

# XC9225, XC9235, XC9245, XC9255, XC9265 MFPs

## **User's Guide**

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Machine type(s):

7559

Models:

098, 198, 398, 598, 798

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## **Safety information**

#### **Conventions**

Note: A note identifies information that could help you.

Warning: A warning identifies something that could damage the product hardware or software.

WARNING (in full capitals): A WARNING indicates a risk of death or serious injury if not avoided.

**CAUTION**: A caution indicates a potentially hazardous situation that could injure you.

Different types of caution statements include:



**CAUTION—POTENTIAL INJURY:** Indicates a risk of injury.



**CAUTION—SHOCK HAZARD:** Indicates a risk of electrical shock.



**CAUTION—HOT SURFACE:** Indicates a risk of burn if touched.



**CAUTION—TIPPING HAZARD:** Indicates a crush hazard.



**CAUTION—PINCH HAZARD:** Indicates a risk of being caught between moving parts.

#### **Product statements**



**CAUTION—POTENTIAL INJURY:** To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.



**CAUTION—POTENTIAL INJURY:** To avoid the risk of fire or electrical shock, use only the power cord provided with this product or the manufacturer's authorized replacement.



**CAUTION—POTENTIAL INJURY:** Do not use this product with extension cords, multioutlet power strips, multioutlet extenders, or UPS devices. The power capacity of these types of accessories can be easily overloaded by a laser printer and may result in a risk of fire, property damage, or poor printer performance.



**CAUTION—POTENTIAL INJURY:** Only a Lexmark Inline Surge Protector that is properly connected between the printer and the power cord provided with the printer may be used with this product. The use of non-Lexmark surge protection devices may result in a risk of fire, property damage, or poor printer performance.



**CAUTION—POTENTIAL INJURY:** To reduce the risk of fire, use only a 26 AWG or larger telecommunications (RJ-11) cord when connecting this product to the public switched telephone network. For users in Australia, the cord must be approved by the Australian Communications and Media Authority.



**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not place or use this product near water or wet locations.



**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not set up this product or make any electrical or cabling connections, such as the power cord, fax feature, or telephone, during a lightning storm.



**CAUTION—POTENTIAL INJURY:** Do not cut, twist, bind, crush, or place heavy objects on the power cord. Do not subject the power cord to abrasion or stress. Do not pinch the power cord between objects such as furniture and walls. If any of these things happen, a risk of fire or electrical shock results. Inspect the power cord regularly for signs of such problems. Remove the power cord from the electrical outlet before inspecting it.



**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, make sure that all external connections (such as Ethernet and telephone system connections) are properly installed in their marked plug-in ports.



**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, if you are accessing the controller board or installing optional hardware or memory devices sometime after setting up the printer, then turn the printer off, and unplug the power cord from the electrical outlet before continuing. If you have any other devices attached to the printer, then turn them off as well, and unplug any cables going into the printer.



**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not use the fax feature during a lightning storm.



**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock when cleaning the exterior of the printer, unplug the power cord from the electrical outlet and disconnect all cables from the printer before proceeding.



**CAUTION—POTENTIAL INJURY:** If the printer weight is greater than 20 kg (44 lb), then it may require two or more people to lift it safely.



**CAUTION—POTENTIAL INJURY:** When moving the printer, follow these guidelines to avoid personal injury or printer damage:

- Make sure that all doors and trays are closed.
- Turn off the printer, and then unplug the power cord from the electrical outlet.
- Disconnect all cords and cables from the printer.
- If the printer has separate floor-standing optional trays or output options attached to it, then disconnect them before moving the printer.
- If the printer has a caster base, then carefully roll it to the new location. Use caution when passing over thresholds and breaks in flooring.
- If the printer does not have a caster base but is configured with optional trays or output options, then remove the output options and lift the printer off the trays. Do not try to lift the printer and any options at the same time.
- Always use the handholds on the printer to lift it.
- Any cart used to move the printer must have a surface able to support the full footprint of the printer.
- Any cart used to move the hardware options must have a surface able to support the dimensions of the options.
- Keep the printer in an upright position.
- Avoid severe jarring movements.
- Make sure that your fingers are not under the printer when you set it down.
- Make sure that there is adequate clearance around the printer.



**CAUTION—TIPPING HAZARD:** Installing one or more options on your printer or MFP may require a caster base, furniture, or other feature to prevent instability causing possible injury. For more information on supported configurations, see <a href="https://www.lexmark.com/multifunctionprinters">www.lexmark.com/multifunctionprinters</a>.



**CAUTION—TIPPING HAZARD:** To reduce the risk of equipment instability, load each tray separately. Keep all other trays closed until needed.



**CAUTION—HOT SURFACE:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.



**CAUTION—PINCH HAZARD:** To avoid the risk of a pinch injury, use caution in areas marked with this label. Pinch injuries may occur around moving parts, such as gears, doors, trays, and covers.



**CAUTION—POTENTIAL INJURY:** This product uses a laser. Use of controls or adjustments or performance of procedures other than those specified in the *User's Guide* may result in hazardous radiation exposure.



**CAUTION—POTENTIAL INJURY:** The lithium battery in this product is not intended to be replaced. There is a danger of explosion if a lithium battery is incorrectly replaced. Do not recharge, disassemble, or incinerate a lithium battery. Discard used lithium batteries according to the manufacturer's instructions and local regulations.



