



QUICK START GUIDE:

LUMINARIS²⁰⁰



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TABLE OF CONTENTS

LUMINARIS 200 WHITE TONER TRANSFER PRINTER	3
MACHINE GUIDE.....	4
Exterior: Front View	4
Exterior: Rear View.....	5
Interior	6
Control Panel	7
UNPACKING AND INSTALLING CONSUMABLES	8
LOADING PAPER.....	10
BYPASS TRAY OPERATION	12
CABLE CONNECTIONS	13
WIRELESS SETUP	14
Easy Setup Using the Wi-Fi Setup Wizard	14
Easy Setup Using the WPS Button.....	17
Easy Setup Using a PIN Code	19
LUMINRIP SOFTWARE INTRODUCTION.....	23
USING THE LUMINRIP SOFTWARE (SUMMARY).....	25
Queues	27
PRINTING OVERSIZED IMAGES?.....	28
LUMINRIP SOFTWARE INSTALLATION.....	29
For Mac	29
For Windows	30
Activating the LuminRIP Software.....	31
FIRST TIME SETUP	31
TONER CARTRIDGE REPLACEMENT GUIDE	33
MAINTAINING YOUR PRINTER	34
Replacing the Print Cartridges.....	34
Replacing the Waste Toner Bottle	38
Cleaning the Toner Density Sensor and the LD Unit Dust Shield.....	42
Cleaning the Registration Roller	43
Remove Paper Jams	45
LUMINARIS 200 SYSTEM SPECIFICATIONS	49

LUMINARIS 200 WHITE TONER TRANSFER PRINTER

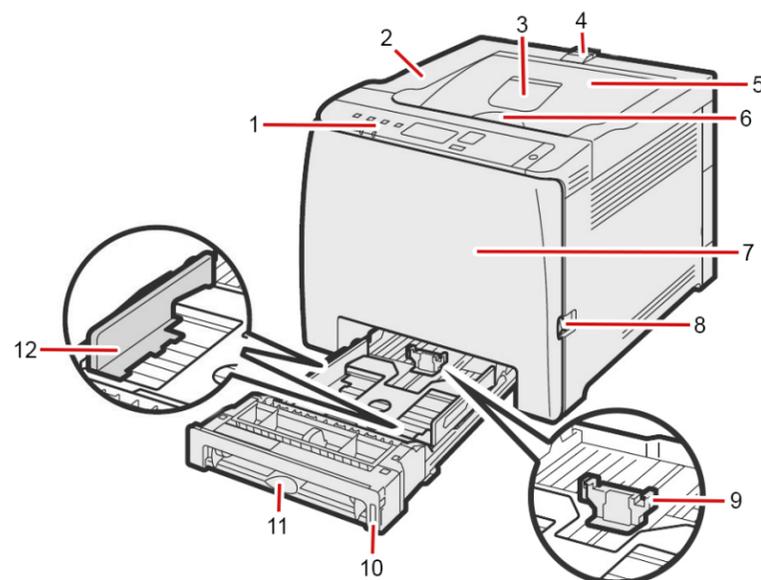
The Ricoma Luminaris 200 printer has been developed with the latest printing technology to produce high-quality color prints that can be transferred onto soft and hard surfaces. It comes with a total of 5 toner cartridges, including our exclusive fluorescent white cartridge. Your CMYK (cyan, magenta, yellow and black) cartridges are used for everyday office printing, while the additional white cartridge is used for garment printing.

What makes the Luminaris 200 White Toner Transfer Printer unique?

- You can replace your white toner with black toner and use the Luminaris 200 as an office printer.
- No messy, ink-based maintenance is needed.
- Large array of media available for virtually any project.
- Get support anytime you need with Ricoma's Support team seven days a week and after-hours.

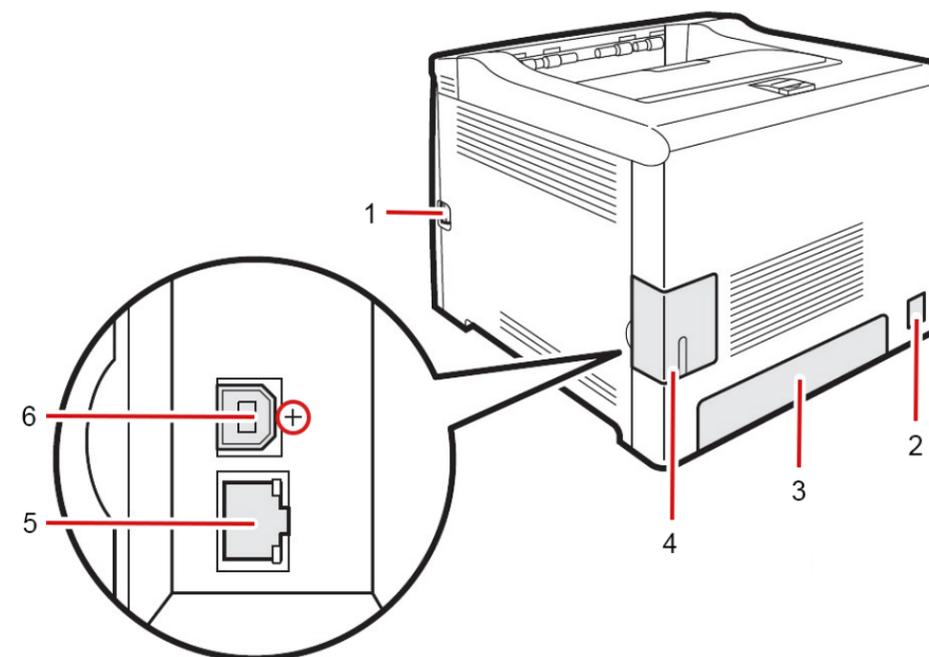
MACHINE GUIDE

Exterior: Front View



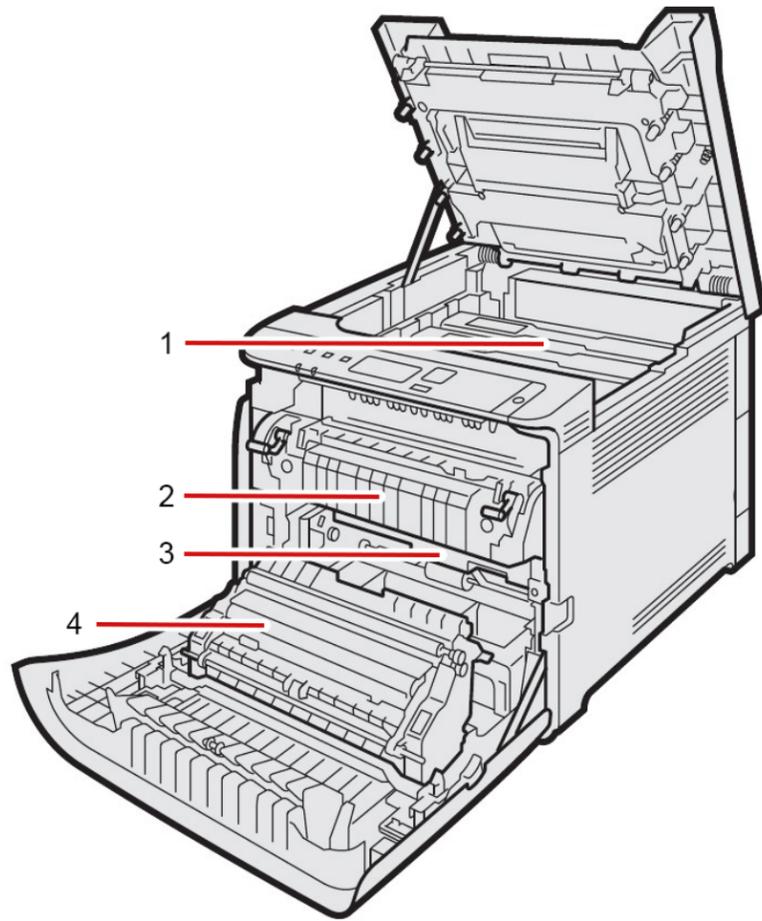
No.	Name	Description
1	Control Panel	Contains buttons and icons to run the printer and show its status.
2	Top Cover	An extension that helps support prints that come out curled. You can use t Print cartridges are held under this cover his tray by pushing down on the end of the tray near the rear of the machine.
3	Standard Tray Extension	An extension that helps support prints that come out curled. You can use this tray by pushing down on the end of the tray near the rear of the machine.
4	Stop Fences	This fence prevents printed paper from falling down when you print in large quantities. You can adjust the fence for A4/Letter paper or Legal-size paper.
5	Standard Tray	Finished prints are placed here with the print side down.
6	Top Cover Open Lever	Push this lever to open the top cover and replace the print cartridges.
7	Front Cover	Cover over the waste toner bottle. Can be opened to replace the waste toner bottle or remove a paper jam.
8	Front Cover Open Lever	Lever on the right side of machine used to open the front cover.
9	End Fence	End point that should be adjusted depending on the paper size.
10	Tray 1	Main tray that can hold up to 250 sheets of paper.
11	Bypass Tray	Extra tray where you can load 1 sheet at a time.
12	Side Fence	Side fence that should be adjusted to the size of the paper you use.

Exterior: Rear View



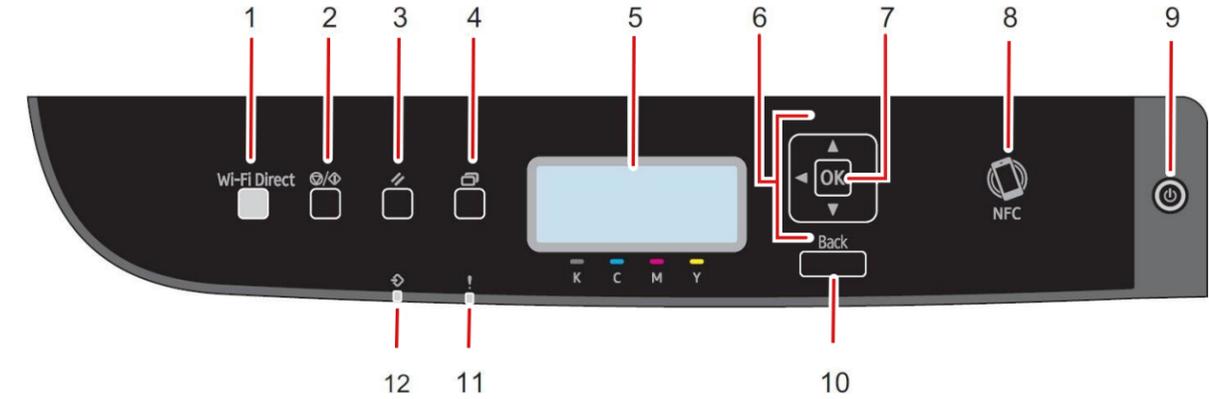
No.	Name	Description
1	Front Cover Open Lever	Lever on the right side of the machine that is used to open the front cover of the printer.
2	Power Socket	Socket used to connect the power cord to the printer.
3	Rear Cover	Cover over Tray 1. This cover needs to be removed if you load paper longer than A4 into Tray 1.
4	Cable Cover	Cover that protects cable ports. When plugging cables into the printer, this cover will need to be removed.
5	Ethernet Port	Port used to connect your printer to a network.
6	USB Port	Port used to connect your printer to a computer.

Interior



No.	Name	Description
1	Print Cartridge	Where cartridges are placed inside the printer.
2	Fusing Unit	Area where toner is fused to the paper.
3	Waste Toner Bottle	Bottle that collects toner that is wasted during the printing process.
4	Transfer Unit	Unit that moves paper out of the printer as it is printed.

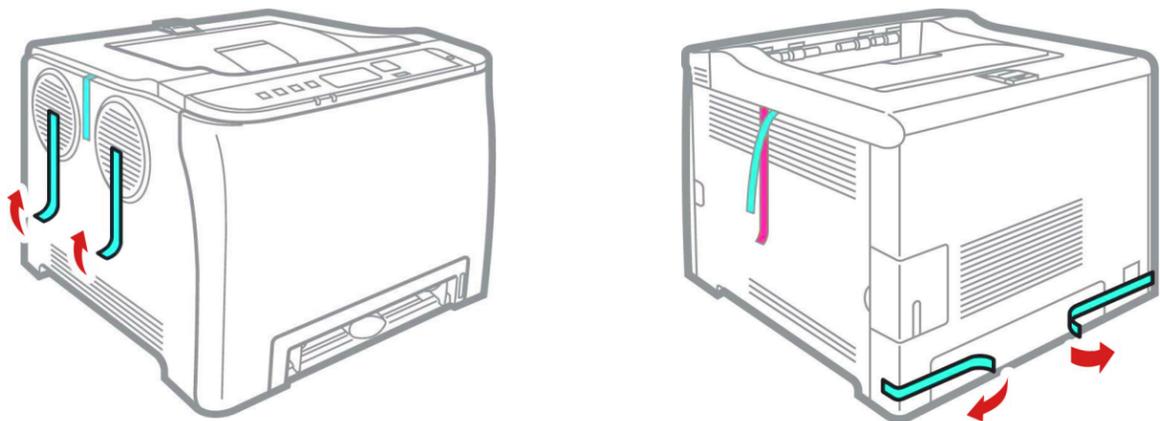
Control Panel



No.	Name	Description
1	Wi-Fi Direct Key	Activates or deactivates printer Wi-Fi. When you press this key while Wi-Fi is disabled, it activates the machine's Wi-Fi capabilities and reboots the printer automatically. If the indicator light is blue, then the Wi-Fi Direct function is active.
2	Stop/Start Key	Starts or stops receiving incoming data from the computer your printer is connected to.
3	Job Reset Key	Cancels the current job being printed.
4	Menu Key	Accesses the printer's settings.
5	Display	Where you can see the current status of the printer and any important messages.
6	Scroll Key	Moves the cursor on the printer's display.
7	OK key	Confirms printer settings.
8	NFC	Connects the printer with a smart device that also has NFC.
9	Power Key	Turns the printer on and off. To turn off your printer, hold the Power Key for 3 seconds. When the printer is on, the Power Key light will turn blue.
10	Back Key	Cancels the last operation or returns to a previous page on the main menu.
11	Alert Indicator	This indicator flashes red when an error occurs. If it flashes yellow, that means your toner is low.
12	Data In Indicator	This indicator flashes when your printer is plugged into a computer and is receiving data. If the indicator light stays on, that means there is currently a print file stored on the machine.

