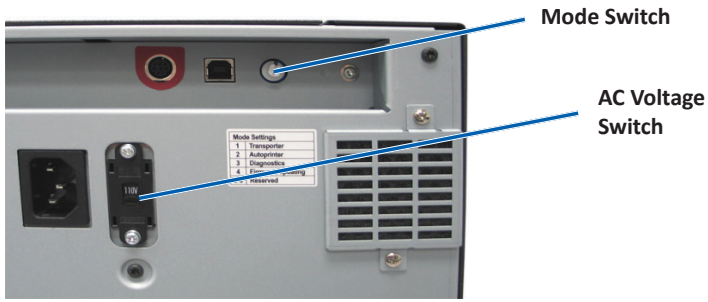
	**Disc Present indicator light**	The Disc Present indicator light illuminates when a disc is placed on the tray or when the disc is properly clamped. The Disc Present indicator light flashes when there is a problem. The number of flashes in each cycle indicates the type of problem. • 1 flash = Side cover is open or ribbon latch 1, 2 or 3 is open • 2 flashes = Print ribbon problem (incorrect, missing, or depleted print ribbon) • 3 flashes = Retransfer ribbon problem (missing or depleted retransfer ribbon) • 4 flashes = Error upon clamping the disc on the printer tray
	**Active indicator light**	The Active indicator light illuminates when the printer has completed initialization. The Active indicator light flashes when the printer is receiving data from the host.
	Power indicator light	The Power indicator light illuminates when the printer is powered on.

Back View



Identifying the Parts of the Everest Printer

Switches



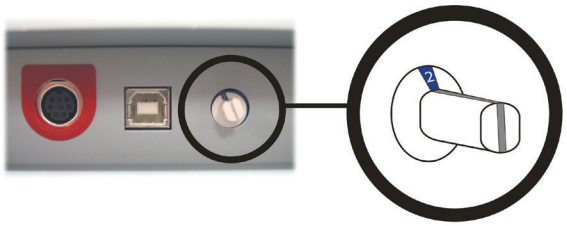
There are two switches on the rear of the Everest 600: the **AC voltage switch** and the **mode switch**.

AC Voltage Switch

The AC voltage switch is used to select the AC voltage of the power outlet. This switch has two positions: 110V and 220V.

Warning! *Set the AC voltage switch to match the voltage of the AC power outlet.*

Mode Switch



Important! You must power off the printer before changing the mode. Power the printer on when the mode switch is set.

The mode switch is a rotary switch used to set the operational mode of the Everest 600. The opening at the base of the cap on the switch indicates the selected mode. When the printer is shipped, it is set to the correct mode for your operation. You should not have to change the switch position unless you perform diagnostic tests.

Switch Position	Use
0	Standalone printer
2	Rimage autoloader or AutoPrinter
3	Diagnostic testing
All others	Not used

Operating the Everest 600 Printer

This section provides the information needed to operate your Everest 600 printer.

Power On or Off the Everest 600 Printer

The Everest 600 printer does not have a power switch. The printer is powered on and off according to your system setup. Refer to the sections below.

Power On or Off a Standalone Printer

Follow these steps for a standalone Everest 600 printer:

- To power on the printer, connect the **power cord** from the printer to a power outlet.
- To power off the printer, disconnect the **power cord** from the rear of the printer.

Power On or Off a Printer Connected to an Autoloader or AutoPrinter

Follow these steps if your Everest 600 is connected to an autoloader or AutoPrinter:

- To power on the printer, power on the **autoloader** or **AutoPrinter**.
- To power off the printer, power off the **autoloader** or **AutoPrinter**.

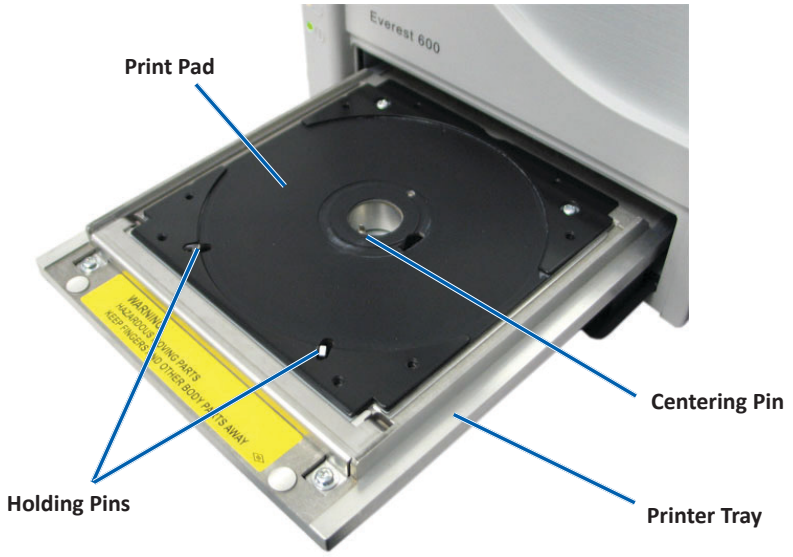
Tip: The printer enters power saving mode if it is idle for more than 30 minutes. When this occurs, the printer takes 2-3 minutes to warm up after a job is sent to the printer.

Place a Disc on the Printer Tray

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

1. Press the **operator button**. The printer tray opens.
2. Place the disc on the **print pad**. Make sure that the printable surface faces up, and the stacking ring faces the print pad.

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

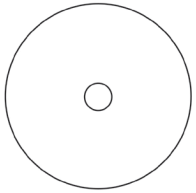


Set your Printing Preferences

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 or a Macintosh.

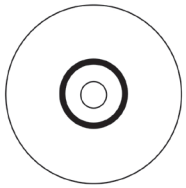
Default Printable Area Settings

Most discs have the following printable areas:



Disc without stacking ring:

- Outer Diameter 118 mm
- Inner Diameter 24 mm



Disc with stacking ring:

Standard Area:

- Outer Diameter 118 mm
- Inner Diameter 38 mm

Hub Area:

- Outer Diameter 35 mm
- Inner Diameter 17 mm

Set Your Printing Preferences on a Windows PC

Printing preferences allow you to set up your Everest 600 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 systems' navigation may differ slightly.

Access Printing Preferences (PC)

Use one of the procedures below to access the Everest 600 Printing Preferences.

Access Printing Preferences through the Windows Start Menu

Using this method, printing preferences are saved in the printer driver settings and are applied to all newly created labels.

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

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

2. Right-click the **Everest 600 printer**. The dropdown menu displays.
3. Select **Printing Preferences**. The *Rimage Everest 600 Printing Preferences* dialog box opens.

Access Printing Preferences through CD Designer

Using this method, printing preferences are saved with the label file and are used instead of the printer driver settings.