- INGESTION HAZARD: This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours.
- KEEP new and used batteries OUT OF REACH of CHILDREN.
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do not dispose of batteries in household trash or incinerate. Even used batteries may cause severe injury or death. Call a local poison control center for treatment information.

Battery type: CR6821

Nominal battery voltage: 3V

Do not force discharge, recharge, disassemble, heat above 60°C (140°F), or incinerate. Doing so may result in injury due to venting, leakage, or explosion resulting in chemical burns.

This equipment is not suitable for use in locations where children are likely to be present.

This product is designed, tested, and approved to meet strict global safety standards with the use of specific manufacturer's components. The safety features of some parts may not always be obvious. The manufacturer is not responsible for the use of other replacement parts.

Refer service or repairs, other than those described in the user documentation, to a service representative.

This product uses a printing process that heats the print media, and the heat may cause the media to release emissions. You must understand the section in your operating instructions that discusses the guidelines for selecting print media to avoid the possibility of harmful emissions.

This product may produce small amounts of ozone during normal operation, and may be equipped with a filter designed to limit ozone concentrations to levels well below the recommended exposure limits. To avoid high ozone concentration levels during extensive usage, install this product in a well-ventilated area and replace the ozone and exhaust filters if instructed to do so in the product maintenance instructions. If there are no references to filters in the product maintenance instructions, then there are no filters requiring replacement for this product.

#### SAVE THESE INSTRUCTIONS.

## Learning about the printer

## Finding information about the printer

What are you looking for?	Find it here
Initial setup instructions:  Connecting the printer Installing the printer software	See the setup documentation that came with the printer or go to <a href="http://support.lexmark.com">http://support.lexmark.com</a> .
More setup and instructions for using the printer:  Selecting and storing paper and specialty media  Loading paper  Configuring printer settings  Viewing and printing documents and photos  Setting up and using the printer software  Configuring the printer on a network  Caring for and maintaining the printer  Troubleshooting and solving problems	Information Center—Go to http://infoserve.lexmark.com.  Help Menu Pages—Access the guides on the printer firmware or go to http://support.lexmark.com.  Touch Screen Guide—Go to http://support.lexmark.com.  Product videos—Go to http://infoserve.lexmark.com/idv/.
Information on setting up and configuring the accessibility features of your printer	Lexmark Accessibility Guide—Go to http://support.lexmark.com.
Help using the printer software	Help for Microsoft Windows or Macintosh operating systems—Open a printer software program or application, and then click Help.  Click to view context-sensitive information.  Notes:  Help is automatically installed with the printer software.  Depending on the operating system, the printer software is located in the printer program folder or on the desktop.

What are you looking for?	Find it here
The latest supplemental information, updates, and customer	Go to http://support.lexmark.com.
support:  • Documentation  • Driver downloads  • Live chat support  • E-mail support  • Voice support	Note: Select your country or region, and then select your product to view the appropriate support site.  Support contact information for your country or region can be found on the website or on the printed warranty that came with the printer.  Have the following information ready when you contact customer support:  Place and date of purchase  Machine type and serial number
Safety information	Warranty information varies by country or region:
<ul> <li>Regulatory information</li> <li>Warranty information</li> <li>Environmental information</li> </ul>	<ul> <li>In the U.S.—See the Statement of Limited Warranty included with the printer, or go to <a href="http://support.lexmark.com">http://support.lexmark.com</a>.</li> </ul>
	In other countries and regions—See the printed warranty that came with the printer.
	Product Information Guide—See the documentation that came with the printer or go to <a href="http://support.lexmark.com">http://support.lexmark.com</a> .

## Selecting a location for the printer

- Leave enough room to open trays, covers, and doors and to install hardware options.
- Set up the printer near an electrical outlet.



**CAUTION—POTENTIAL INJURY:** To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.



**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not place or use this product near water or wet locations.

- Make sure that airflow in the room meets the latest revision of the ASHRAE 62 standard or the CEN Technical Committee 156 standard.
- Provide a flat, sturdy, and stable surface.
- Keep the printer:
  - Clean, dry, and free of dust
  - Away from stray staples and paper clips

- Away from the direct airflow of air conditioners, heaters, or ventilators
- Free from direct sunlight and humidity extremes
- Observe the recommended temperatures and avoid fluctuations.

Ambient temperature	10 to 30°C (50 to 86°F)
Storage temperature	-10 to 40°C (14 to 104°F)

• Allow the following recommended amount of space around the printer for proper ventilation:



1	Тор	400 mm (15.70 in.)	
2	Rear	120 mm (4.80 in.)	
3	Right side	400 mm (15.70 in.)	
4 Front		444.5 mm (17.50 in.)	
5	Left side	120 mm (4.80 in.)	

## **Printer configurations**

**Note:** Make sure to configure the printer on a flat, sturdy, and stable surface.

#### **Basic model**



1	Automatic document feeder (ADF)
2	Control panel
3	Multipurpose feeder
4	Standard 2 x 500-sheet tray
5	Standard bin

## **Configured model**



**CAUTION—TIPPING HAZARD:** Installing one or more options on your printer or MFP may require a caster base, furniture, or other feature to prevent instability causing possible injury. For more information on supported configurations, see <a href="https://www.lexmark.com/multifunctionprinters">www.lexmark.com/multifunctionprinters</a>.