UNPACKING AND INSTALLING CONSUMABLES

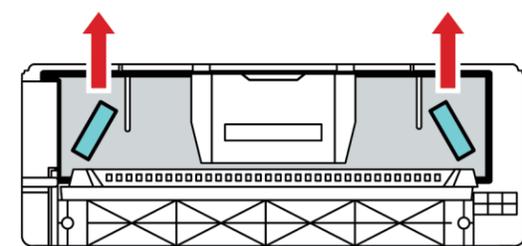
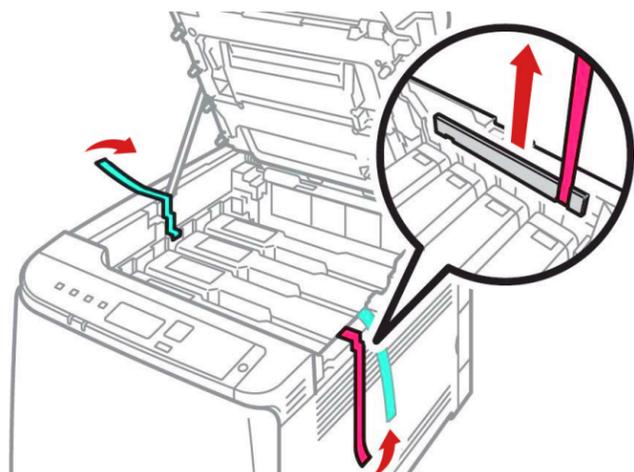
1. Remove security tape and packing materials from around the printer.



2. Open top lid.



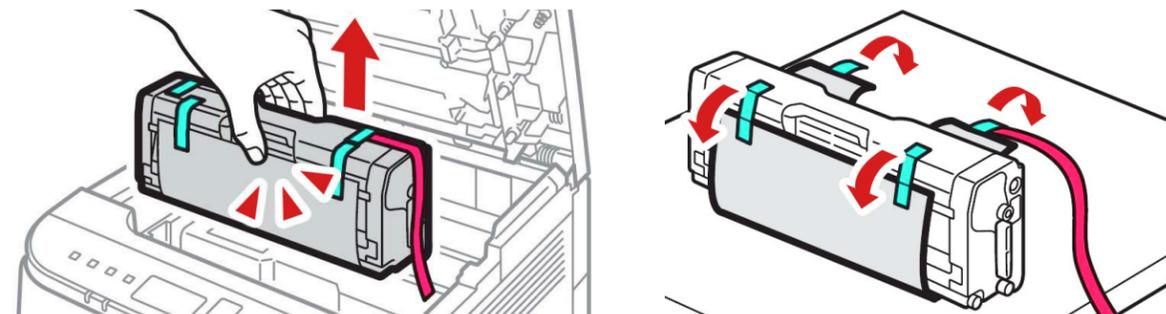
3. Remove plastic security tape and packing materials from inside the printer.



4. Remove the film from the toner prior to turning it on.

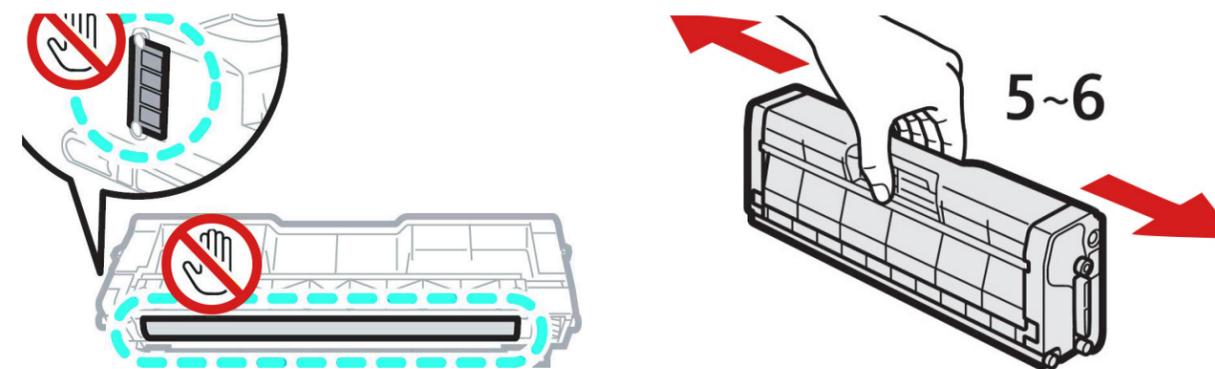
4. Remove the white toner cartridge from the front of the machine.

- Place it on a flat, solid surface and carefully remove the black security paper.



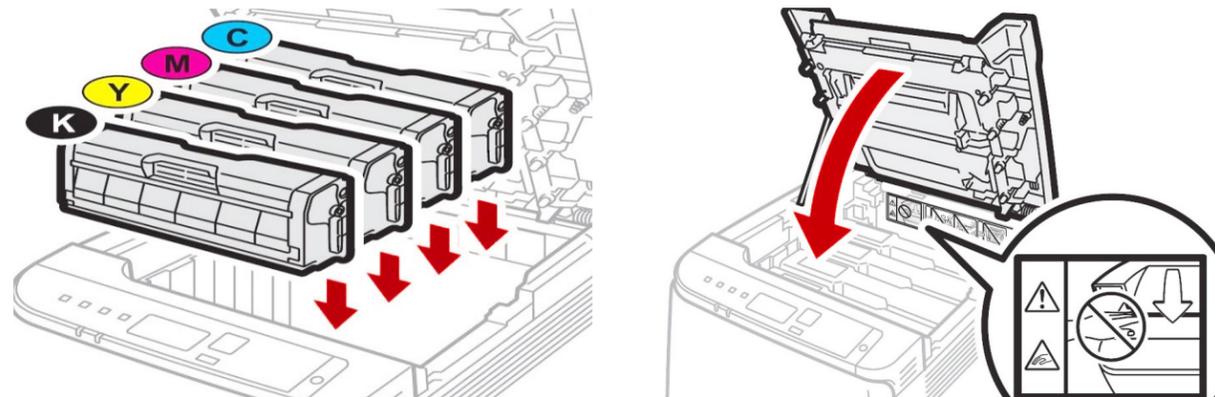
5. Be careful not to touch the drum of the cartridges on the side of the cartridge.

- Remove each cartridge and gently shake them back and forth 5 or 6 times to loosen the toner that may be settled in the cartridge due to shipping.



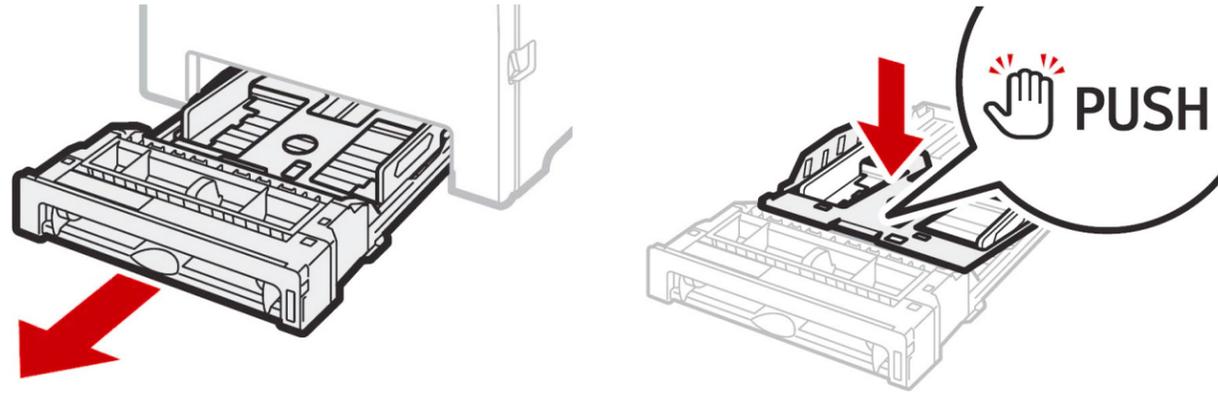
6. Reinstall the cartridges in the desired configuration (in the above representation, white or black can go into the first slot) and close the lid.

- Use white for transfer printing and black for normal CMYK printing.
- The black cartridge is packed separately in the box for your convenience.

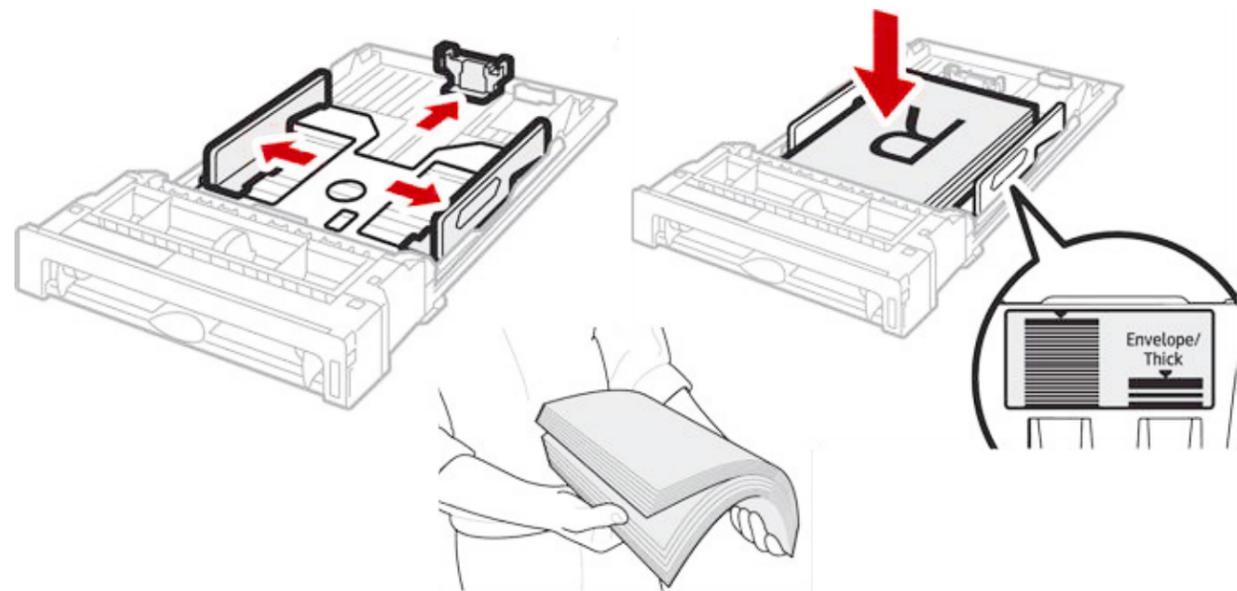


LOADING PAPER

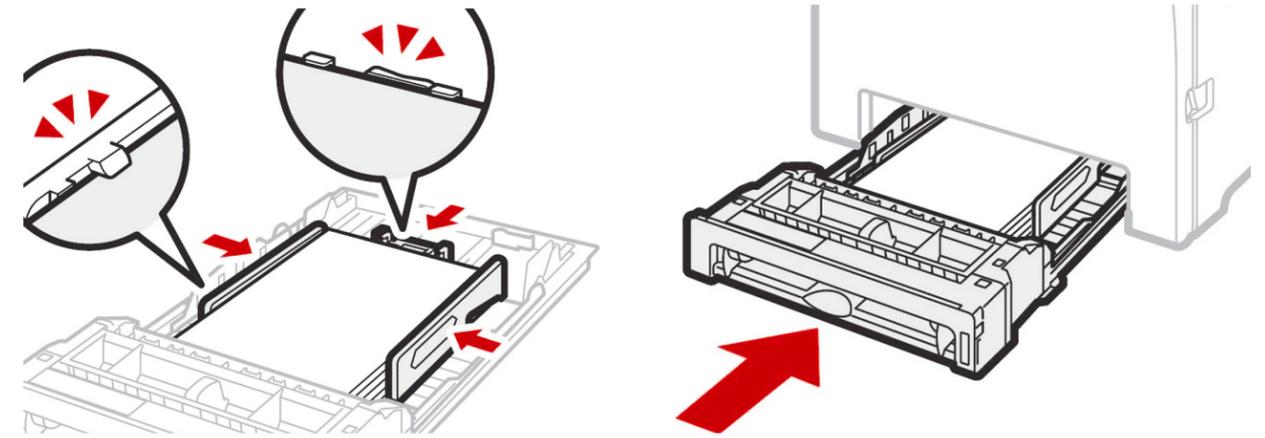
Incorrect transfer media should NOT be used at any time.