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 **Everest 600 printer**.
4. Select the **Document Properties** button. The *Rimage Everest 600 Properties* dialog box opens.

Set your Printing Preferences

Access Printing Preferences when Printing PDFs

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

Important! The procedure below applies only if you are printing PDF labels using a Rimage autoloader. It does not apply if you are using an AutoEverest AutoPrinter. 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 will be the same as Windows 7.

2. Right-click on the **Everest 600 printer**. The dropdown menu displays.
3. From the dropdown menu, select **Printer Properties**. The *Rimage Everest 600 Properties* dialog box opens.

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

4. Select the ***Advanced*** tab.
5. At the bottom of the ***Advanced*** tab, select **Printing Defaults...** The *Rimage Everest 600 Printing Defaults* dialog box opens.

Set the Media Type, Media Size, Orientation, and Ribbon Type (PC)

1. Access *Printing Preferences*. Refer to page 11 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**.
   d. Select the desired **Orientation**.
   e. Select the appropriate type of **Ribbon**.
4. When you have made the desired choices in the *Rimage Everest 600 Printing Preferences* window, select **Apply**.
5. Select **OK** to close the *Rimage Everest 600 Printing Preferences* window.

Set the Print Quality, Color Matching, and Image Adjustments (PC)

1. Access *Printing Preferences.* Refer to page 11 for instructions.
2. Select the ***Advanced*** tab.
3. View or change the printing preferences.
   a. Select the desired **Print Quality**. (The options are **Photo** or **Graphics**).
   b. Select the desired criteria for **Color Matching**.

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

   c. 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.

      Tip: To modify the printable area, refer to the *Set the Printable Area (PC)* section on "Set the Printable Area (PC)" on page 13.

4. Select **Apply** when you have made the desired choices in the *Rimage Everest 600 Printing Preferences* window.

Set your Printing Preferences

5. Select **OK** to close the *Rimage Everest 600 Printing Preferences* window.

Set the Printable Area (PC)

This functionality allows you to adjust the printable area settings for standard CD/DVD 120 mm media. These settings control the outer and inner diameters so that the label prints on the disc without overlapping the disc edges.

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

1. Access *Printing Preferences*. Refer to page 11 for instructions.
2. Select the ***Advanced*** tab.
3. View or change the **Printable Area** preferences.
    a. Select the **Modify** button at the bottom of the ***Advanced*** tab. The *Printable Area Settings* window opens.
    b. To modify only *Standard Area* settings, select the **Standard** radio button.
        i. Enter the desired **Outer Diameter**.
        ii. Enter the desired **Inner Diameter**.
    c. 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.
    d. Select **OK** to save the changes. The *Printable Area Settings* window closes.
    e. If necessary, select **Default** to return to the default
    f. When you have made the desired choices in the *Rimage Everest 600 Printing Preferences* window, select **Apply**.
4. Select **OK** to close the *Rimage Everest 600 Printing Preferences* window.

Adjust the Print Alignment and Color Density (PC)

1. Access *Printing Preferences*. Refer to page 11 for instructions.
2. Select the ***Utility*** tab.
3. Select **Status Monitor…** button. The *Rimage Everest 600 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 percentages of unused ribbon for the print and retransfer ribbons. To reset the estimate for the number of prints remaining on the ribbons, refer to the *View the Ribbon Status (PC)* section on page 16.

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

Tips:
- The ***Printer Information*** tab also displays the current firmware version and serial number of your Everest 600 printer.
- Select Default to return to the default Print Alignment Settings or Color Density Settings.

    a. View or change the **Print Alignment Settings**.
        i. Select the **Modify** button from the *Print Alignment Settings* pane. The *Print Alignment Setting*s window opens.
        ii. Select the desired **Color/Monochrome** setting in the *Horizontal Alignment Settings* pane 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. Select the **Modify** button from the *Color Density Settings* pane. The *Color Density Settings* window 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 600 Printing Preferences* window.

Define Your Print Settings on a Macintosh

The print settings allow you to set up your Everest 600 printer to produce the best possible labels on your discs.

Important: The location of the preferences described in this section will change depending on the program used to print the label file**.**

Access Print Settings (Macintosh)

1. Open the **label file** in the application of your choice.
2. From the ***File*** menu, select **Print**. The *Print* dialog box opens.
3. From the ***Printer*** dropdown list, select **CDPR23**.

Set the Media Type, Ribbon Type and Print Quality (Macintosh)

1. Access *Print Settings*. Refer to page 14 for instructions.
2. From the third dropdown list, select **Everest Settings**. The *Everest Settings* pane displays.
3. Select the appropriate **Media Type**.
4. Select the appropriate type of **Ribbon**.
5. Select the desired **Print Quality**.
6. To continue setting your printing preferences, select other options from the third dropdown list.

   OR

   Select **Print** to print the label.

Set the Color Matching and Image Adjustments (Macintosh)

1. Access *Print Settings*. Refer to page 14 for instructions.
2. From the third dropdown list, select **Everest Colors**. The *Everest Colors* pane displays.
3. Select the desired criteria for **Color Matching**.
4. Select the desired **Matching Method**.
5. Move the **Brightness** slider to modify the image brightness.
6. Select the desired **Threshold**.
7. To continue setting your printing preferences, select **other options** from the third dropdown list.

   OR

   Select **Print** to print the label.

Set your Printing Preferences

Set the Printable Area (Macintosh)

This functionality allows you to adjust the printable area settings for standard CD/DVD 120 mm media. These settings control the outer and inner diameter so that the label prints on the disc without overlapping on the disc edges.

1. Access *Print Settings*. Refer to page 14 for instructions.
2. From the third dropdown list, select **Printable Area Settings**. The *Printable Area Settings* pane displays.
3. View or change the **Printable Area** preferences.
   a. Enter the desired values in the ***Outer*** and ***Inner*** fields to change the settings for standard printable area.
   b. To set the printable area for a disc with a stacking ring:
      i. Select **Advanced**. The advanced settings display.
      ii. Enter the desired values in the ***Outer Hub*** and ***Inner Hub*** fields.
4. To continue setting your printing preferences, select **other options** from the third dropdown list.

   OR

   Select **Print** to print the label.

Adjust the Print Alignment and Color Density (Macintosh)

In the Everest Utility, you can adjust the print alignment and the color density. The Everest Utility also allows you to view information such as the current firmware version, serial number and installed ribbon type, and to update your printer firmware.

Important: The settings in the Everest Utility can be modified only when the printer is idle and no jobs are currently printing.