1	Staple finisher	
	Notes:	
	This option is not supported if another finisher is installed.	
	This option is supported only in some printer models.	
2	Optional 3000-sheet tray	
	<b>Note:</b> This option is supported only if another optional tray is installed.	
3	Optional 2 x 500-sheet tray	
4	Optional 2500-sheet tray	
5	Finisher	
	Staple, hole punch finisher	
	Booklet finisher	

## **Attaching cables**



**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not set up this product or make any electrical or cabling connections, such as the power cord, fax feature, or telephone, during a lightning storm.



**CAUTION—POTENTIAL INJURY:** To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

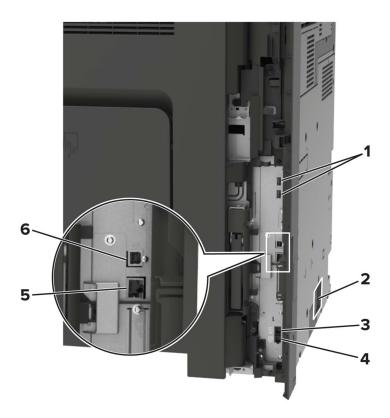


**CAUTION—POTENTIAL INJURY:** To avoid the risk of fire or electrical shock, use only the power cord provided with this product or the manufacturer's authorized replacement.



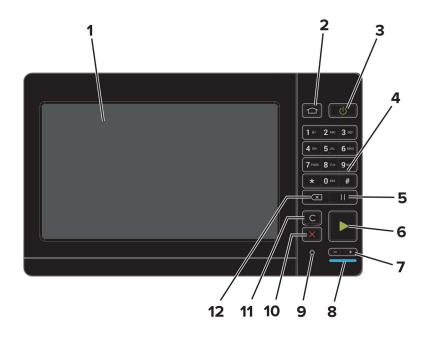
**CAUTION—POTENTIAL INJURY:** To reduce the risk of fire, use only a 26 AWG or larger telecommunications (RJ-11) cord when connecting this product to the public switched telephone network. For users in Australia, the cord must be approved by the Australian Communications and Media Authority.

**Warning—Potential Damage:** To avoid loss of data or printer malfunction, do not touch the USB cable, any wireless network adapter, or the printer in the areas shown while actively printing.



	Use the	То
1	USB ports	Attach a keyboard or any compatible option.
2	Power cord socket	Connect the printer to a properly grounded electrical outlet.
3	EXT port	Connect additional devices (telephone or answering machine) to the printer and the telephone line. Use this port if you do not have a dedicated fax line for the printer and if this connection method is supported in your country or region.
		Note: Remove the plug to access the port.
4	LINE port	Connect the printer to an active telephone line through a standard wall jack (RJ-11), DSL filter, or VoIP adapter, or any other adapter that allows you to access the telephone line to send and receive faxes.
5	Ethernet port	Connect the printer to an Ethernet network.
6	USB printer port	Connect the printer to a computer.

## Using the control panel



	Use the	То
1	Display	View the printer messages and supply status.
		Set up and operate the printer.
2	Home button	Go to the home screen.
3	Power button	Turn on or turn off the printer.
		<b>Note:</b> To turn off the printer, press and hold the power button for five seconds.
		Set the printer to Sleep or Hibernate mode.
		Wake the printer from Sleep or Hibernate mode.
4	Keypad	Enter numbers or symbols in an input field.
5	Pause button	Place a dial pause in a fax number.
6	Start button	Start a job, depending on which mode is selected.
7	Volume buttons	Adjust the volume of the headset or speaker.
8	Indicator light	Check the status of the printer.
9	Headset or speaker port	Attach a headset or speaker.
10	Stop or Cancel button	Stop the current job.
11	Clear all or Reset button	Reset the default settings of a function such as copying, faxing, or scanning.
12	Backspace button	Move the cursor backward and delete a character in an input field.

# Understanding the status of the power button and indicator light

Indicator light	Printer status
Off	The printer is off or in Hibernate mode.
Blue	The printer is ready or processing data.
Red	The printer requires user intervention.

Power button light	Printer status
Off	The printer is off, ready, or processing data.
Solid amber	The printer is in Sleep mode.
Blinking amber	The printer is in Hibernate mode.

## Using the home screen

**Note:** Your home screen may vary depending on your home screen customization settings, administrative setup, and active embedded solutions.



Touch		То
1	Сору	Make copies.
2	E-mail	Send e-mails.
3	Settings	Access the printer menus.
4	Fax	Send fax.
5	Address Book	Manage a contact list that other applications on the printer can access.

Touch		То
6	Status/Supplies	Show a printer warning or error message whenever the printer requires intervention to continue processing.
		View more information on the printer warning or message, and on how to clear it.
		<b>Note:</b> You can also access this setting by touching the top section of the home screen.
7	USB Drive	Print photos and documents from a flash drive.
		Scan photos and documents to a flash drive
8	Job Queue	Show all the current print jobs.
		<b>Note:</b> You can also access this setting by touching the top section of the home screen.
9	Held Jobs	Show the print jobs that are held in the printer memory.
10	Shortcut Center	Organize all shortcuts.
11	App Profiles	Access application profiles.
12	Scan Profiles	Scan and save documents directly to the computer.
13	FTP	Scan and save documents directly to an FTP server.
14	Bookmarks	Organize all bookmarks.
15	Change Language	Change the language on the display.

## **Printing the Menu Settings Page**

From the home screen, touch **Settings** > **Reports** > **Menu Settings Page**.