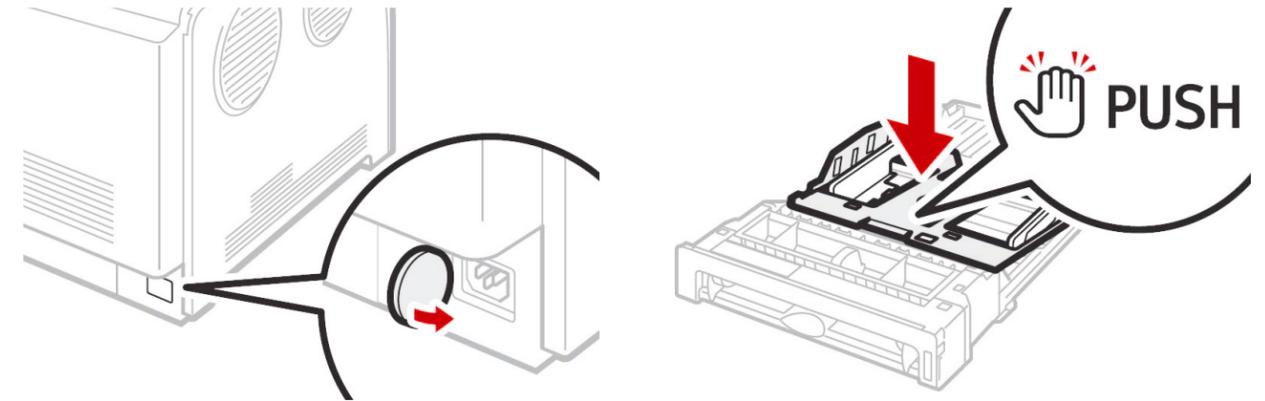
- Pull out the paper cassette and push down the metal base.
- This tray is referred to as 'Tray 1'



- Squeeze the clips on the paper guides and slide them to match the paper size. Do not move the paper guides forcefully. Doing so may damage the tray.
- Media is loaded with the print side facing up. Ensure the paper stack does not exceed the upper limit mark inside the paper tray. Excess stacking can cause paper jams.
- Fan paper or media before loading.

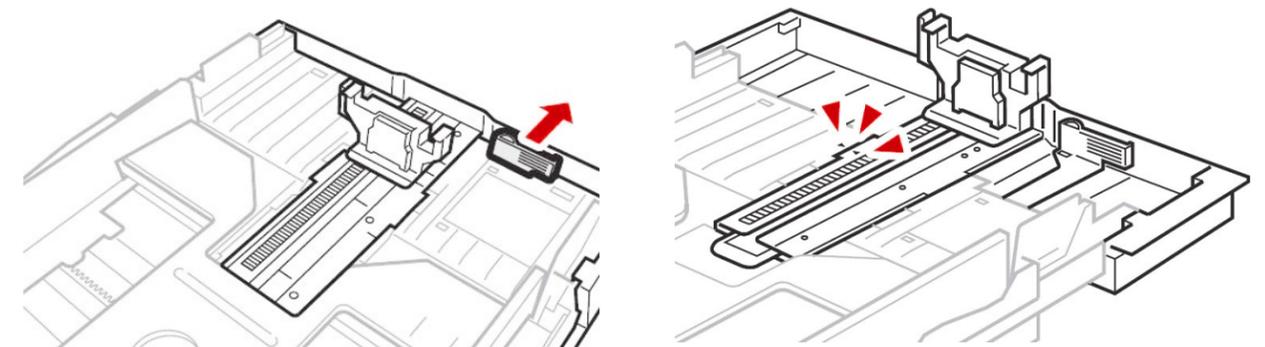


- Ensure the side and back guides are snugly set against and over the media or a jam can occur.
- Close the paper tray.



When loading paper longer than 11 inches into Tray 1, remove the lower rear cover using a coin.

- Remove Tray 1 with both hands and place on a flat surface.
- Push the metal plate down until it clicks.



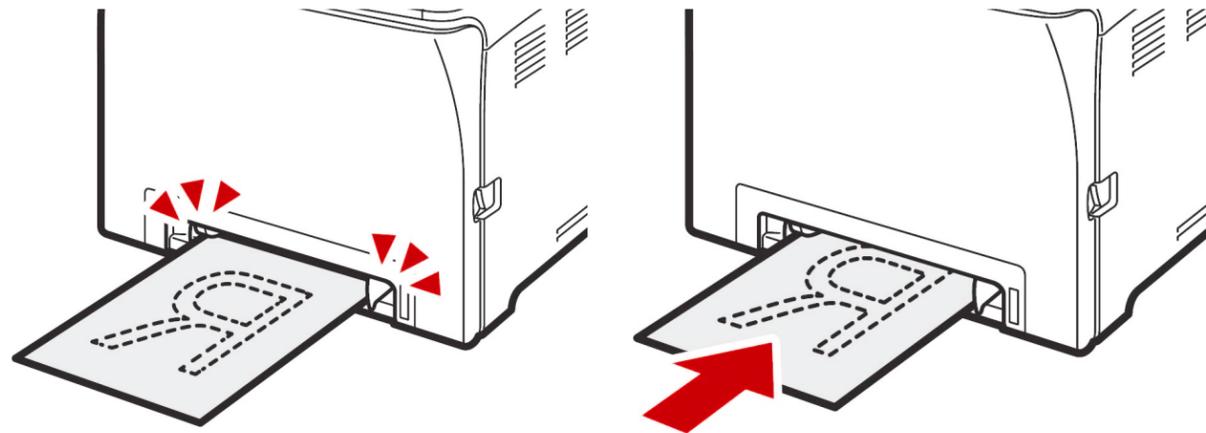
- Pinch the extender, and then pull it out until it clicks into place to accommodate lengths up to 14 inches long.
- After you extend the tray, check that the arrows on the extender and tray are aligned.

- The tray will protrude from the back of the printer, but that is normal.
- To reinsert the extender, you might have to push it with moderate force.
- Maximum paper length is limited to 14 inches long. Use of longer papers can lead to jams.

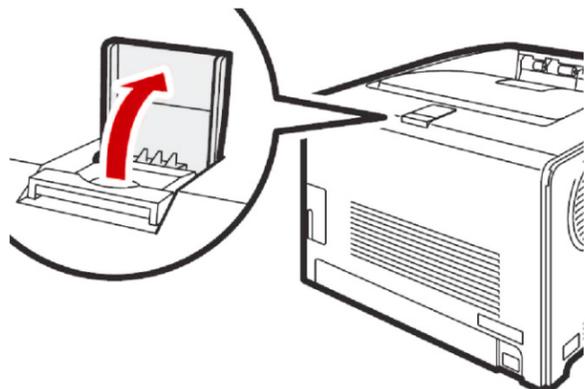
Remember to also set the side guides in accordance with the width of the paper used.

NOTE: Do not extend this tray when loading A4 or letter size paper. Otherwise, a paper jam may occur.

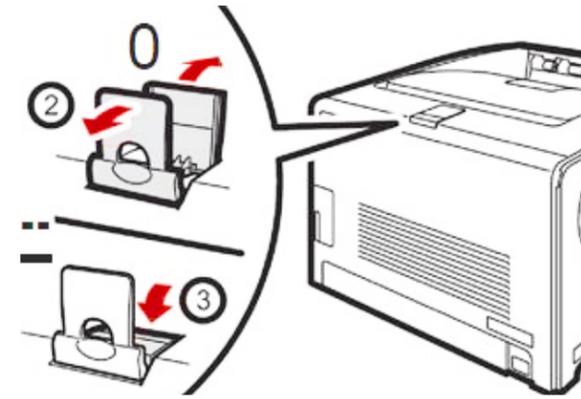
■ BYPASS TRAY OPERATION



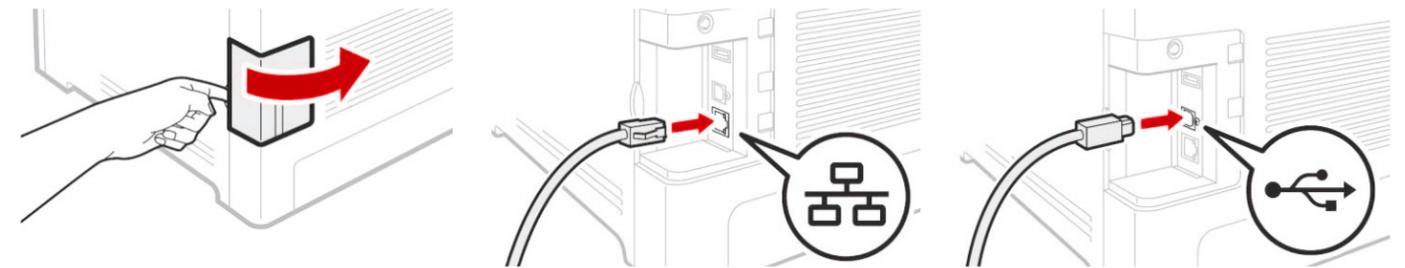
- To use the bypass tray, load paper with the print side down in the short-edge feed direction.
 - You cannot load paper into the bypass tray while the machine is in Energy Saver mode.
- Adjust the paper guides to the paper size. Support the paper with both hands and insert it carefully until it stops.
- The printer tray will “engage” or accept the paper by pulling it in about half (½) an inch.
- Curled paper may jam, so straighten curled paper or any bent edges before loading.
- Duplex printing is not possible.
- Tray 1 will become unavailable for the next print if paper is loaded into the bypass tray.
- Pull up the retainer as shown below to prevent A4- or Letter-size prints from falling out.



- Pull up the retainer to prevent Legal-size prints from falling out.

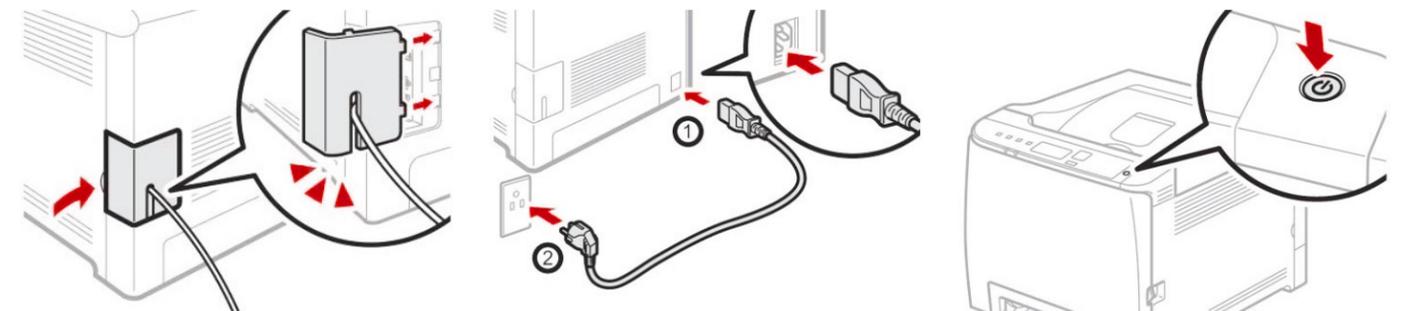


■ CABLE CONNECTIONS



- Open the side panel to reveal the communication ports.
- Insert either the USB or Ethernet cable, depending on how you wish the RIP to communicate with the printer.
- NEVER use both ports at the same time.

NOTE: If you are connecting via Wi-Fi, it is not necessary to connect either the USB or Ethernet cable.



- Feed the cable through the cover and reinstall it.
- Insert power cord and power on the printer.

WIRELESS SETUP

Easy Setup Using the Wi-Fi Setup Wizard

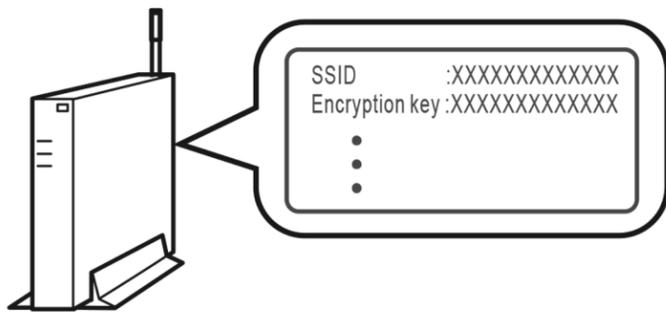
From the control panel of this machine, you can also configure the wireless LAN settings for the machine.

Note:

- The following item is necessary to set up a wireless connection.
- Router (access point)

Checking the SSID and Encryption key

The SSID and Encryption key for the router (access point) may be printed on a label affixed to the router (access point). For details about the SSID and Encryption key, refer to the router (access point) manual.



Confirm the SSID and Encryption key, and write them down on the blank space as shown below.

SSID:

Encryption key:

Configuring Settings Using the Control Panel

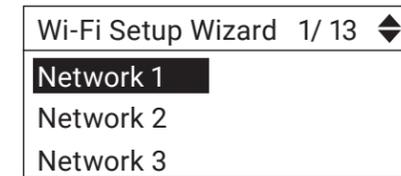
Important

- Make sure the Ethernet cable is not connected to the machine.

1. Check that the router (access point) is working correctly.
2. Press the [▼] or [▲] key to select [Wireless (Wi-Fi)], and then the [OK] key.



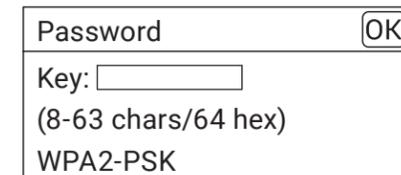
3. Press the [▼] or [▲] key to select SSID of the router (access point) from the searched SSID list, and then press the [OK] key.



4. Press the [▼] or [▲] key to select the authentication method, and then press the [OK] key.
The next steps differ depending on the authentication method that you have selected. Proceed to Step 5 of the appropriate section.
 - If the authentication method is set to [WPA2-PSK] or [Mixed Mode WPA2/WPA] ▶ **A**
 - If the authentication method is set to [Open system] or [Shared Key] ▶ **B**

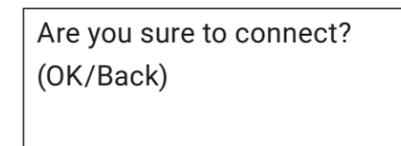
A Connecting to devices using the WPA2-PSK or Mix Mode WPA2/WPA authentication

5. Enter the encryption key using the [▼] or [▲] key, and then press the [OK] key.

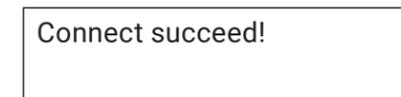


As the password, you can enter either 8 to 63 ASCII characters (0x20-0x7e) or 64 hexadecimal digits (0-9, A-F, a-f). For details about checking the encryption key, see "Checking the SSID and Encryption Key".