1. Access the **Everest Utility**.
   a. Select: **System Preferences** > **Print & Fax**. The *Print & Fax* window opens.
   b. In the printer list, double-click **CDPR23**.
2. From the **CDPR23** toolbar, select ***Utility***. The *Everest Utility* opens.
3. Select the ***Alignment*** tab. The alignment settings display.
4. View or change the print alignment settings.
   a. Move the **All Color** slider in the *Horizontal Alignment Settings* pane to modify the horizontal alignment for all ribbon types.
   b. Move the **Color** slider in the *Vertical Alignment Settings* pane to modify the vertical alignment for prints with a CMY ribbon.
   c. Move the **Monochrome** slider in the *Vertical Alignment Settings* pane to modify the vertical alignment for prints with a monochrome ribbon.
5. View or change the color density settings.
   a. Select the ***Density*** tab. The density settings display.
   b. Move the **Cyan**, **Magenta**, and **Yellow** sliders to modify the color density settings.
   c. Move the **Black** slider to modify the grayscale density settings.
6. Select **Save** to save the modified settings. The *Everest Utility* closes.

Check the Ribbon Remaining

The operator panel on Rimage Producer III, Producer IIIN, Professional 5100N, and Professional 5300N autoloaders displays the estimated number of prints remaining on the print ribbon and the retransfer ribbon.

For standalone Everest 600 printers and AutoPrinters, you can check the amount of ribbon remaining using the *Status* feature of the printer driver. Use the following procedure to check the amount of ribbon remaining for a standalone Everest 600 printer or AutoEverest AutoPrinter.

Set your Printing Preferences

View the Ribbon Status (PC)

The ***Status*** tab of the *Status Monitor* window for Windows allows you to view the estimated percentage and number of prints remaining on the print and retransfer ribbons.

1. Access *Printing Preferences*. Refer to page 11 for instructions.
2. Select the ***Utility*** tab.
3. Select **Status Monitor…** The *Status Monitor* window opens, with the ***Status*** tab active.
4. View the **ribbon information**:
   - Current printer status.
   - Estimated percentage and number of prints remaining on the print and retransfer ribbons.

Tip: If you remove a ribbon from the Everest 600 printer and reinsert it, the system recognizes the amount of ribbon remaining in the consumable monitoring application. Partially used ribbons from other Everest printers will not display accurately in the consumable monitoring application.

5. Reset the **estimate** for the number of prints remaining on the retransfer ribbon.
   a. Select **Options.** The *Reset retransfer prints remaining* window opens.
   b. If you are using a 500-print ribbon, check the ***Use 500 print retransfer ribbon*** box.
   c. Select **Reset prints**. The *Reset prints* window opens.
   d. Select **Yes** to confirm the reset. The *Reset prints* and *Reset retransfer prints remaining* windows close.
   e. Select **Close** to close the *Status Monitor* window.
   f. Select **OK** to close the Printing Preferences window.

View the Ribbon Status (Macintosh)

The ***Status*** tab of the *Everest Utility* window for Macintosh allows you to view the estimated percentage and number of prints remaining on the print and retransfer ribbons.

1. Access the **Everest Utility**.
   a. Select: **System Preferences** > **Print & Fax**. The *Print & Fax* window opens.
   b. In the printer list, double click **CDPR23**. The *CDPR23* window opens.
2. From the toolbar, select **Utility**. The *Everest Utility* opens.
3. Select the ***Status*** tab.
4. View the **ribbon information**:
   - Current printer status.
   - Estimated percentage and number of prints remaining on the print and retransfer ribbons.

Tip: If you remove a ribbon from the Everest 600 printer and reinsert it, the system recognizes the amount of ribbon remaining in the consumable monitoring application. Partially used ribbons from other Everest printers will not display accurately in the consumable monitoring application.

5. Reset the **estimate** for the number of prints remaining on the retransfer ribbon.
   a. Select **Option.** The *Reset retransfer prints remaining* window opens.
   b. If you are using a 500-print ribbon, check the ***Use 500 print retransfer ribbon*** box.
   c. Select **Reset prints**. A confirmation window opens.
   d. Select **OK** to confirm the reset. The confirmation window and the *Reset retransfer prints remaining* window close.
6. Select **Quit** to close the *Everest Utility* window.

Maintaining the Everest 600 Printer

You must perform routine maintenance to keep the Everest 600 operating at optimum performance. The table below lists maintenance tasks, frequency, and references to cleaning instructions in this user guide.

Maintenance Schedule

Task	Frequency	Instructions
Change the print ribbon 3-Color Ribbon (CMY) Black Ribbon (monochrome)	After 500 discs After 1000 discs	Refer to the *Change the Print Ribbon* section on page 17.
Change the retransfer ribbon	After 500 discs	Refer to the *Change the Retransfer Ribbon* section on page 20.
Clean the print head	After 2000 discs (as needed) or at every ribbon change	Refer to the *Clean the Print Head* section on page 21.
Clean the tacky rollers	After 2000 discs or at every ribbon change	Refer to the *Clean the Tacky Rollers* section on page 22.
Clean the sensors	Clean the sensors if: • You receive any of the following error messages stating that the: ▪ Printer is not detecting the print ribbon. ▪ Upper or lower sensor is not responding. • The printing is off center.	Refer to the *Clean the Sensors* section on page 27.
Clean the air filters	Monthly	Refer to the *Clean the Rear Air Filters* section on page 23 and *Clean the Side Air Filters* section on page 24.
Clean the platen roller	**Important!** Clean the platen roller only if you notice a diminished print quality, such as white specks, on the printed disc.	Refer to the *Clean the Platen Roller* section on page 25.
Clean the exterior	Weekly	Wipe the exterior of the printer with a lint-free cloth.

Important! For optimum performance, keep the Everest 600 in a clean, dust-free environment.

Change the Print Ribbon

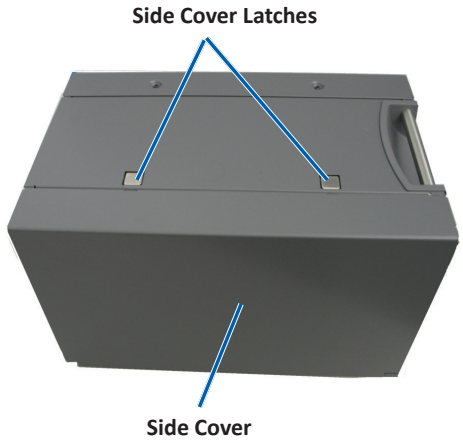
Before you change or install a new Everest 600 print ribbon, allow time for the new ribbon to become acclimated to the environment. Allow more time for greater temperature and humidity differences.

Important!