# Setting up and using the home screen applications

Customizing the home screen

## **Customizing the home screen**

- 1 From the control panel, touch Settings > Device > Visible Home Screen Icons.
- **2** Select the icons that you want to appear on the home screen.
- 3 Apply the changes.

## **Setting up Card Copy**

1 Open a web browser, and then type the printer IP address in the address field.

#### Notes:

- View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.
- If you are using a proxy server, then temporarily disable it to load the web page correctly.
- 2 Click Apps > Card Copy > Configure.

#### **Notes:**

- Make sure that Display Icon is enabled.
- Make sure that E-mail Settings and Network Share Settings are configured.
- When scanning a card, make sure that the scan resolution does not exceed 200 dpi for color and 400 dpi for black and white.
- When scanning multiple cards, make sure that the scan resolution does not exceed 150 dpi for color and 300 dpi for black and white.
- **3** Apply the changes.

**Note:** You need a printer hard disk to scan multiple cards.

## **Using Shortcut Center**

- 1 From the home screen, touch **Shortcut Center**, and then select a printer function.
- **2** Touch **Create Shortcut**, and then configure the settings.
- **3** Touch **Save**, and then type a unique shortcut name.
- 4 Apply the changes.

## **Setting up Scan Center**

- 1 From the home screen, touch Scan Center.
- **2** Select and create a destination, and then configure the settings.

#### Notes:

- When creating a network destination, make sure to validate and adjust the settings until no errors
  occur.
- Only destinations created from the Embedded Web Server are saved. For more information, see the
  documentation that came with the solution.
- **3** Apply the changes.

## **Using Customer Support**

- 1 From the home screen, touch Customer Support.
- **2** Print or e-mail the information.

**Note:** For information on configuring the application settings, see the *Customer Support Administrator's Guide*.

## **Setting up Device Quotas**

You may need administrative rights to access the application.

1 Open a Web browser, and then type the printer IP address in the address field.

#### **Notes:**

- View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.
- If you are using a proxy server, then temporarily disable it to load the Web page correctly.
- 2 Click Apps > Device Quotas > Configure.
- 3 From the User Accounts section, add or edit a user, and then set the user quota.
- 4 Apply the changes.

**Note:** For information on how to configure the application and its security settings, see the *Device Quotas Administrator's Guide*.

## **Using Display Customization**

Before using the application, make sure to do the following:

- From the Embedded Web Server, click Apps > Display Customization > Configure.
- Enable and configure the screen saver, slideshow, and wallpaper settings.

#### Managing screen saver and slide show images

1 From the Screen Saver and Slideshow Images section, add, edit, or delete an image.

#### **Notes:**

- You can add up to 10 images.
- When enabled, the status icons appear on the screen saver only when there are errors, warnings, or cloud-based notifications.
- **2** Apply the changes.

#### Changing the wallpaper image

- 1 From the home screen, touch Change Wallpaper.
- 2 Select an image to use.
- **3** Apply the changes.

#### Running a slide show from a flash drive

- 1 Insert a flash drive into the USB port.
- **2** From the home screen, touch **Slideshow**.

Images appear in alphabetical order.

**Note:** You can remove the flash drive after the slide show starts, but the images are not stored in the printer. If the slide show stops, then insert the flash drive again to view the images.

## Managing bookmarks

#### **Creating bookmarks**

Use bookmarks to print frequently accessed documents that are stored in servers or on the web.

1 Open a web browser, and then type the printer IP address in the address field.

#### Notes:

- View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.
- If you are using a proxy server, then temporarily disable it to load the web page correctly.
- **2** Click **Bookmarks** > **Add Bookmark**, and then type a bookmark name.
- **3** Select an Address protocol type, and then do one of the following:
  - For HTTP and HTTPS, type the URL that you want to bookmark.
  - For HTTPS, make sure to use the host name instead of the IP address. For example, type myWebsite.com/sample.pdf instead of typing 123.123.123.123.123.fsample.pdf. Make sure that the host name also matches the Common Name (CN) value in the server certificate. For more information on obtaining the CN value in the server certificate, see the help information for your web browser.
  - For FTP, type the FTP address. For example, **myServer/myDirectory**. Enter the FTP port. Port 21 is the default port for sending commands.
  - For SMB, type the network folder address. For example, myServer/myShare/myFile.pdf. Type the network domain name.
  - If necessary, select the Authentication type for FTP and SMB.

To limit access to the bookmark, enter a PIN.

**Note:** The application supports the following file types: PDF, JPEG, TIFF, and HTML-based web pages. Other file types such as DOCX and XLXS are supported in some printer models.

4 Click Save.

#### **Creating folders**

1 Open a web browser, and then type the printer IP address in the address field.

#### Notes:

- View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.
- If you are using a proxy server, then temporarily disable it to load the web page correctly.
- 2 Click Bookmarks > Add Folder, and then type a folder name.

**Note:** To limit access to the folder, enter a PIN.

3 Click Save.

**Note:** You can create folders or bookmarks inside a folder. To create a bookmark, see <u>"Creating bookmarks"</u> on page 26.

## **Managing contacts**

#### **Adding contacts**

1 Open a web browser, and then type the printer IP address in the address field.

#### Notes:

- View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.
- If you are using a proxy server, then temporarily disable it to load the web page correctly.
- 2 Click Address Book.
- **3** From the Contacts section, add a contact.

Note: You can assign the contact to one or more groups.

- **4** If necessary, specify a login method to allow application access.
- **5** Apply the changes.