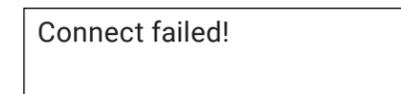
6. Press the [OK] key.



7. Check the results.
Connection was successful:



Connection has failed:



B Connecting to the devices using the Open system or Shared Key authentication

5. Press the [▼] or [▲] key to select the encryption method, and then press the [OK] key.

Encryption	1/5	OK
None		
WEP 64 bit Hex		
WEP 64 bit ASCII		

The maximum number of characters that can be entered in the encryption key field depends on the encryption method settings.

Note

- Do not select [None] except in special circumstances. If selected, the security system will not work.

6. Enter the encryption key using the [▼] or [▲] key, and then press the [OK] key.

Password	◆	OK
Key:	<input type="text"/>	
Open system		

For details about checking the encryption key, see “Checking the SSID and Encryption key”.

7. Enter the ID using the [▼] or [▲] key, and then press the [OK] key.

Password	◆	
ID :	<input type="text"/>	(Enter 1-4)

The ID is used for identifying the encryption key. You can register four encryption keys (ID 1 to 4).

8. Enter the password.

9. Press the [OK] key.

Are you sure to connect? (OK/Back)

10. Check the results.

Connection was successful:

Connect succeed!

Connection has failed:

Connect failed!

11. Press the [▼] or [▲] key to select [Quit Setup], and then the [OK] key.

12. Configuring the Wi-Fi settings is complete.

Easy Setup Using the WPS Button

Important:

- Make sure the Ethernet cable is not connected to the machine.
- In Steps 10 to 12, configure each setting within two minutes.

Note:

- The following item is necessary to set up a wireless connection.
- Router (access point)

1. Check that the router (access point) is working correctly.

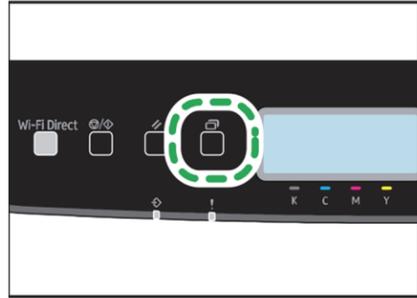
2. Press the [▼] or [▲] key to select [Wired (Ethernet)], and then the [OK] key.

Network Wizard	1/2	◆	OK
Wired (Ethernet)			
Wireless (Wi-Fi)			

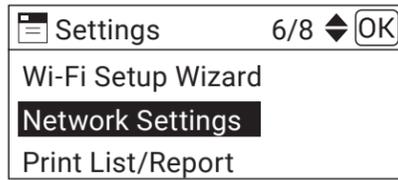
3. Press the [▼] or [▲] key to select [Quit Setup], and then the [OK] key.

Network Wizard	4/4	◆	OK
Ipv4 Configuration			
Ipv6 Configuration			
Quit Setup			

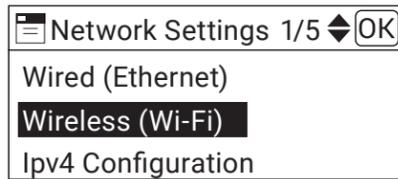
4. Press the [Menu] key.



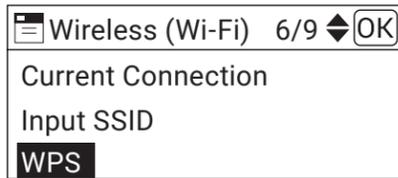
5. Press the [▼] or [▲] key to select [Network Settings], and then press the [OK] key.



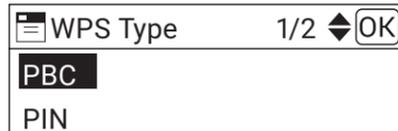
6. Press the [▼] or [▲] key to select [Wireless (Wi-Fi)], and then press the [OK] key.



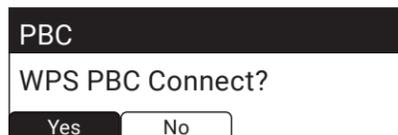
7. Press the [▼] or [▲] key to select [WPS], and then press the [OK] key.



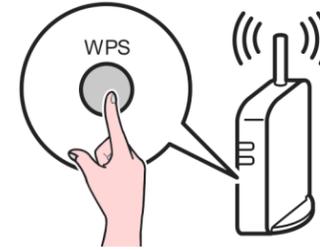
8. Press the [▼] or [▲] key to select [PBC], and then press the [OK] key.



9. Press the [◀] or [▶] key to select [Yes], and then press the [OK] key.



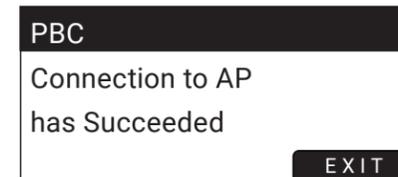
10. After "Connecting..." appears, press the WPS button on the router (access point) within two minutes.



- For details about how to use the WPS button, refer to the manuals for the router (access point).

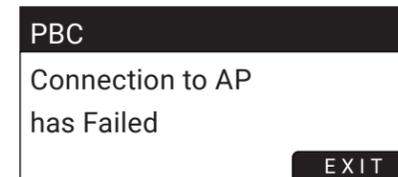
11. Check the results.

Connection was successful:



- Press the [OK] key to return to the screen displayed in Step 6, and then press the [Menu] key to return to the initial screen.

Connection has failed:



- Press the [OK] key to return to the screen displayed in Step 6. Check the configuration for the router (access point), then try the connection again.

12. Configuring the Wi-Fi settings is complete.

Easy Setup Using a PIN Code

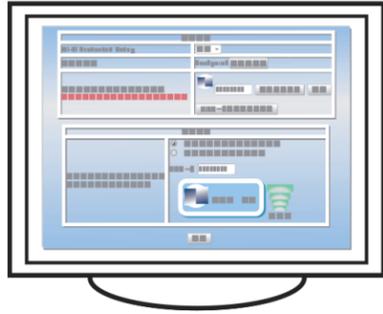
Important:

- Make sure the Ethernet cable is not connected to the machine.
- In Steps 11 to 13, configure each setting within two minutes.

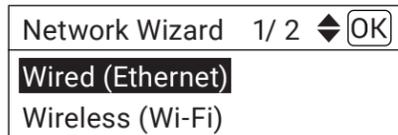
Note:

- To establish a connection using the PIN code, use a computer that is connected to the router (access point).
- The following item is necessary to set up a wireless connection.
 - Router (access point)

1. Check that the router (access point) is working correctly.
2. Open the PIN code configuration window (web page) for the router (access point) on your computer.



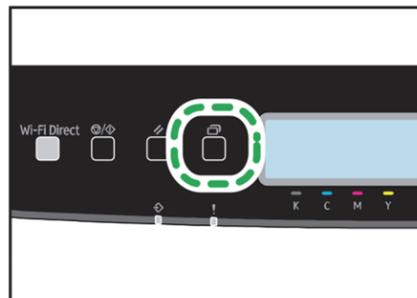
3. Press the [▼] or [▲] key to select [Wired (Ethernet)], and then the [OK] key.



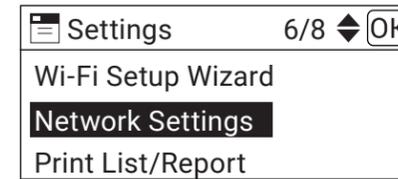
4. Press the [▼] or [▲] key to select [Quit Setup], and then the [OK] key.



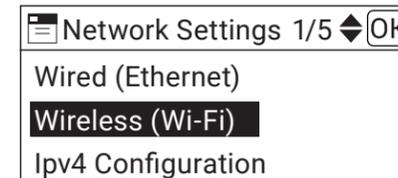
5. Press the [Menu] key.



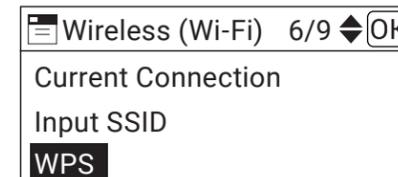
6. Press the [▼] or [▲] key to select [Network Settings], and then press the [OK] key.



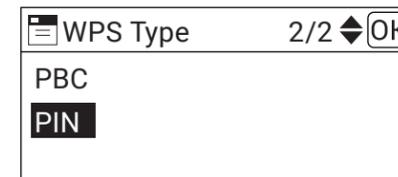
7. Press the [▼] or [▲] key to select [Wireless (Wi-Fi)], and then press the [OK] key.



8. Press the [▼] or [▲] key to select [WPS], and then press the [OK] key.



9. Press the [▼] or [▲] key to select [PIN], and then press the [OK] key.

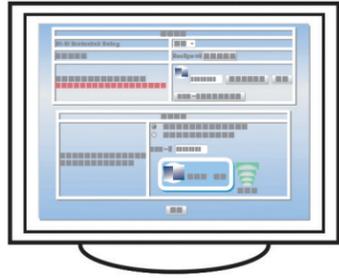


10. Check the PIN code.

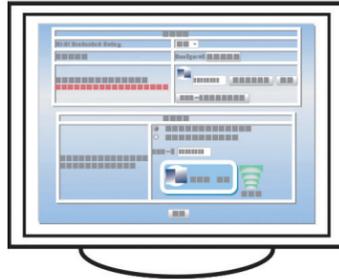


Write down the PIN code in case you might forget it.

11. Enter the machine's PIN code (8 digits) on the router's (access point) web page (The web page accessed in Step 2).



12. Execute WPS (PIN system) from the router's (access point) web page.



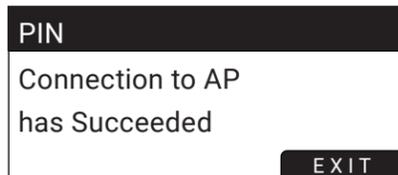
13. Press the [◀] or [▶] key to select [Connect], and then press the [OK] key.



"Please wait for 2 minutes" appears and connecting with PIN method starts.

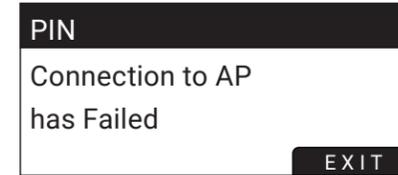
14. Check the results.

Connection was successful:



• Press the [OK] key to return to the screen displayed in Step 6, and then press the [Menu] key to return to the initial screen.

Connection has failed:



• Press the [OK] key to return to the screen displayed in Step 6. Check the configuration for the router (access point), then try the connection again.

15. Configuring the Wi-Fi settings is complete.

LUMINRIP SOFTWARE INTRODUCTION

The LuminRIP software allows you to control every aspect of the printing process, including manipulating and cutting your images. For example, the cutting tool available on LuminRIP allows you to print oversized images on multiple pages.

The software does this by automatically choosing the best cut point depending on the design and the color of the garment it will be transferred onto. Unlike other software that would have to separate its image editing software and cutting software, LuminRIP has both features in one easy-to-use application.

Print and Transfer onto:

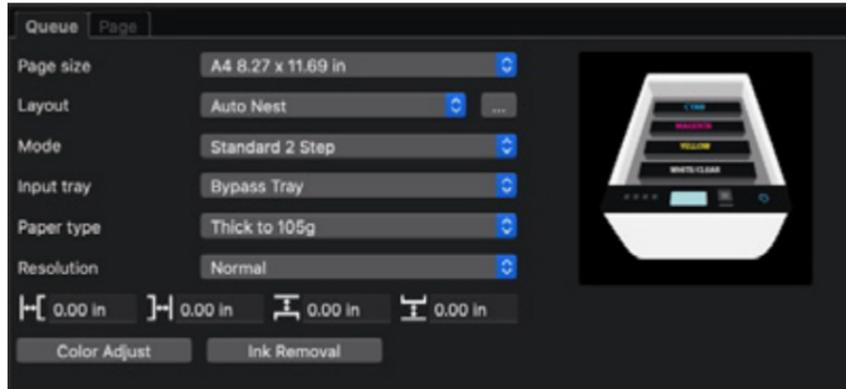
- Natural and synthetic fabric (Light and Dark)
- Mugs and ceramics
- Light, dark and clear labels
- Leather
- Light and dark paper stock
- Glass
- Acrylic
- Wood
- Metal
- Window Cling
- Banners
- And much more!

Create unique items - The possibilities are endless!

- T-shirts and sweatshirts
- Aprons
- Corporate logo shirts
- Mouse pads
- Sports apparel
- Jackets
- Tote bags
- Tattoos
- And much more!

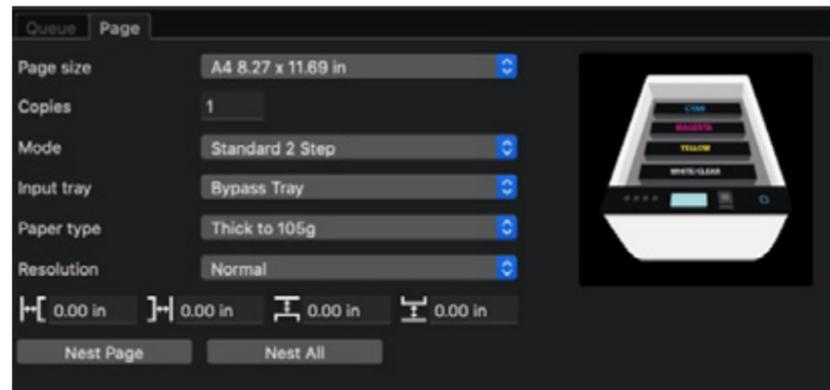
USING THE LUMINRIP SOFTWARE (SUMMARY)

The LuminRIP software has three main features that help you control what happens to your design before you send it to print. These three features are the **Queue**, **Page** and **Job** tabs.