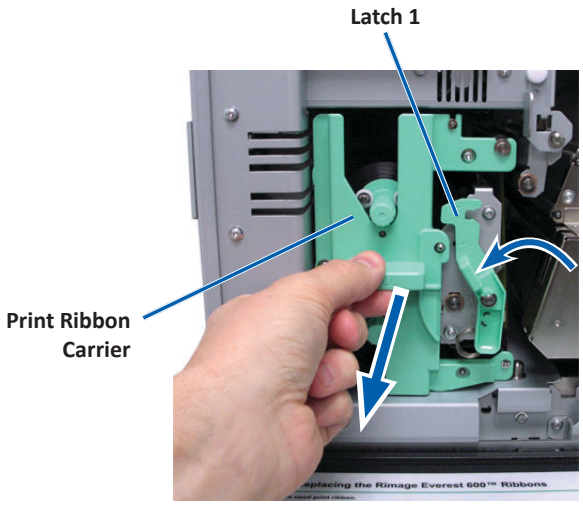
- Rimage supports only the use of Rimage brand ribbons in our printers. Printer issues that occur as a result of using ribbons from manufacturers other than Rimage are not included under your Rimage warranty or maintenance agreement.
- For optimum results, make sure that Everest 600 ribbons are stored 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 the Everest 600 printer.

Remove the Print Ribbon

1. Open the **side cover**.
   a. Press the two **side cover latches** to release the side cover.
   b. Lower the **side cover**.



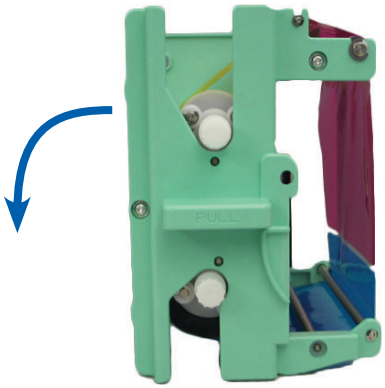
2. Access the **print ribbon**.



a. Open **latch 1**.

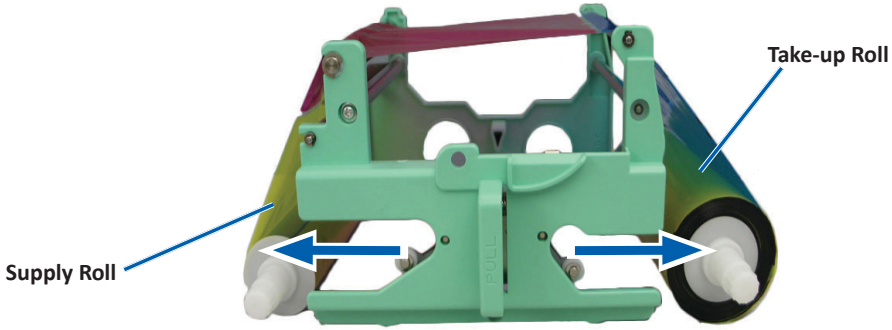
b. Pull the **print ribbon carrier** straight out of the printer.

c. Lay the **print ribbon carrier** on its back.



Tip: Perform cleaning procedures while the print ribbon is removed. For more information refer to the *Clean the Everest 600 Printer* section on page 21.

3. Remove the **print ribbon** from the carrier.



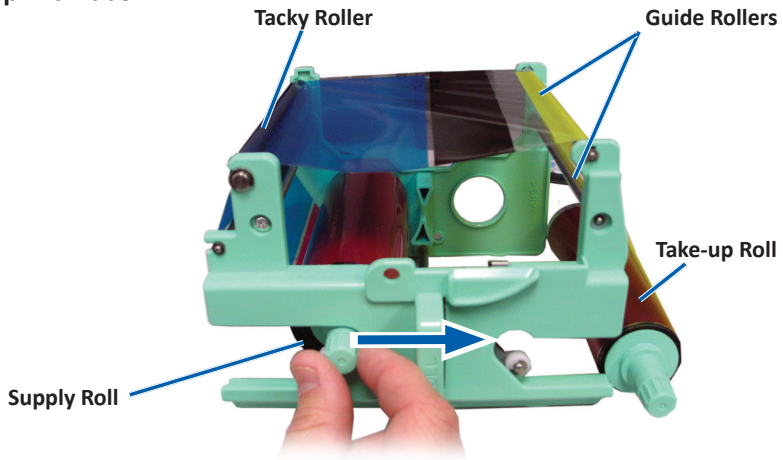
a. Slide the **supply roll** to the left.

b. Slide the **take-up roll** to the right.

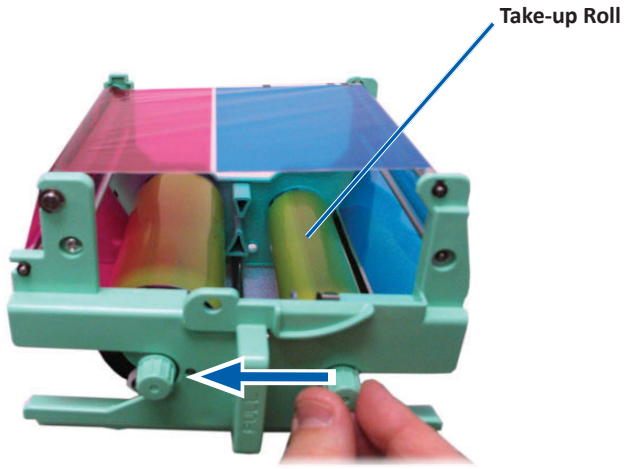
c. Discard the **used print ribbon**.

Install the Print Ribbon

1. Remove the new **print ribbon** from the packaging.
2. Install the **print ribbon** on the print ribbon carrier.
   a. With the supply roll on the left side, unwind **several inches of the print ribbon**.



   b. Lay the **print ribbon** across the tacky roller and guide rollers.
   c. Install the **supply roll** as shown.
   d. Install the **take-up roll** as shown.
   e. Rotate the **take-up roll** clockwise so the ribbon is aligned and lies flat. You may need to lift the ribbon up from the tacky roller to straighten it.



Important:

- Do not rotate the ribbon past the Cleaning Bars at the front of the ribbon .
- If you installed a monocolor ribbon, advance the ribbon so the ink portion of the ribbon is advanced to the take-up roll.

3. Reassemble the **printer**.
   a. Set the **print ribbon carrier** upright.
   b. Slide the **print ribbon carrier** into the printer.
   c. Close **latch 1**.
   d. Close the **side 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 (PC)* section on page 13 or the *Adjust the Print Alignment and Color Density (Macintosh)* section on page 15 for more information.

The printer is ready for use.