### **Adding groups**

1 Open a web browser, and then type the printer IP address in the address field.

#### Notes:

• View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.

- If you are using a proxy server, then temporarily disable it to load the web page correctly.
- 2 Click Address Book.
- **3** From the Contact Groups section, add a group name.

Note: You can assign one or more contacts to the group.

4 Apply the changes.

#### **Editing contacts or groups**

1 Open a web browser, and then type the printer IP address in the address field.

#### **Notes:**

- View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.
- If you are using a proxy server, then temporarily disable it to load the web page correctly.
- 2 Click Address Book.
- **3** Do either of the following:
  - From the Contacts section, click a contact name, and then edit the information.
  - From the Contact Groups section, click a group name, and then edit the information.
- 4 Apply the changes.

#### **Deleting contacts or groups**

1 Open a web browser, and then type the printer IP address in the address field.

#### Notes:

- View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.
- If you are using a proxy server, then temporarily disable it to load the web page correctly.
- 2 Click Address Book.
- **3** Do either of the following:
  - From the Contacts section, select a contact that you want to delete.
  - From the Contact Groups section, select a group name that you want to delete.

## Setting up and using the accessibility features

## **Enabling Magnification mode**

- 1 From the control panel, press and hold the 5 key until you hear a voice message.
- 2 Select Magnification mode.
- 3 Select OK.

For more information on navigating a magnified screen, see "Navigating the screen using gestures" on page 30.

## **Activating Voice Guidance**

#### From the control panel

- 1 Press and hold the 5 key until you hear a voice message.
- 2 Select OK.

#### From the keyboard

- **1** Press and hold the **5** key until you hear a voice message.
- 2 Press **Tab** to navigate the focus cursor to the OK button, and then press **Enter**.

#### Notes:

- Voice Guidance is also activated when you insert headphones into the headphone jack.
- To adjust the volume, use the volume buttons at the bottom part of the control panel.

## Adjusting the Voice Guidance speech rate

- 1 From the home screen, select Settings > Device > Accessibility > Speech Rate.
- 2 Select the speech rate.

## Adjusting the default internal speaker volume

1 From the control panel, navigate to:

Settings > Device > Preferences > Audio Feedback

**2** Adjust the volume.

#### Notes:

 If Quiet Mode is enabled, then audible alerts are turned off. This setting also slows the printer performance. • The volume resets to the default value after the session is logged out or when the printer wakes from Sleep or Hibernate mode.

## Adjusting the default headphone volume

**1** From the control panel, navigate to:

Settings > Device > Accessibility

**2** Adjust the headphone volume.

**Note:** The volume resets to the default value after the session is logged out or when the printer wakes from Sleep or Hibernate mode.

## Enabling spoken passwords or personal identification numbers

- 1 From the home screen, select Settings > Device > Accessibility > Speak Passwords/PINs.
- **2** Enable the setting.

## Navigating the screen using gestures

#### **Notes:**

- The gestures are applicable only when Voice Guidance is activated.
- Enable Magnification to use the zoom and pan gestures.
- Use a physical keyboard to type characters and adjust certain settings.

Gesture	Function
Double-tap	Select an option or item on the screen.
Triple-tap	Zoom in or zoom out text and images.
Swipe right or swipe down	Move to the next item on the screen.
Swipe left or swipe up	Move to the previous item on the screen.
Pan	Access parts of the zoomed image that are beyond the limits of the screen.  Note: This gesture requires the use of two fingers to drag across a zoomed image.
Swipe up then left	Exit an application and return to the home screen.
Swipe down then left	<ul> <li>Cancel a job.</li> <li>Go back to the previous setting.</li> <li>Exit the screen that appears without changing any setting or value.</li> </ul>
Swipe up then down	Repeat a spoken prompt.

## Using the keyboard on the display

Do one or more of the following:

- Drag a finger over the key to announce the character.
- Lift the finger to enter or type the character in the field.
- Select **Backspace** to delete characters.
- To hear the content in the input field, select **Tab**, and then select **Shift + Tab**.

## Loading paper and specialty media

## Setting the size and type of the specialty media

The trays automatically detect the size of plain paper. For specialty media like labels, card stock, or envelopes, do the following:

**1** From the home screen, navigate to:

Settings > Paper > Tray Configuration > Paper Size/Type > select a paper source

**2** Set the size and type of the specialty media.

## **Configuring Universal paper settings**

- 1 From the home screen, touch Settings > Paper > Media Configuration > Universal Setup.
- 2 Configure the settings.

## **Loading trays**



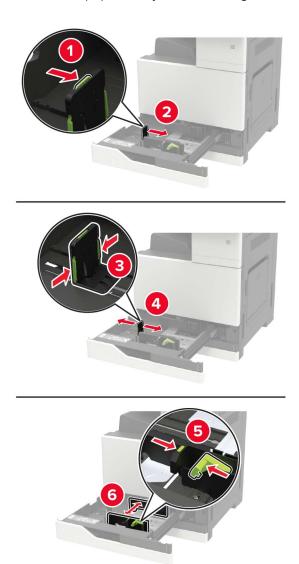
**CAUTION—TIPPING HAZARD:** To reduce the risk of equipment instability, load each tray separately. Keep all other trays closed until needed.

1 Pull out the tray.

Note: Do not remove trays while the printer is busy.