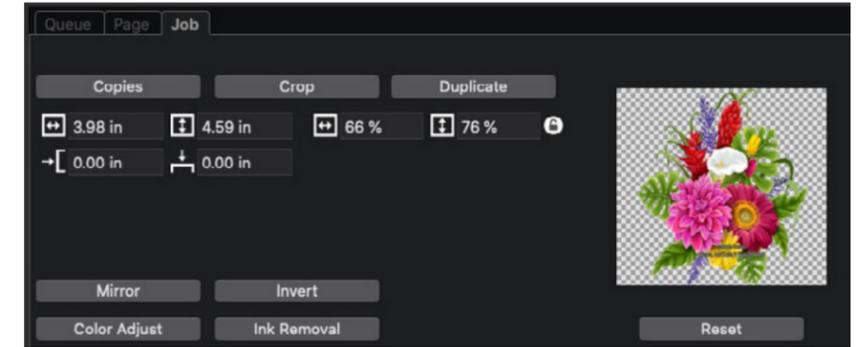
The **Queue tab** allows you to apply settings that affect every print job going forward. If you have multiple photos in your queue and decide to print them back-to-back, the settings you have saved in your queue will transfer to each of those print jobs if you do not change the settings of the individual job. In this tab, you can control:

- Page Size
- Layout
- Mode
- Input Tray
- Paper Tray
- Resolution
- Positioning Tools



The **Page tab** allows you to control the aspects of your page and how your image will look on the page you will be printing on. In this tab, you have access to the following features:

- Page Size
- Copies
- Mode
- Input Tray
- Paper Tray
- Resolution
- Positioning Tools
- Nest Page
- Nest All



The **Job tab** allows you to adjust and edit the image or design you are working with before you send it to print. In this tab you have access to the following tools:

- Copies
- Crop
- Duplicate
- Color Adjust
- Ink Removal
- Invert
- Reset
- Dimension and Placement Tools

QUEUES

The **Queue**, **Page** and **Job** tabs can be used to adjust images in the **CMYK** printing queues below:

Name	Status	Mode	Copies	Printer	Page size	Submitted
Split	Pending	Standard	1	Ricoma	A4 8.27	02:58:15 PM
Seamless	Pending	Standard	1	Ricoma	A4 8.27	02:58:12 PM
Flower2	Pending	Standard	1	Ricoma	A4 8.27	02:49:46 PM

Printing queues help you manage printer pages and jobs, so you can easily manage your designs individually.

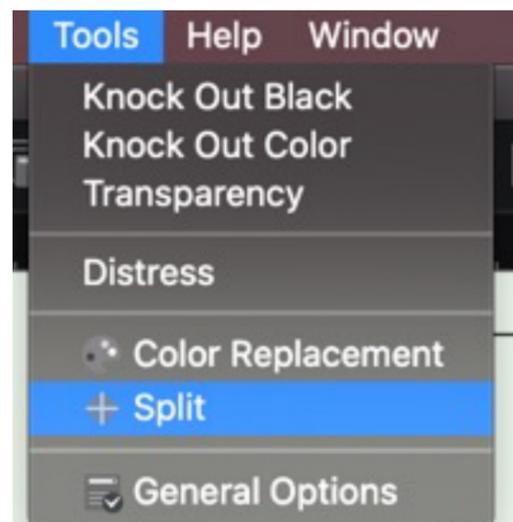
To remove an item from any of your queues, right-click the item you wish to delete and select the "Remove" option.

Name	Status	Mode	Copies	Printer	Page size	Submitted
Transpari	Pending	Generic	1	Ricoma	A4 8.27	02:59:14 PM
Seamless	Pending	Generic	1	Ricoma	A4 8.27	02:59:11 PM
Split 3	Pending	Generic	1	Ricoma	A4 8.27	12:59:11 PM

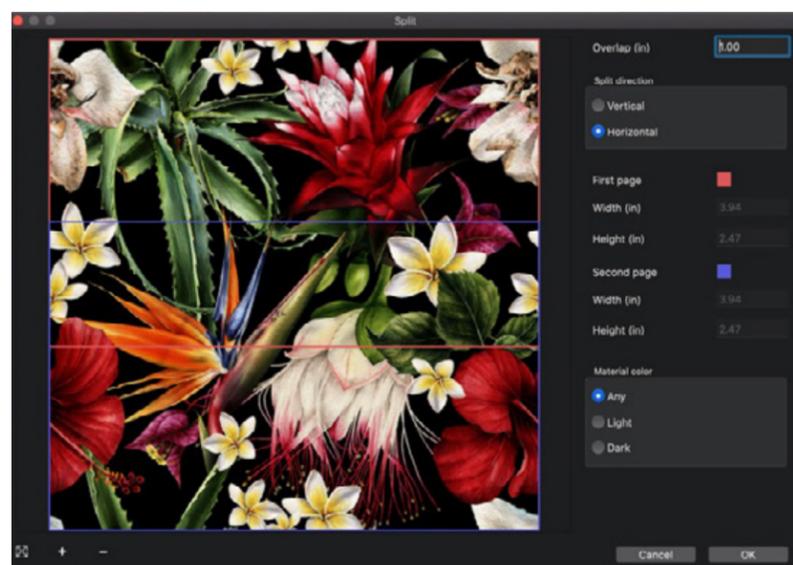
To learn more about the tools featured in these sections and how you can use them to edit, refine and prepare your image for printing, see the LuminRIP Software Manual.

PRINTING OVERSIZED IMAGES

In addition to controlling the entire printing process, LuminRIP can also help you print large images you otherwise would not be able to print. This allows owners of smaller printers to gain the benefits that owners of larger printers have. The LuminRIP software allows you to do this by using the “Split” tool. To access this feature, click “Tools” and then “Split”. Or click on the Split icon.



With this feature, the software will automatically find the best cut point on the image and split it. This allows you to print images larger than a single sheet of media. That way you can cut the design into pieces in the software and then align the pages to create one cohesive image.

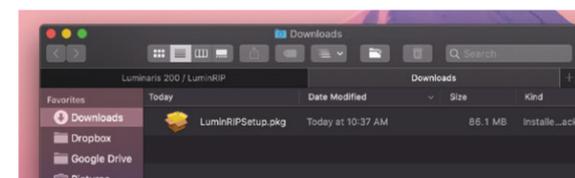


LUMINRIP SOFTWARE INSTALLATION

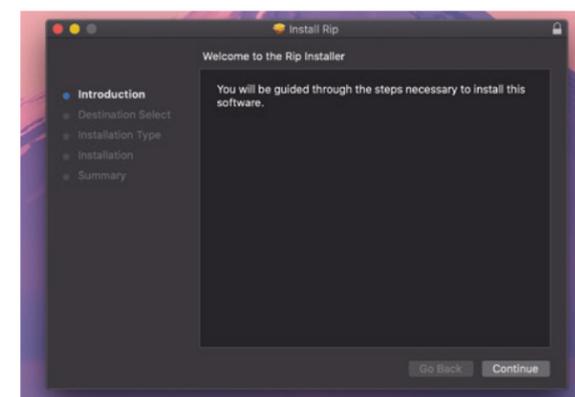
Installing the LuminRIP Software On Mac Or Windows

For Mac

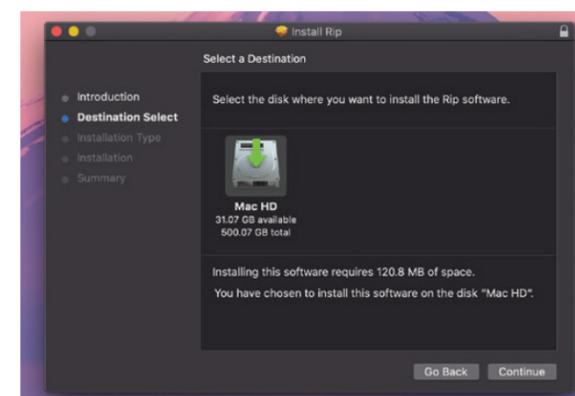
1. Click on the software link you were provided with your Luminaris 200 printer purchase. This will download the software setup file.



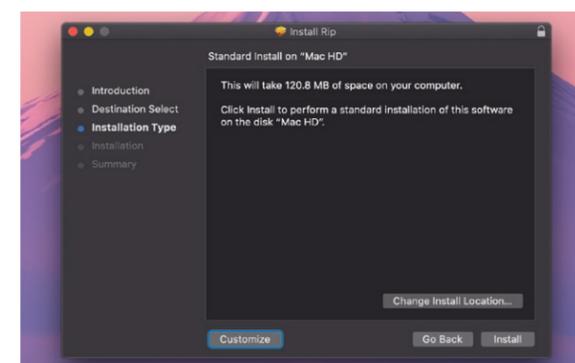
2. Find the setup file in your downloads and click on it to open it.



3. Click “Continue” to be guided through the steps necessary to install the software.



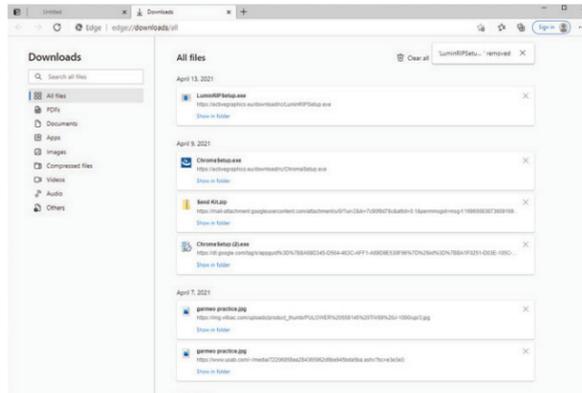
4. Select the disk where you want to install the RIP software.



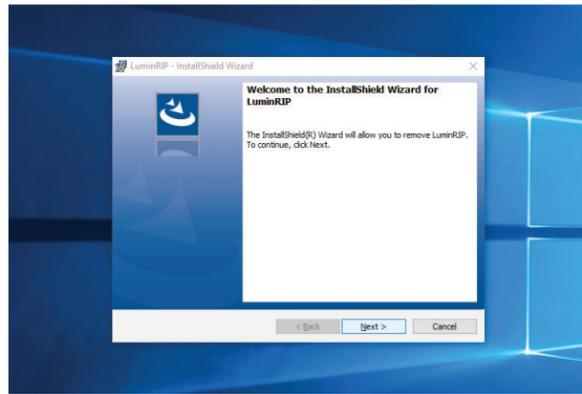
5. If you want to change the installation location, click “Change Install Location...” Once you are ready, click “Install”.
6. The screen will now say that the software was installed successfully. Click “Close” to exit.

For Windows

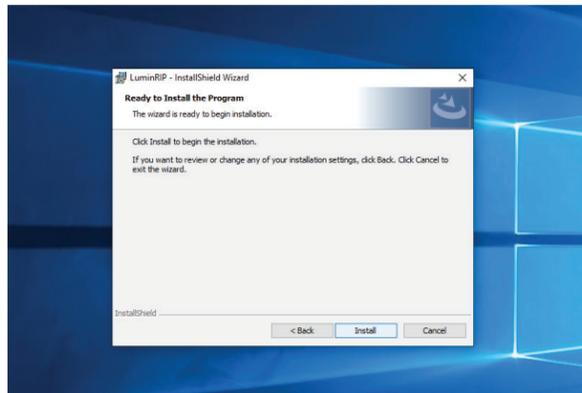
1. Click on the software link you were provided with your Luminaris 200 printer purchase. This will download the software setup file.
2. A window will pop up saying “Do you want to allow this app to make changes to your device?” Click “Yes”.



3. If the installation window doesn't open automatically, find the setup file in your downloads and click on it to open it.



4. The InstallShield Wizard for LuminRIP will now open. To continue, click “Next”.

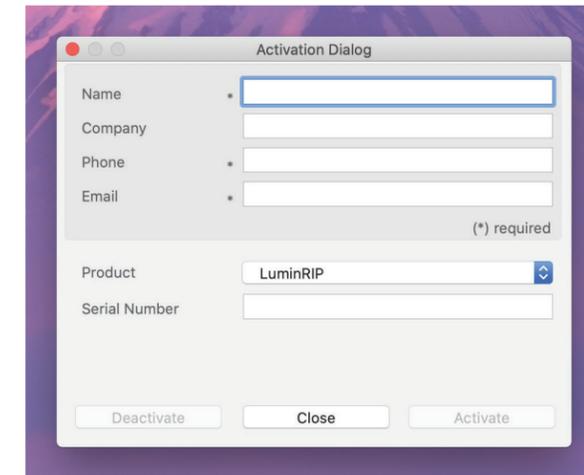


5. Click “Install” to begin installation.

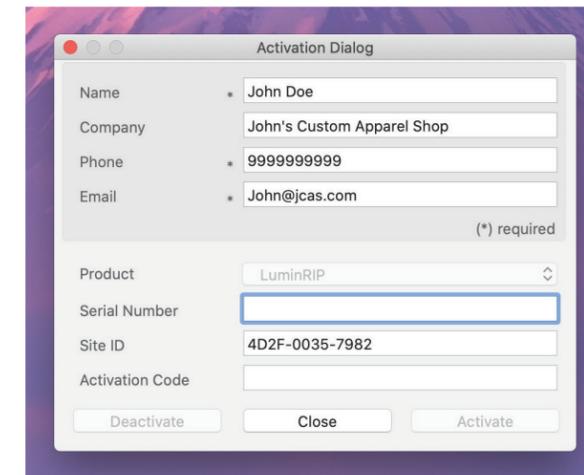
6. Once LuminRIP has been successfully installed, click “Finish” to exit the wizard.