Change the Retransfer Ribbon

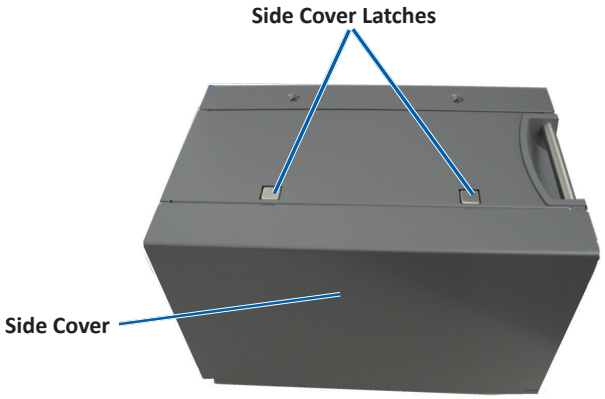
Before you change or first install the Everest 600 retransfer ribbon, allow time for the new ribbon to become acclimated to the environment. Allow more time for greater temperature and humidity differences.

Important!

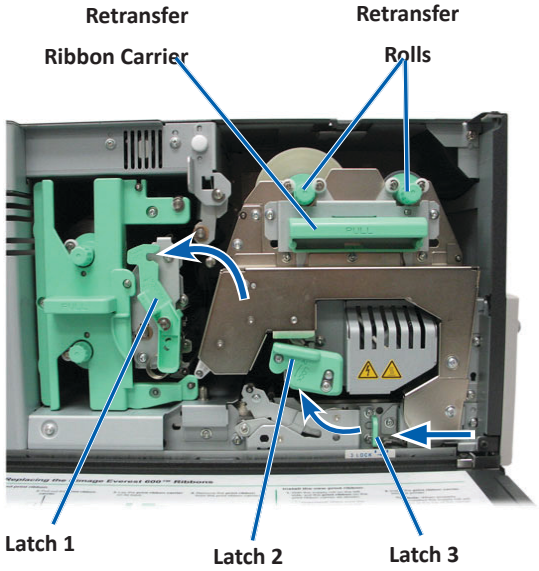
- Rimage supports only the use of Rimage brand ribbons in our printers. Printer issues that occur as a result of using ribbons by manufacturers other than Rimage are not included under your Rimage warranty or maintenance agreement.
- For optimum results, make sure that Everest 600 ribbons are stored 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 the Everest 600 printer.

Remove the Retransfer Ribbon

1. Open the **side cover**.
   a. Press the two **side cover latches** to release the side cover.
   b. Lower the **side cover**.



2. Remove the used **retransfer ribbon**.



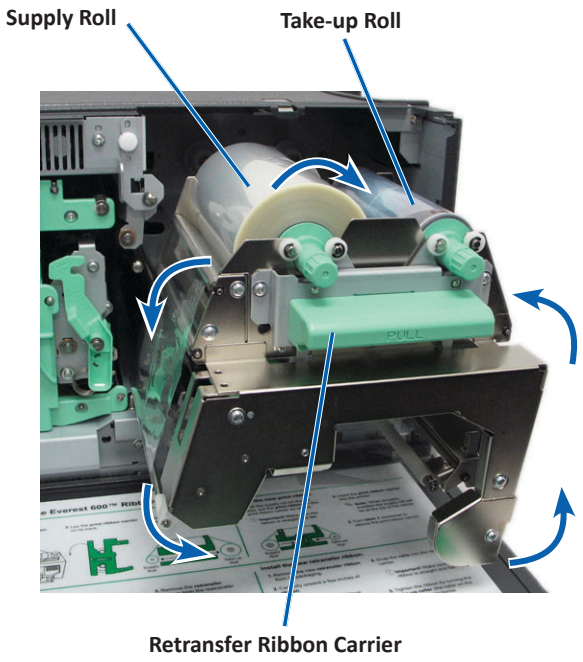
   a. Open **latches 1, 2,** and **3**.
   b. Grasp the handle to slide the **retransfer ribbon carrier** out of the printer.

   Tip: The retransfer ribbon carrier cannot be removed from the printer.

   c. Lift the **retransfer rolls** out of the carrier.
   d. Carefully slide the **retransfer ribbon** from the **retransfer ribbon carrier**.
   e. Discard the used **retransfer ribbon**.

Install the Retransfer Ribbon

1. Remove the new **retransfer ribbon** from the packaging.



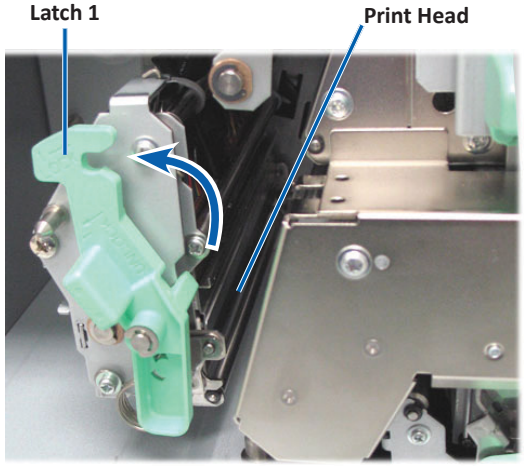
2. Position the **retransfer ribbon**.
   a. With the supply roll on the left side, unwind several inches of the **retransfer ribbon**.
   b. Slide the **retransfer ribbon** under the retransfer ribbon carrier.
   c. Install the **supply roll** on the left side of the retransfer ribbon carrier. Be sure that the ribbon winds under the supply roll.
   d. Bring the **take-up roll** up and around the guide rollers and snap the roll into place.
3. Rotate the **take-up roll** counterclockwise in order to tighten the retransfer ribbon.
4. Reassemble the **printer**.
   a. Slide the **retransfer carrier** into the printer.
   b. Close **latches 1**, **2**, and **3**.
   c. Close the **side cover**.

The printer is ready for use.

Clean the Everest 600 Printer

Regular cleaning helps to keep your Everest 600 printer in optimal operating condition.

Clean the Print Head



Tools required:

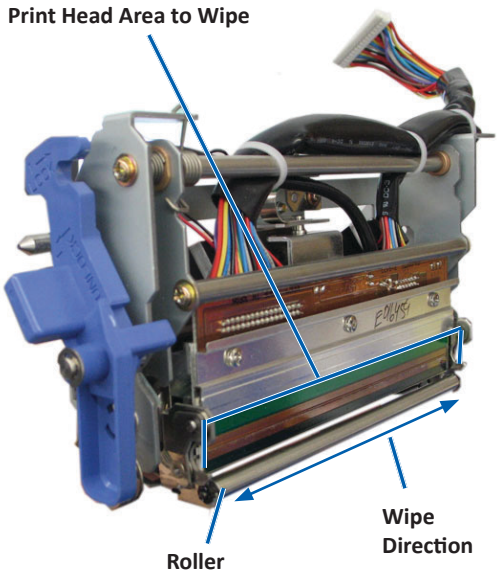
- Sponge swabs with long handles (included in the Everest cleaning kit)
- 99% Isopropyl alcohol

1. Access the **print head**.
   a. Press the two **side cover latches** to release the side cover.
   b. Lower the **side cover**.
   c. Open **latch 1**.
   d. Remove the **print ribbon carrier**. For specific instructions, refer to the *Change the Print Ribbon* procedure on page 17.
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.*

   a. Apply **isopropyl alcohol** to the **sponge swab**.



   b. Use the **sponge swab** to wipe across the **print head** from one end to the other in the direction shown.
   c. Repeat as needed until the **print head** is clean of dust and debris.
   d. Use the **sponge swab** to remove any waxy buildup from the roller below the print head.
3. Prepare the **printer** for use.
   a. Install the **print ribbon**. For specific instructions, refer to the *Change the Print Ribbon* procedure on page 17.
   b. Install the **print ribbon carrier**.
   c. Close all **latches**.
   d. Close the **side cover**.