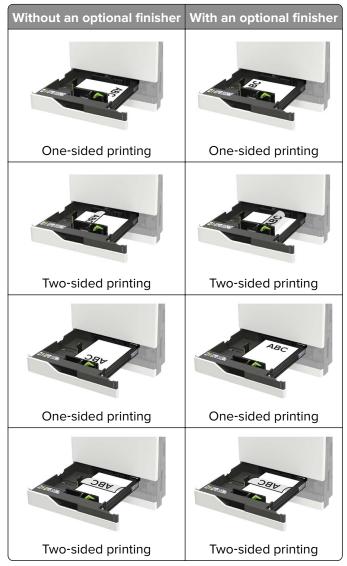
**2** Adjust the guides to match the size of the paper that you are loading.



**3** Flex, fan, and align the paper edges before loading.



- 4 Load the paper.
  - When using letterhead, do either of the following:



- Load pre-punched paper with the holes toward the front or left side of the tray.
- Do not slide paper into the tray.
- To avoid paper jams, make sure that the stack height is below the maximum paper fill indicator.

#### **5** Insert the tray.

If loading a paper type other than plain, from the control panel, set the paper size and paper type to match the paper loaded.

## Loading the 2500-sheet tray

The 2500-sheet tray supports only one paper size, either A4 or letter. To check the supported paper size, pull out the tray and then locate the size indicator on the bottom of the tray.



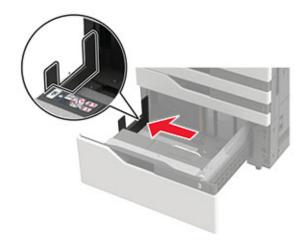
**CAUTION—TIPPING HAZARD:** To reduce the risk of equipment instability, load each tray separately. Keep all other trays closed until needed.

1 Pull out the tray.

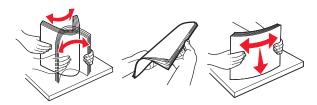


#### **Notes:**

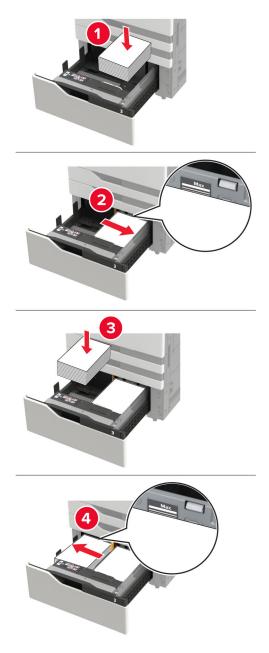
- To avoid paper jams, do not remove trays while the printer is busy.
- To avoid errors, make sure that the transfer guide is always at the left side of the tray.



**2** Flex, fan, and align the paper edges before loading.



**3** Load the paper stack on the right side, and then load the paper stack on the left side.



- Make sure that the stack height is below the maximum paper fill indicator on each side of the tray.
- Load letterhead faceup for one-sided printing.
- Load letterhead facedown for two-sided printing.

 Make sure that the paper stacks do not cross the divider. Push each paper stack against the sides of the tray.



- 4 Insert the tray.
- 5 From the control panel, navigate to: Settings > Device > Maintenance > Configuration Menu > Tray Configuration > Size Sensing.
- **6** Select the tray and paper size.

### Loading the 3000-sheet tray

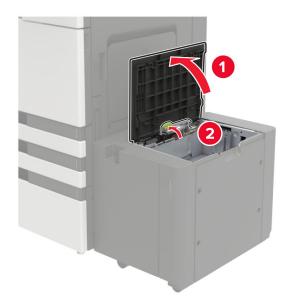
The 3000-sheet tray supports only one paper size, either A4 or letter.



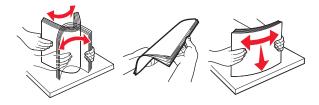
**CAUTION—TIPPING HAZARD:** To reduce the risk of equipment instability, load each tray separately. Keep all other trays closed until needed.

1 Open door F, and then lift the feed roller.

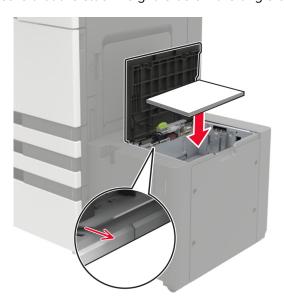
Warning—Potential Damage: To avoid damage and poor performance, do not touch the feed rollers.



**2** Flex, fan, and align the paper edges before loading.



- **3** Load the paper stack with the printable side facedown.
  - Load letterhead facedown for one-sided printing.
  - Load letterhead faceup for two-sided printing.
  - To avoid paper jams, make sure that the stack height is below the angle on the frame.



**4** Lower the feed roller, and then close the door.

- 5 From the control panel, navigate to: Settings > Device > Maintenance > Configuration Menu > Tray Configuration > Size Sensing.
- **6** Select the tray and paper size.

## Loading the multipurpose feeder

**1** Open the multipurpose feeder.

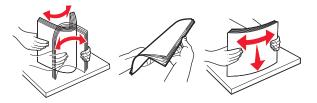




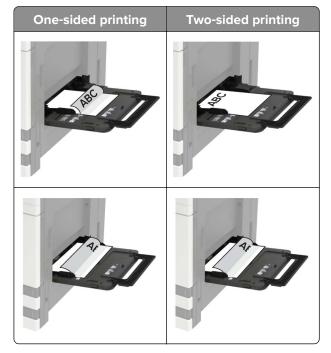
**2** Adjust the guide to match the size of the paper that you are loading.