Activating the LuminRIP Software

1. Find LuminRIP on your computer and click on it to open the software.



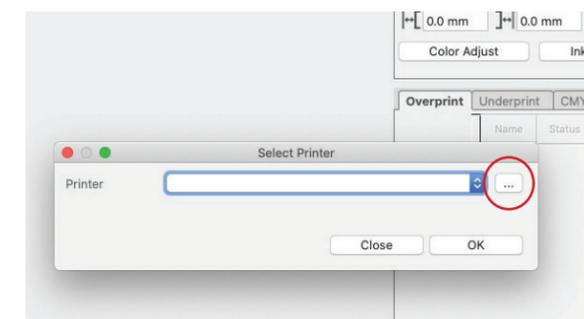
2. To activate via internet, fill in the required information in the appropriate fields, including your individual activation serial number. Then, click “Activate”.



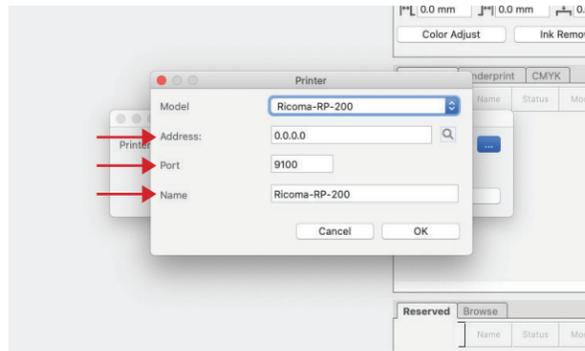
3. To activate without an internet connection, fill in the required information in the appropriate fields, including your individual activation serial number. Then, click “Activate”. You will see a warning about your internet connection. The Activation wizard dialog will now need a site key. Contact technical support to get your activation code and then click “Activate”.

FIRST TIME SETUP

1. Open the LuminRIP software.
2. When you open the software, a window will pop up asking you to select your printer.

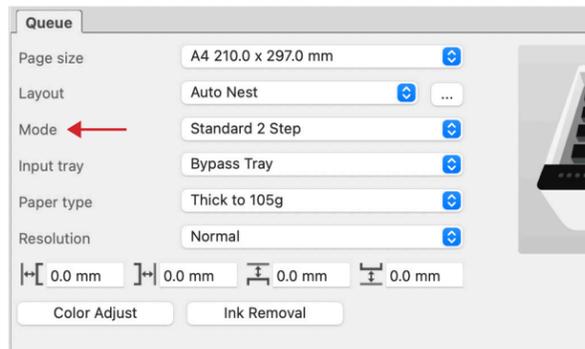


3. To add a new printer, click on the “...” button and select “Add a Printer”.

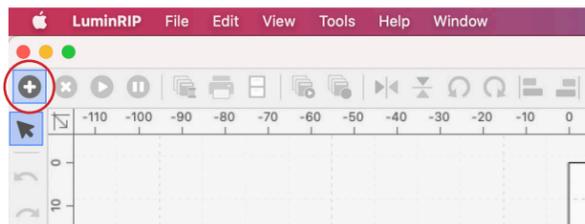


- Then, input the IP address, the Port and the name of the printer.

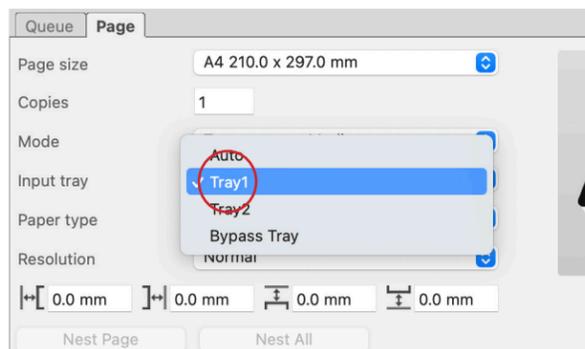
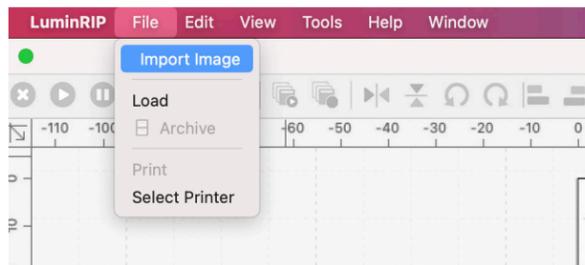
If your printer is connected to the local network, click on the search icon to auto-detect the address.



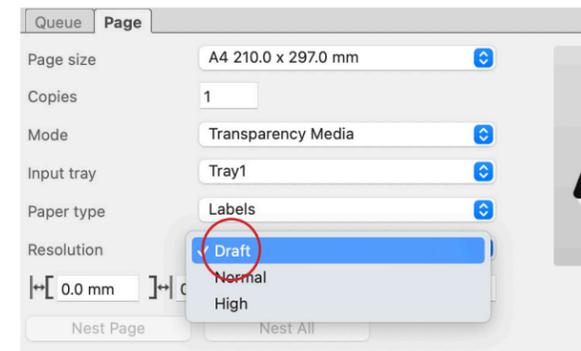
- To start, select the mode you wish to use under the Queue tab. The page size and paper type will be set automatically based on the mode selected.



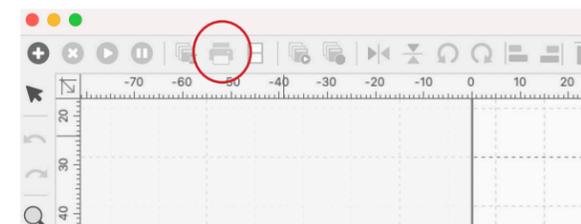
- Import the desired graphic by clicking the plus icon and navigating to the proper folder. You can also import by clicking "File" then "Import Image", or simply dragging and dropping your file into the queue.



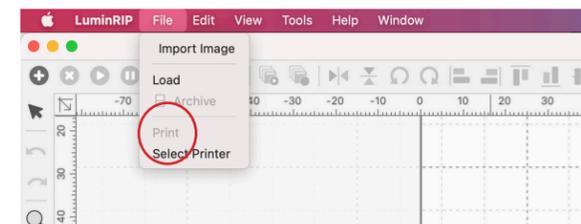
- To print a test page, make sure there is media in your tray and choose "Tray 1" under "Input tray".



- Next, change the resolution to "Draft".



- Finally, click on the printer icon in the top left corner. Or click "File" then "Print" to see if everything works properly.



TONER CARTRIDGE REPLACEMENT GUIDE

Because the Luminaris 200 features cartridge remapping, it is important that you follow these rules when determining the cartridge order inside the machine:

CMYK Queue Configuration Supplies Replacement Guide

(Typically used for reverse print applications such as garment decoration)

If Printer Display Reads:	Replace with:
Cyan low/out/empty	Cyan (Back of Printer)
Magenta low/out/empty	Magenta
Yellow low/out/empty	Yellow
Black low/out/empty	White or Black (Check which cartridge is installed: if CMYK, choose Black)

Use Genuine Ricoma Consumables

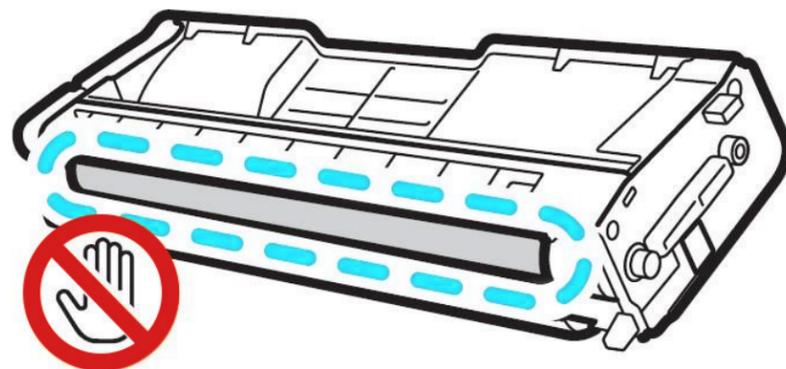
It is highly recommended that you only use Ricoma toners and other consumables on your Luminaris 200 printer. This will ensure your printer always runs smoothly and no damages occur.

MAINTAINING YOUR PRINTER

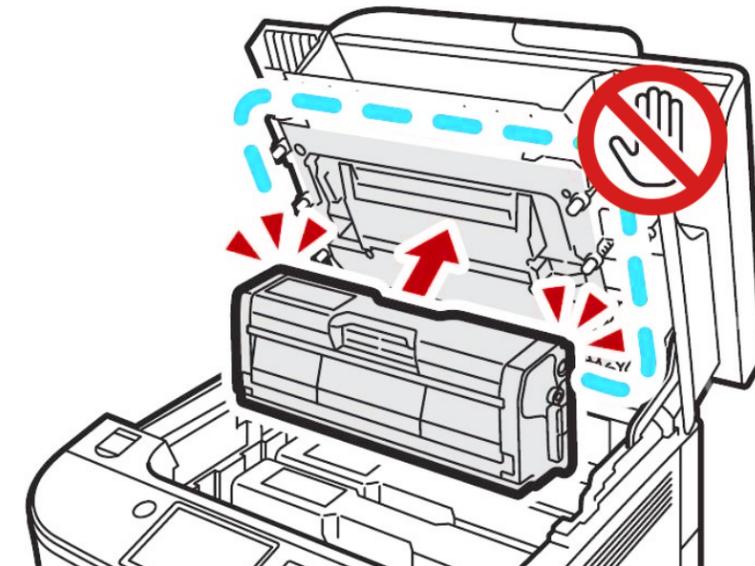
Replacing the Printer Cartridges

Quick tips before replacing your printer cartridges:

- Store your cartridges in a cool, dark place to maximize toner life.
- The actual yield of your cartridges varies on the amount of toner used to print each image, the number of pages you print, the size and type of paper you use and the temperature and humidity of the environment it is stored in.
- Ricoma is not responsible for any damages to the printer or expenses that might result from the use of parts other than genuine parts from the manufacturer.
- When the toner runs out, you can print a few more pages by pressing the [Stop/Start] key, but the print quality of those pages may be lower.
-
- Make sure paper clips, staples or other small objects do not fall inside the machine.
- Do not expose the print cartridge to direct sunlight for a long time if it does not have its cover.
- Do not touch the print cartridge's photo conductor unit or the ID chip on the side of the print cartridge as indicated in the illustration below.

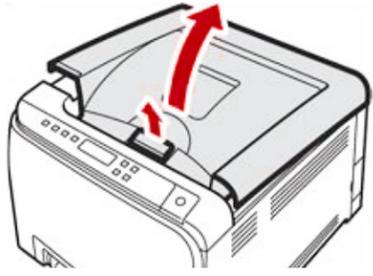


- When removing print cartridges from the Luminaris 200, be careful not to touch the laser scanning unit under the upper cover (the position shown by the arrow in the illustration below).

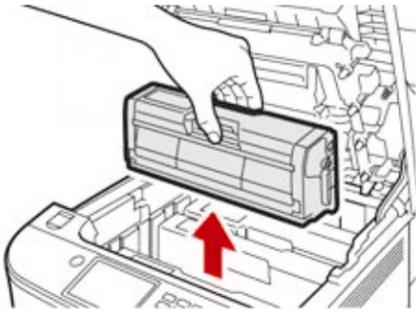


- If the cyan, magenta, or yellow toner runs out, you can print in monochrome using just the black toner. You can change the color mode setting to Black and White using the machine's driver.
- If the black toner runs out, you cannot print anything at all until the black print cartridge has been replaced.
- Replace the indicated print cartridge when any of the following messages appear on the screen: "Replace Toner: (X)" (X indicates the toner color).
- Prepare the indicated print cartridge when any of the following messages appear on the screen: "Replace Required Soon: (X)" (X indicates the toner color).

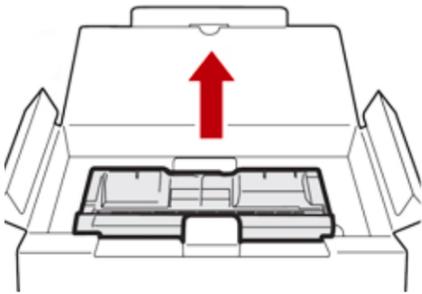
1. Pull up the lever on the top cover, and then carefully raise the top cover.



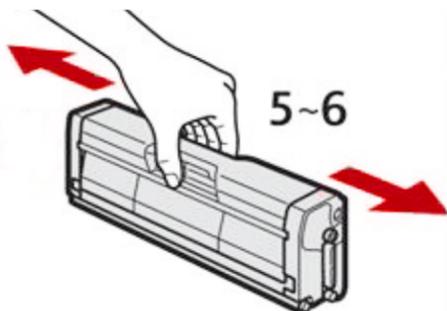
2. Carefully lift out the print cartridge vertically, holding its center. From the rear, the print cartridges are installed in the order of cyan (C), magenta (M), yellow (Y), and white (W) or black (K).



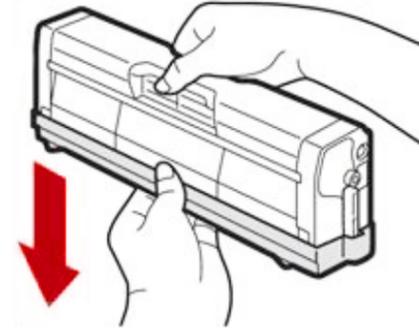
3. Take the new print cartridge out of the box, and then take it out of the plastic bag.