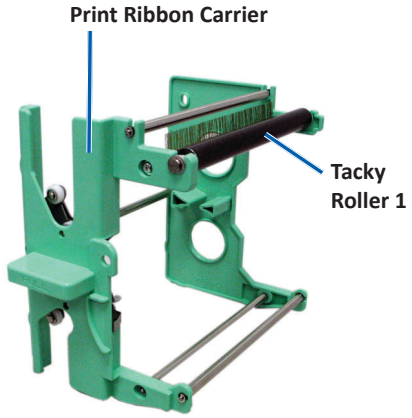
The printer is ready for use.

Clean the Tacky Rollers

Tools required:

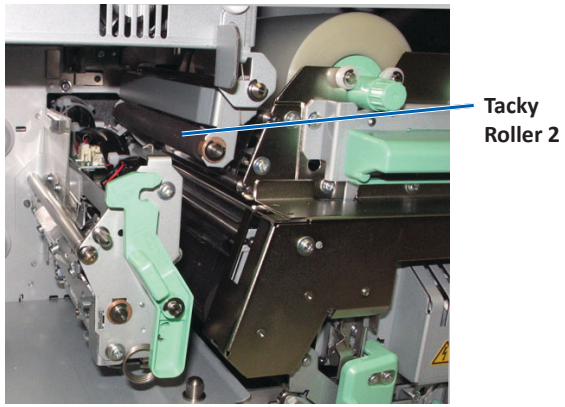
- Sponge swabs with long handles (included in the Everest cleaning kit)
- 99% Isopropyl alcohol

1. Remove the **print ribbon**. For specific instructions, refer to the *Change the Print Ribbon* procedure on page 17.



2. Clean **tacky roller 1** (on the print ribbon carrier).
   a. Apply **isopropyl alcohol** to the **sponge swab**.
   b. Use the **sponge swab** to clean **tacky roller 1**.
   c. Use the **sponge swab** to remove any waxy buildup from other parts of the **ribbon carrier**.
   d. Install the **print ribbon** on the print ribbon carrier. Refer to the *Change the Print Ribbon* procedure on page 17.

3. Inside the printer, use the **sponge swab** to wipe **tacky roller 2**.



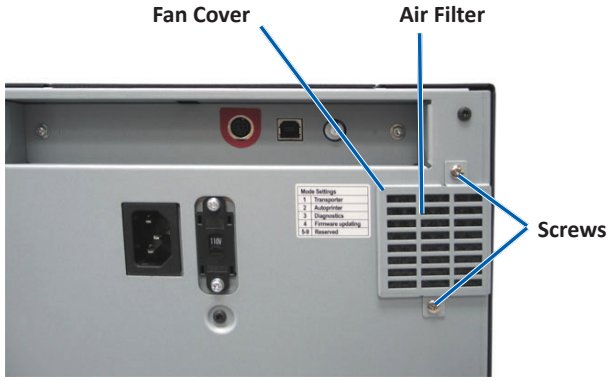
4. Prepare the **printer** for use.
   a. Install the **print ribbon carrier**.
   b. Close all **latches**.
   c. Close the **side cover**.

The printer is ready for use.

Clean the Rear Air Filter

Tool Required: Phillips #2 screwdriver

1. Remove the **air filter**.



   a. At the rear of the printer, remove the **Phillips screws** (Qty. 2) that secure the fan cover.
   b. Remove the **fan cover**.
   c. Remove the **air filter**.

2. Clean the **air filter**.
   a. Hold the **air filter** under running water.
   b. Allow the **air filter** to dry.

3. Prepare the **printer** for use.
   a. When the **air filter** is dry, place it inside the **fan cover**.
   b. Insert the **screws** (Qty. 2) to secure the **fan cover** to the back of the printer.

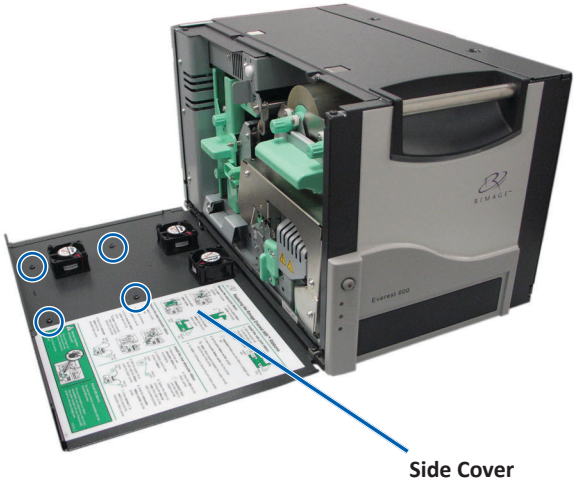
The printer is ready for use.

Maintaining the Everest 600 Printer

Clean the Side Air Filters

Tool Required: Torx T10 screwdriver

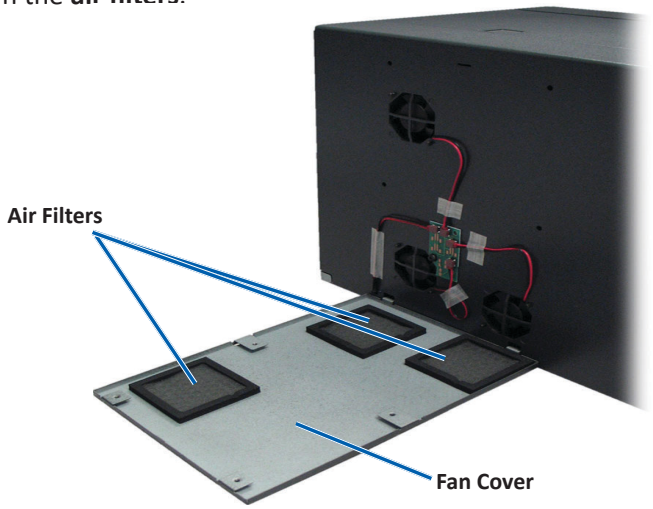
1. Open the **side cover**.
   a. Press the two **side cover latches** to release the side cover.



   b. Lower the **side cover** and the attached **fan cover**.
2. Remove the **fan cover** from the side cover.
   a. Remove the **Torx T10 screwdriver** (Qty. 4) from the inside of the side cover.
   b. Close the **side cover**. The fan cover remains on the work surface, with air filters exposed.