**3** Flex, fan, and align the paper edges before loading.



4 Load the paper or specialty media.When using letterhead, do either of the following:



**Warning—Potential Damage:** When using envelopes, do not use envelopes with stamps, clasps, snaps, windows, coated linings, or self-stick adhesives.

5 From the control panel, set the paper size and paper type to match the paper loaded.

### Linking trays

- 1 From the home screen, touch **Settings** > **Paper** > **Tray Configuration** > select a paper source.
- **2** Set the same paper size and paper type for the trays that you are linking.
- 3 From the home screen, touch Settings > Device > Maintenance > Config Menu > Tray Configuration > Tray Linking.
- 4 Touch Automatic.

To unlink trays, make sure that no trays have the same paper size and paper type settings.

**Warning—Potential Damage:** The temperature of the fuser varies according to the specified paper type. To avoid printing issues, match the paper type setting in the printer with the paper loaded in the tray.

## **Paper Support**

### Supported paper sizes

### Paper sizes supported by the printer

Paper size and dimension	500-sheet tray	2 x 500-sheet tray	2500-sheet tray	3000-sheet tray	Multipurpose feeder <sup>3</sup>	Two-sided printing
<b>7 3/4 Envelope</b> 98 x 191 mm (3.9 x 7.5 in.)	x	х	х	х	<b>✓</b>	х
<b>9 Envelope</b> 98.4 x 225 mm (3.9 x 8.9 in.)	х	х	х	х	<b>✓</b>	X
<b>10 Envelope</b> 105 x 241 mm (4.1 x 9.5 in.)	х	х	х	х	<b>✓</b>	х
<b>11 x 17</b> 279.4 x 431.8 mm (11 x 17 in.)	<b>√</b> 1	<b>√</b> 1	х	х	<b>√</b> 1	<b>√</b>
<b>12 x 18</b> 305 x 457 mm (12 x 18 in.)	<b>√</b> 1, 4	х	х	х	<b>√</b> 1	<b>√</b>
<b>A3</b> 297 x 420 mm (11.69 x 16.54 in.)	<b>√</b> 1	<b>√</b> 1	х	х	<b>√</b> 1	<b>√</b>
<b>A4</b> 210 × 297 mm (8.3 × 11.7 in.)	<b>✓</b>	<b>✓</b>	<b>\</b> 2	✓2	<b>✓</b>	<b>✓</b>
<b>A5</b> 148 x 210 mm (5.8 x 8.3 in.)	<b>√</b> 1	<b>√</b> 1	х	х	<b>√</b>	<b>✓</b>
<b>A6</b> 105 x 148 mm (4.1 x 5.8 in.)	х	х	х	х	<b>√</b> 1	<b>✓</b>

<sup>&</sup>lt;sup>1</sup> This paper is loaded only in short-edge orientation.

<sup>&</sup>lt;sup>2</sup> This paper is loaded only in long-edge orientation.

<sup>&</sup>lt;sup>3</sup> The paper source supports paper size without size sensing.

<sup>&</sup>lt;sup>4</sup> This paper is not supported in tray 1.

 $<sup>^5</sup>$  Two-sided printing supports Universal sizes between 139.7 x 148 mm to 320 x 458 mm (5.5 x 5.83 in. to 12.6 x 18 in.).

Paper size and dimension	500-sheet tray	2 x 500-sheet tray	2500-sheet tray	3000-sheet tray	Multipurpose feeder <sup>3</sup>	Two-sided printing
<b>B5 Envelope</b> 176 x 250 mm (6.9 x 9.8 in.)	Х	х	x	x	<b>✓</b>	x
<b>C5 Envelope</b> 162 x 229 mm (6.4 x 9 in.)	х	х	х	х	<b>✓</b>	х
<b>DL Envelope</b> 110 x 220 mm (4.3 x 8.7 in.)	х	х	х	х	<b>✓</b>	х
<b>Executive</b> 184 x 267 mm (7.3 x 10.5 in.)	<b>√</b>	<b>√</b>	х	х	<b>✓</b>	<b>√</b>
<b>Folio</b> 216 x 330 mm (8.5 x 13 in.)	<b>√</b>	<b>√</b>	х	х	<b>✓</b>	<b>✓</b>
JIS B4 257 x 364 mm (10.12 x 14.33 in.)	<b>√</b> 1	<b>√</b> 1	х	х	<b>√</b> 1	<b>✓</b>
JIS B5 182 x 257 mm (7.2 x 10.1 in.)	<b>✓</b>	<b>√</b>	х	х	<b>✓</b>	<b>✓</b>
<b>Legal</b> 216 x 356 mm (8.5 x 14 in.)	<b>√</b> 1	<b>√</b> 1	х	х	<b>√</b> 1	<b>√</b>
<b>Letter</b> 216 x 279 mm (8.5 x 11 in.)	<b>✓</b>	<b>√</b>	<b>√</b> 2	<b>\</b> 2	<b>✓</b>	<b>√</b>
<b>Oficio</b> 216 x 340 mm (8.5 x 13.4 in.)	<b>√</b>	<b>√</b>	х	х	<b>✓</b>	<b>√</b>

<sup>&</sup>lt;sup>1</sup> This paper is loaded only in short-edge orientation.

<sup>&</sup>lt;sup>2</sup> This paper is loaded only in long-edge orientation.

<sup>&</sup>lt;sup>3</sup> The paper source supports paper size *without size sensing*.