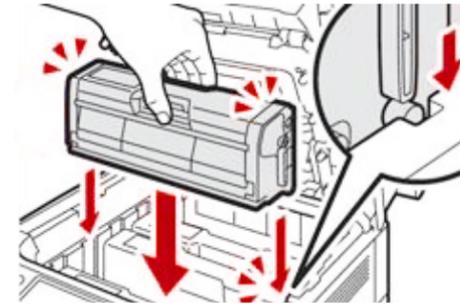
4. Hold the print cartridge and shake it from side to side five or six times. This helps even out the distribution of toner in the cartridge, which improves the print quality.



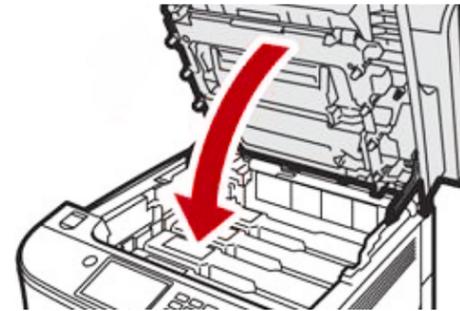
5. Remove the protective cover from the print cartridge.



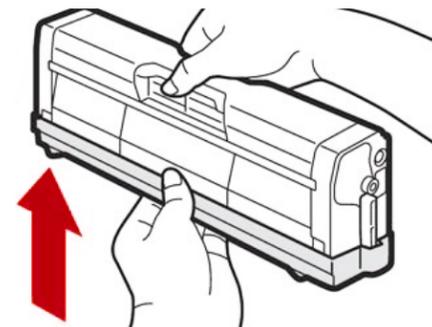
6. Check the toner color and where you should place it depending on the configuration you are running, and then carefully insert the print cartridge vertically.



7. Using both hands, hold the center of the top cover and close the cover carefully.



8. Attach the protective cover you removed in Step 5 to the old print cartridge you removed from the printer. Then, put the old cartridge into the bag and box the new cartridge came in.



Replacing the Waste Toner Bottle

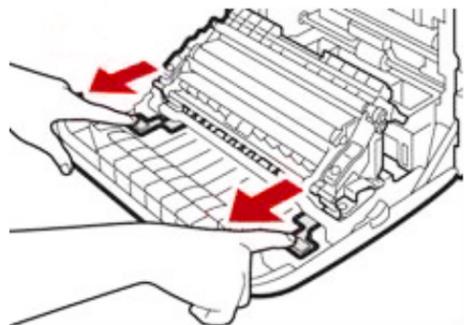
Quick tips before replacing the waste toner bottle:

- Replace the waste toner bottle when the following message appears on the screen: "Replacement Required: Waste Toner Bottle".
- Be prepared to replace the waste toner bottle when the following message appears on the screen: "Replace Required Soon: Waste Toner Bottle".
- You **cannot** reuse the waste toner bottle; doing so may damage your machine.
- When you remove the waste toner bottle, make sure you **do not** tilt it or it will spill.
- To replace the waste toner bottle, you need to remove the transfer unit, so remember to reinstall it into your printer after you finish replacing the waste toner bottle. Be sure to reinstall the transfer unit **before turning on the power of your printer**.
- Before removing the waste toner bottle from the machine, spread paper towels or other disposable materials around the area to keep any excess toner from dirtying your workspace.

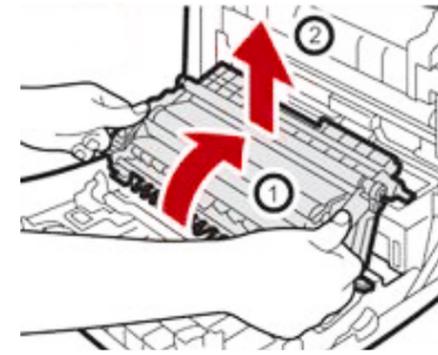
1. Pull the front cover open lever and then carefully lower the front cover.



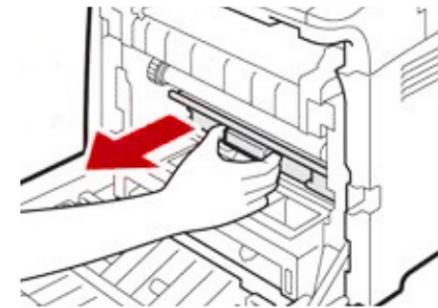
2. Slide both levers on the front cover forward.



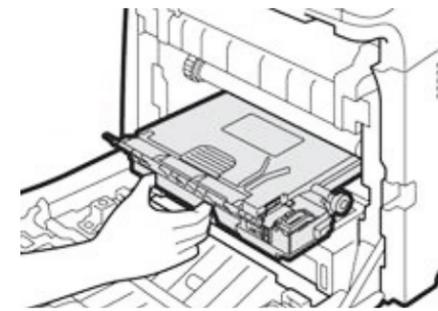
3. Holding the tabs on both ends of the transfer unit, tilt it backwards and lift it up.



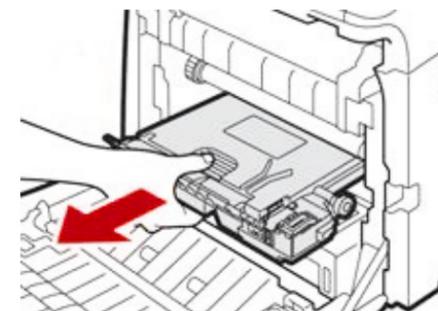
4. Holding the handle at the center of the waste toner bottle, carefully pull it out a little without tilting it.



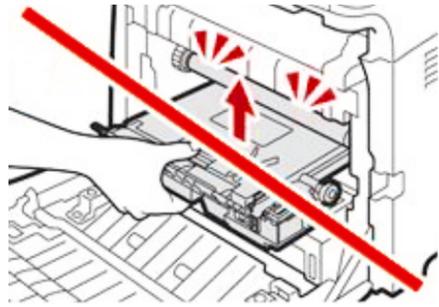
5. Pull the waste toner bottle halfway out.



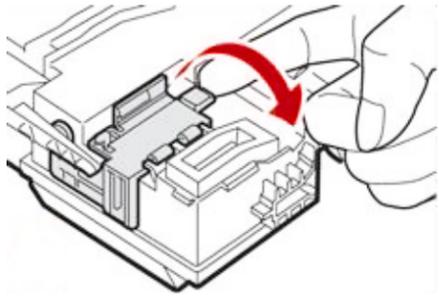
6. Holding the bottle firmly, pull it straight out.



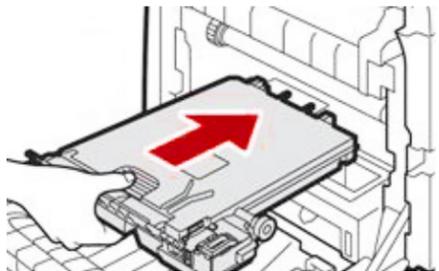
7. To prevent the waste toner bottle from coming into contact with the intermediate transfer unit (the position shown by the arrow in the illustration below), **do not lift the bottle while pulling it out.**



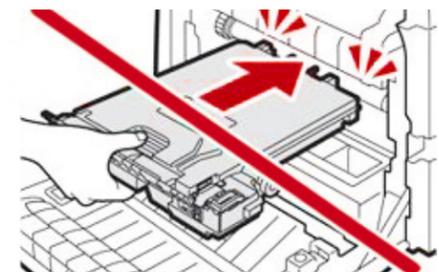
8. Close the bottle cap.



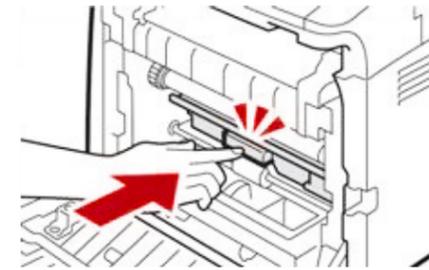
9. Holding the center of the new waste toner bottle, carefully insert it halfway into the printer. Be sure to **leave the bottle cap open.**



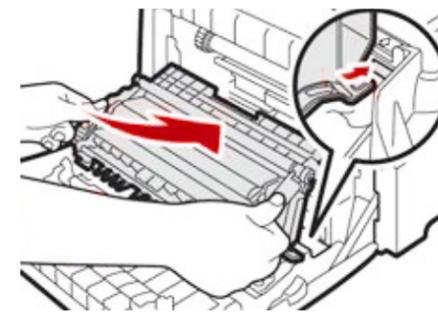
10. To prevent the waste toner bottle from coming into contact with the intermediate transfer unit (the position shown by the arrow in the illustration above), **do not lift the bottle while inserting it.**



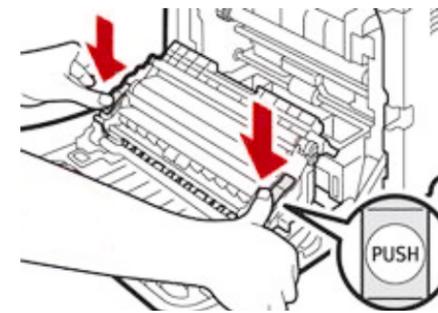
11. Push in the waste toner bottle until it clicks. Then, press the handle at the center and push the bottle all the way in.



12. Place the transfer unit back on the front cover. Slide the transfer unit along the guide rails until it slides into the printer.



13. When it stops, push on the **PUSH** mark until it clicks.



14. Using both hands, carefully push up the front cover until it closes.

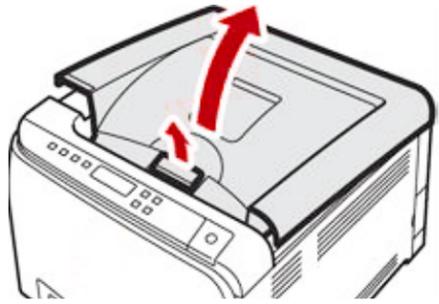


15. Push the upper area of the cover firmly to make sure it is closed properly.

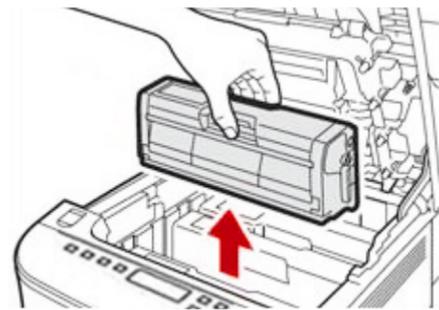
Cleaning the Toner Density Sensor and the LD Unit Dust Shield

Clean the toner density sensor when the following message appears on the control panel: "Density Sensor Requires Cleaning".

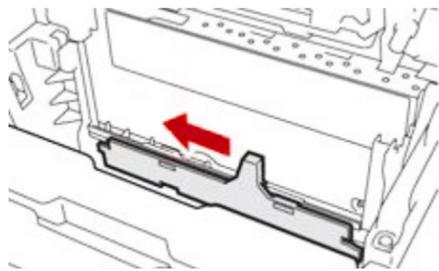
1. Pull up the lever on the top cover, then carefully raise the top cover.



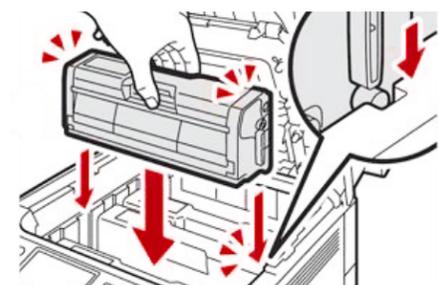
2. Remove the print cartridge closest to the rear of the printer.



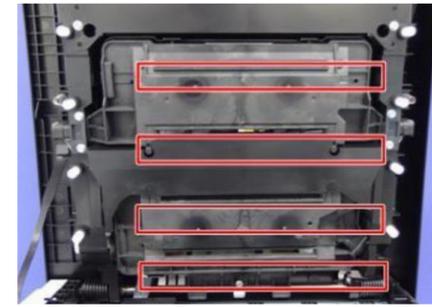
3. Slide the toner density sensor lever to the left only once.



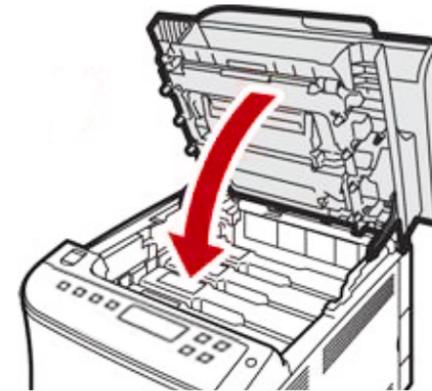
4. Carefully insert the print cartridge removed in Step 2 vertically.



5. Clean each dust shield glass with a soft damp cloth and then wipe the same area with a dry cloth to remove any remaining moisture.



6. Using both hands, hold the center of the top cover and then close it carefully. Be careful not to trap your fingers.



Cleaning the Registration Roller

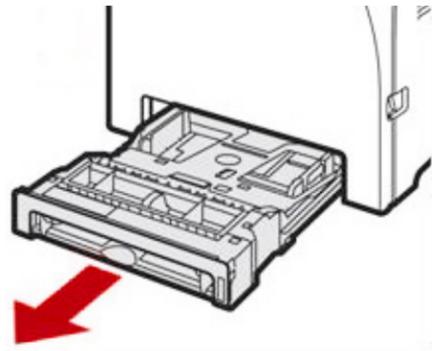
The registration roller can be dirtied by paper dust if you print on non-standard paper.

Clean the registration roller if white dots start to appear on your prints or if your prints start to smear after a paper jam has been cleared.