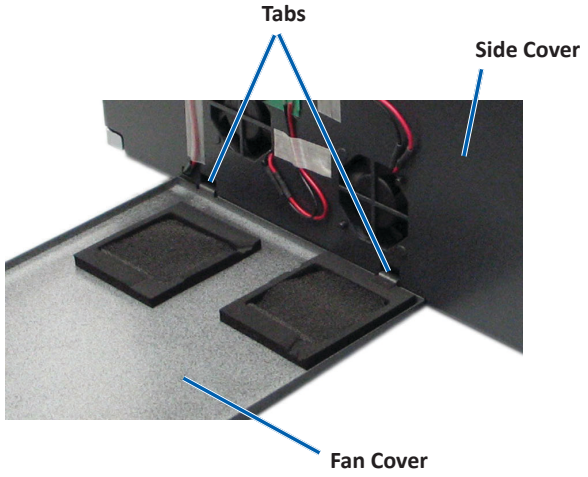
> **Tip:** If the fan cover remains attached to the side cover, gently lower the fan cover.

3. Remove the three **air filters** from the fan cover.
4. Clean the **air filters**.



   a. Hold each **air filter** under running water.
   b. Allow the **air filters** to dry.

6. Prepare the **printer** for use.
   a. When the **air filters** are dry, position them on the inside of the fan cover.
   b. Make sure that the **tabs** on the fan cover fit into the holes in the side cover.



   c. Open the **side cover**.
   d. Insert and tighten the **Torx T10 screws** (Qty. 4) to secure the fan cover to the side cover.
   e. Close the **side cover** and the attached fan cover.

The printer is ready for use.

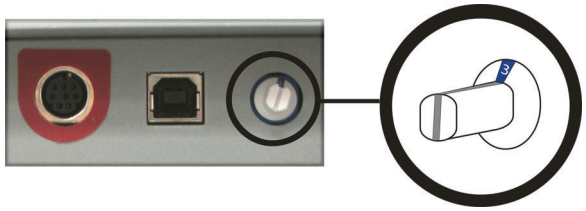
Clean the Platen Roller

Important! Clean the platen roller only if you notice a diminished print quality, such as white specks on the printed disc.

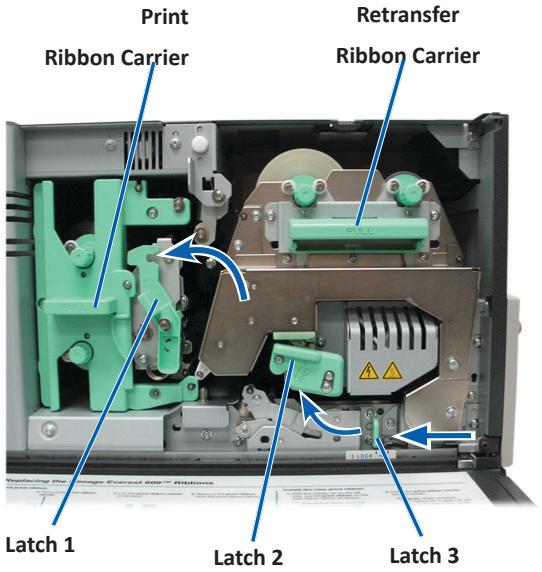
Tools required:

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

1. Prepare to clean the **platen roller**.
   a. Power off the **printer**.
   b. At the back of the printer, turn the **mode switch** to position 3 (diagnostic mode).



   c. Power on the **printer**.
2. Access the **platen roller**.



   a. Press the two **side cover latches** to release the side cover.
   b. Lower the **side cover**.

c. Open latches **1, 2, and 3** inside of the printer.

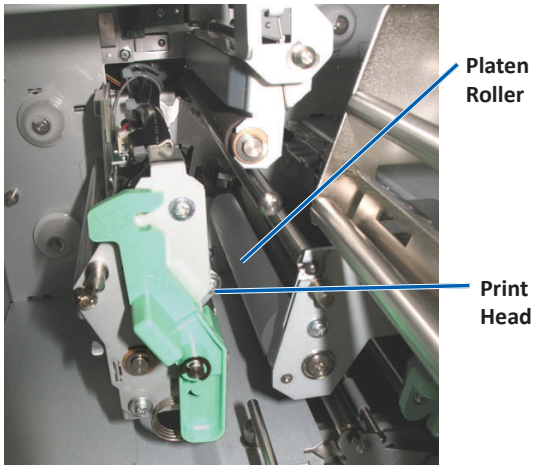
d. Remove the **print ribbon** carrier. For specific instructions, refer to the *Change the Print Ribbon* procedure on page 17.

e. Pull out the **retransfer ribbon** carrier. For specific instructions, refer to the *Change the Retransfer Ribbon* procedure on page 20.

Tip: The retransfer ribbon carrier cannot be removed from the printer.

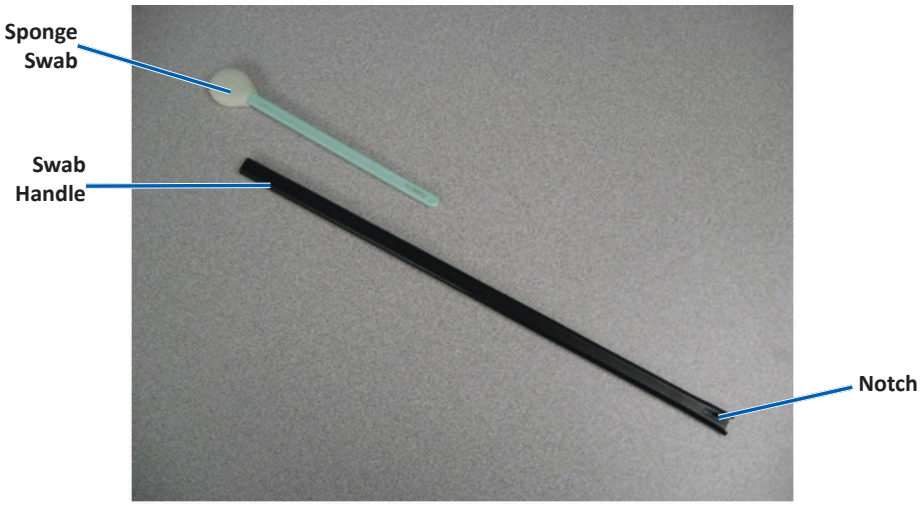
3. Press and hold the **operator button** for 2 seconds to access Diagnostic Test 1. The platen roller begins to rotate and the Active indicator light on the front panel blinks.