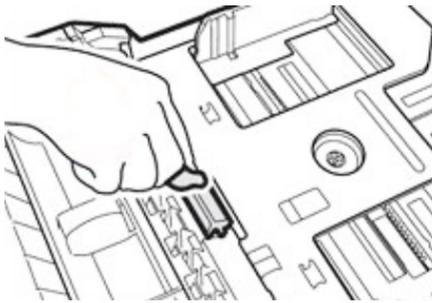
NOTE: Do not use chemical cleaning fluids or organic solvents such as thinner or benzene to clean your registration roller.

1. Turn off the power and unplug the power cord.

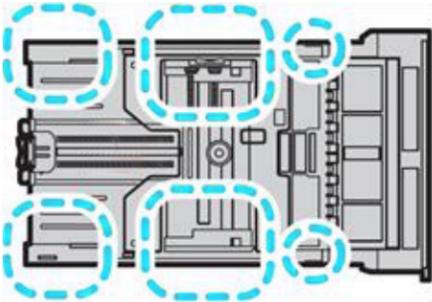
- a. Pull the front cover open lever and then carefully lower the front cover.
- b. Be sure to set the registration roller in the position shown by the arrow in illustration 1 above. **Do not touch the transfer roller.**



2. Clean the registration roller by using a soft damp cloth while turning it using both hands. Then, carefully push up the front cover until it closes.



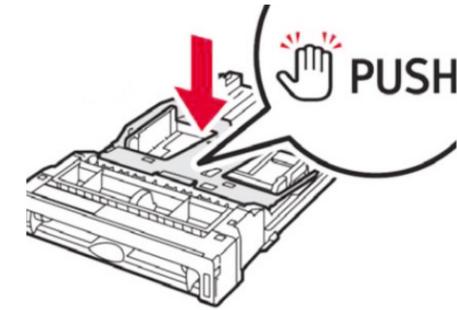
3. When closing the front cover, push the upper area of the cover firmly.



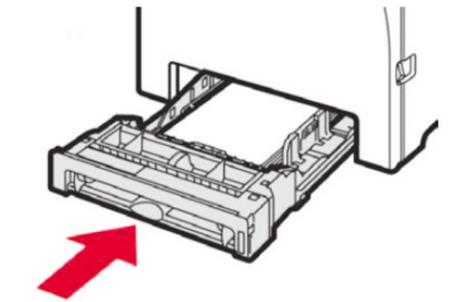
4. Underneath the printer, wipe the rubber part of the roller with a soft damp cloth. After that, wipe it with a dry cloth to remove the moisture.



5. Push the metal plate down until it clicks.



6. Reload the removed paper into the tray and then push the tray back into the printer until it clicks into place.



Remove Paper Jams

Caution

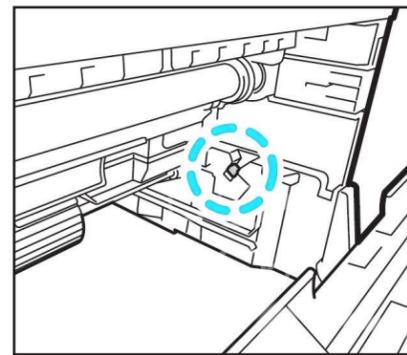
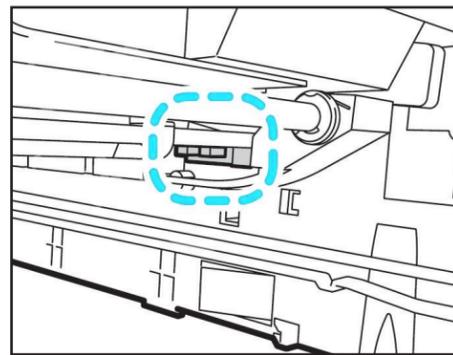
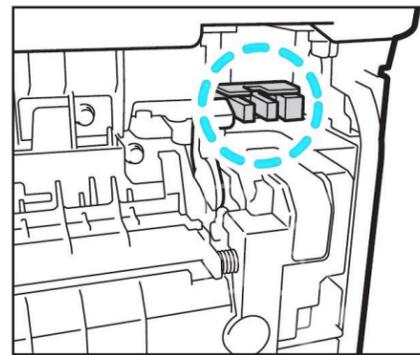
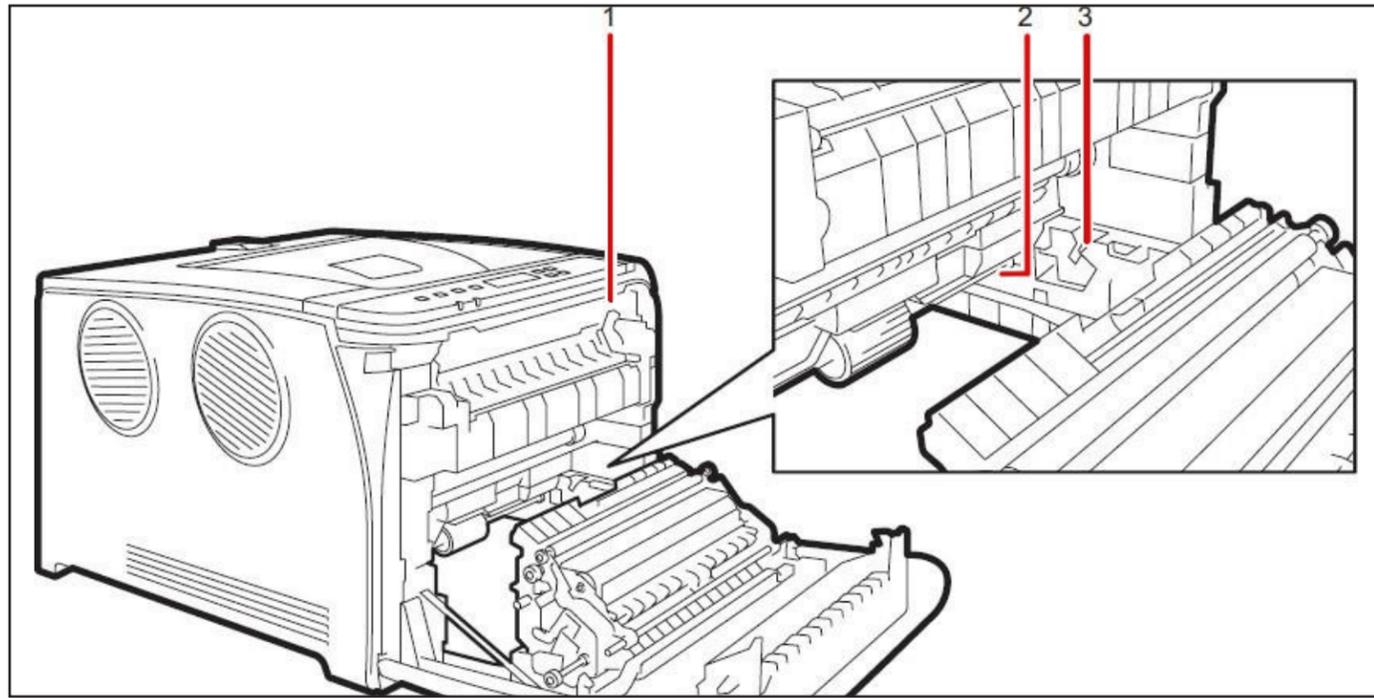


- The inside of this machine becomes very hot during and after printing. Do not touch the parts labeled (indicating a hot surface).



- Some of this machine's internal components get very hot. For this reason, be careful when removing jammed paper in order to avoid getting burned.
- Some of the internal components of this printer are fragile, so **do not** touch the sensors, connectors, LEDs, or other fragile parts when removing a paper jam. Doing so may damage your printer.

For the location of the sensors in the machine and extended options, see the following illustrations:

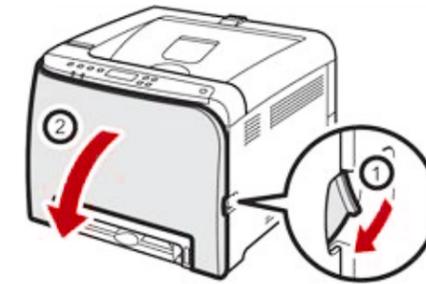


Important Things to Keep In Mind

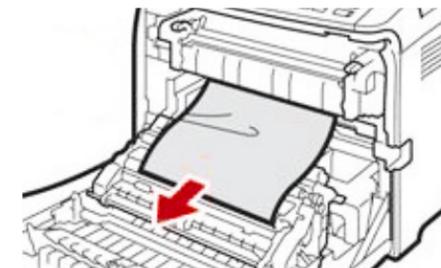
- Jammed paper may be covered in toner, so be careful not to get the toner on your hands or clothes as it is very difficult to remove.
- Toner may smudge on prints made immediately after clearing a paper jam. To fix this, run print tests until the smudges no longer appear.
- Do not forcefully remove jammed paper. If paper tears as you try to remove it by force, it may remain inside the printer and cause further jams and possibly damage the machine.
- Paper jams may also cause pages to get lost, so be sure to check your print jobs for missing pages.

If paper jams inside the fusing unit, follow the procedure below to remove it. Since the temperature around the guide is high, wait for it to cool down before checking for jammed paper.

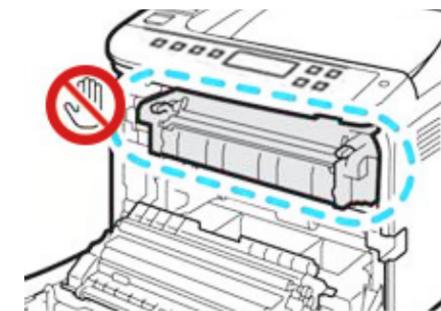
1. Pull the front cover open lever and then carefully lower the front cover.



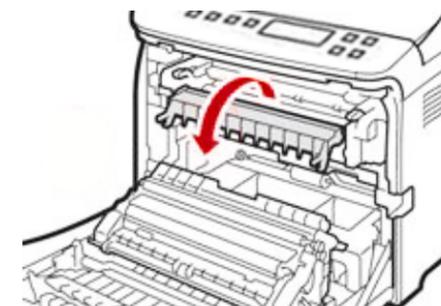
2. Pull the paper downward to remove it. **Do not pull it upward.**



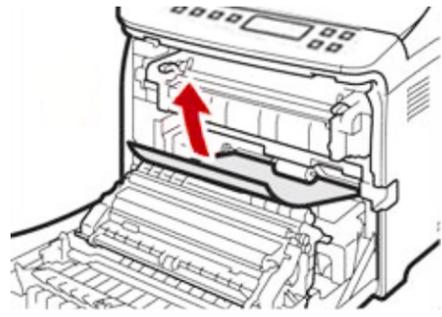
3. **Do not touch the fusing unit.**



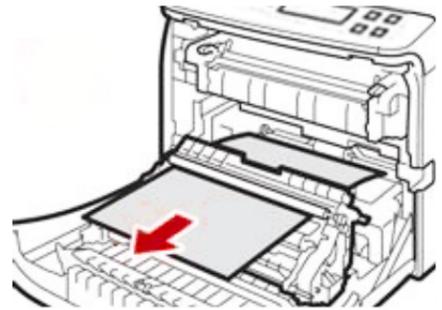
4. If you cannot find the jammed paper, check for it by pulling down the guide.



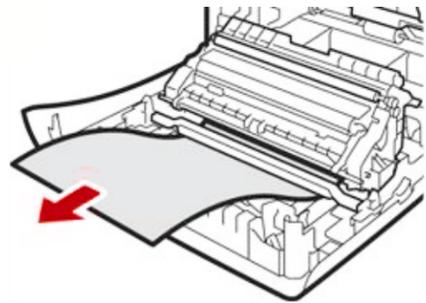
5. **If paper jams inside a tray** - Pull out the jammed paper carefully. Do not pull out the paper tray or touch the fusing unit.



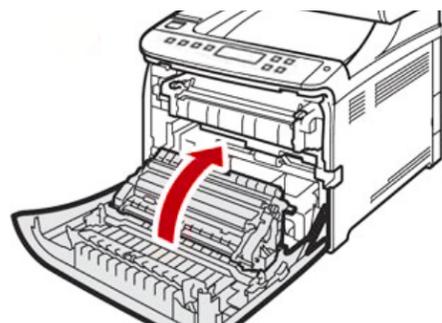
6. **If paper has jammed inside the transfer unit** - Hold both sides of the paper, then pull the paper forward carefully.



7. Carefully pull the paper out.



8. Once the jam is cleared, push up the front cover until it closes. When closing the front cover, push the upper area of the cover firmly. After closing the cover, check that the error has cleared.



LUMINARIS 200 SYSTEM SPECIFICATIONS

Print Speed

Up to 8 pages per minute (ppm) on transfer media and up to 26 ppm on standard media.

Processor

350 MHz

Duty Cycle

Up to 65,000 pg/mo

Memory

256 MB

Resolution

2400 x 600 dpi

Emulation

PostScript 3™

Operating Systems

Standalone and network - Microsoft Windows® 7/8/10 (x32 & x64)

Interfaces

10/100-TX Ethernet, Wireless LAN, High-Speed USB v2.0

Paper Capacity

Standard 251 sheets; handles transfer media, card and mailing label stock.

For paper Cassette: 251 sheets Legal/Letter/Universal

Paper Sizes (Min. To Max.)

Bypass Tray 3" x 5" to 8.5" x 14"

Paper Cassette 5.8" x 8.3" to 8.5" x 14"

Paper Weight

Bypass Tray 16 lb. bond to 43 lb. index (60 to 163 gsm)

Paper Cassette 16 lb. bond to 43 lb. index (60 to 163 gsm)

Printer Size

(WxDxH): 15.7" x 17.7" x 13.1" (400 x 450 x 334 mm)

Printer Weight

55 lb. (25 kg)

Power

120V with Transformer and 230V



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