4. Clean the **platen roller** (to the right of the print head).



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.



c. Apply **isopropyl alcohol** to the **sponge swab**.

d. As the platen roller rotates, use the **sponge swab** to wipe the **platen roller**.

Caution! Do not apply pressure when cleaning the platen roller with the sponge swabs. Applying pressure may damage the platen roller, leaving scratch marks on the printed disc.

Tip: As you wipe the platen roller, allow it to rotate a full turn before moving to the next area.

5. Press and release the **operator button** to exit diagnostics mode.

6. Prepare the **printer** for use.

a. Power off the **printer**.

b. Install the **print ribbon carrier**.

c. Install the **retransfer ribbon carrier.**

d. Close all **latches.**

e. Close the **side cover**.

f. Turn the **mode switch** to the correct operating position.
For more information, refer to the Switches section on page 9.

g. Power on the **printer**.

The printer is ready for use.

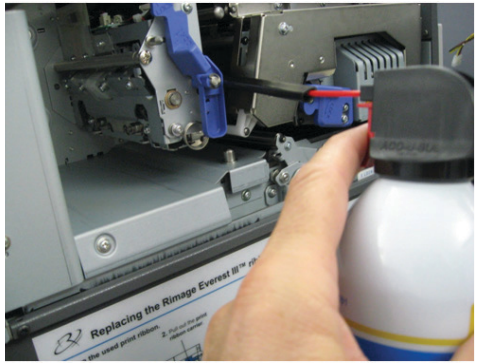
Clean the Sensors

When should you clean the sensors?

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

Tools Required

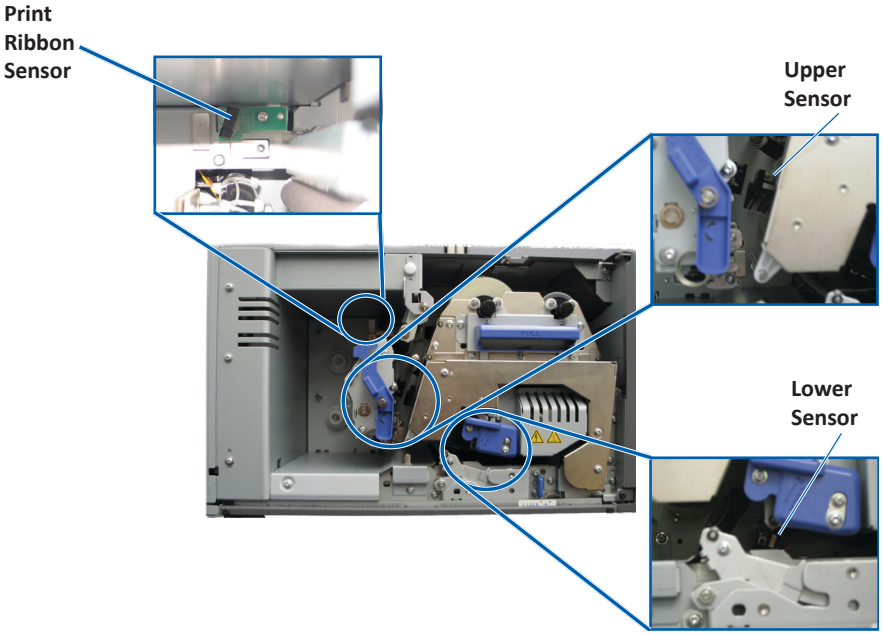
- Sponge swabs with long handles (included in the Everest cleaning kit)
- Can of compressed air



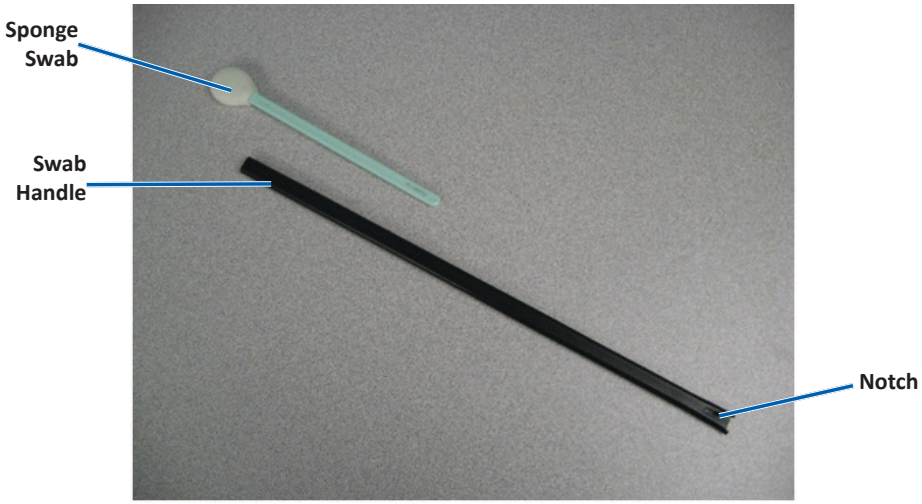
1. Access the **sensors**.
   a. Press the two **side cover latches** to release the side cover.
   b. Lower the **side cover**.
   c. Open **latch 1**.
   d. Remove the **print ribbon carrier**. For specific instructions, refer to the *Remove the Print Ribbon* procedure on page 17.
   e. Remove the retransfer ribbon carrier. For specific instructions, refer to the *Remove the Retransfer Ribbon* procedure on page 20.
2. Power off the **printer, autoloader or AutoPrinter**. Refer to the *Power On and Off the Everest 600 Printer* section on page 10 for instructions.

Important! Do not clean the printer sensors until the printer is completely powered off.

3. Locate the **sensors**.
   - Print ribbon sensor
   - Upper sensor
   - Lower sensor



4. Locate the **swab handle** found in the Everest Cleaning Kit. Remove the sponge swab from the swab handle if necessary.



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.

5. Clean the **sensors**.
   a. Position the **slotted end of the swab handle** by the sensor. Refer to page 27 for the sensors' location.
   b. Position the **can of compressed air's nozzle** in the unnotched end of the handle.
   c. Blow **compressed air** in to the end of the handle for one to two seconds.
   d. Repeat two to three times.
   e. Repeat for **each of the three sensors.**

6. Prepare the **Printer** for use.
   a. Replace the **print ribbon carrier**.
   b. Replace the **retransfer ribbon carrier**.
   c. Close the **latches**.
   d. Close the **cover**.

The printer is ready for use.