<sup>&</sup>lt;sup>4</sup> This paper is not supported in tray 1.

 $<sup>^{5}</sup>$  Two-sided printing supports Universal sizes between 139.7 x 148 mm to 320 x 458 mm (5.5 x 5.83 in. to 12.6 x 18 in.).

Paper size and dimension	500-sheet tray	2 x 500-sheet tray	2500-sheet tray	3000-sheet tray	Multipurpose feeder <sup>3</sup>	Two-sided printing
Other Envelope Max: 297 x 427.6 mm (11.69 x 16.83 in.)	х	x	x	x	<b>✓</b>	х
<b>SRA3</b> 320 x 450 mm (12.6 x 17.7 in.)	<b>√</b> 1, 4	х	х	х	<b>√</b> 1	<b>✓</b>
<b>Statement</b> 140 x 216 mm (5.5 x 8.5 in.)	<b>√</b> 1	<b>√</b> 1	x	х	<b>✓</b>	<b>~</b>
Universal 90 x 139.7 mm to 320 x 1200 mm (3.5 x 5.5 in. to 12.6 x 47.24 in.)	<b>√</b>	<b>√</b>	х	х	<b>✓</b>	<b>\sqrt</b> 5

<sup>&</sup>lt;sup>1</sup> This paper is loaded only in short-edge orientation.

### Paper sizes supported by the ADF and scanner

Paper size	Dimensions	ADF	Scanner
3 x 5	76.2 x 127 mm (3 x 5 in.)	x	<b>√</b> 1,2
4 x 6	101.6 x 152.4 mm (4 x 6 in.)	<b>√</b> 2	<b>√</b> 1,2
7 3/4 Envelope	98 x 191 mm (3.9 x 7.5 in.)	х	х
9 Envelope	98 x 225 mm (3.9 x 8.9 in.)	х	х
10 Envelope	105 x 241 mm (4.1 x 9.5 in.)	х	х
11 x 17	279.4 x 431.8 mm (11 x 17 in.)	✓	✓

<sup>&</sup>lt;sup>1</sup> This paper is loaded only in short-edge orientation.

<sup>&</sup>lt;sup>2</sup> This paper is loaded only in long-edge orientation.

<sup>&</sup>lt;sup>3</sup> The paper source supports paper size *without size sensing*.

<sup>&</sup>lt;sup>4</sup> This paper is not supported in tray 1.

 $<sup>^{5}</sup>$  Two-sided printing supports Universal sizes between 139.7 x 148 mm to 320 x 458 mm (5.5 x 5.83 in. to 12.6 x 18 in.).

<sup>&</sup>lt;sup>2</sup> The paper source supports paper size without size sensing.

Paper size	Dimensions	ADF	Scanner
12 x 18	305 x 457 mm (12 x 18 in.)	X	X
А3	297 x 420 mm (11.69 x 16.54 in.)	<b>√</b>	✓
Α4	210 x 297 mm (8.3 x 11.7 in.)	✓	✓
A5	148 x 210 mm (5.8 x 8.3 in.)	<b>√</b>	✓2
A6	105 x 148 mm (4.1 x 5.8 in.)	<b>√</b> 1,2	<b>√</b> 1,2
B5 Envelope	176 x 250 mm (6.9 x 9.8 in.)	х	х
C5 Envelope	162 x 229 mm (6.4 x 9 in.)	х	х
DL Envelope	110 x 220 mm (4.3 x 8.7 in.)	х	х
Business card	N/A	х	<b>√</b> 1,2
Custom Scan Size [x]	N/A	<b>√</b> 2	√2
Hagaki	100 x 148 mm (3.94 x 5.83 in.)	✓	✓
Executive	184 x 267 mm (7.3 x 10.5 in.)	<b>√</b>	✓
Folio	216 x 330 mm (8.5 x 13 in.)	<b>√</b>	✓
JIS B4	257 x 364 mm (10.12 x 14.33 in.)	<b>√</b>	<b>✓</b>
JIS B5	182 x 257 mm (7.2 x 10.1 in.)	<b>√</b>	<b>✓</b>
Letter	216 x 279 mm (8.5 x 11 in.)	<b>✓</b>	<b>✓</b>
Legal	216 x 356 mm (8.5 x 14 in.)	<b>✓</b>	✓
Oficio	216 x 340 mm (8.5 x 13.4 in.)	√2	✓2

<sup>&</sup>lt;sup>1</sup> This paper is loaded only in short-edge orientation.

 $<sup>^{\</sup>rm 2}$  The paper source supports paper size without size sensing.

Paper size	Dimensions	ADF	Scanner
Other Envelope	98 x 162 mm to 176 x 250 mm (3.9 x 6.3 in. to 6.9 x 9.8 in.)	X	х
SRA3	320 x 450 mm (12.6 x 17.7 in.)	х	х
Statement	140 x 216 mm (5.5 x 8.5 in.)	<b>√</b>	<b>✓</b>
Universal	, ,		<b>√</b> 2

<sup>&</sup>lt;sup>1</sup> This paper is loaded only in short-edge orientation.

### Paper sizes supported by the finisher

**Note:** When a finisher is installed, the standard finisher bin becomes the default bin even for print jobs that do not require finishing.

#### Supported paper sizes

Paper size	Staple finisher	Staple, hole punch finisher bin 1	Staple, hole punch finisher bin 2	Booklet finisher
11 x 17	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>
12 x 18	√1	<b>√</b> 1	<b>√</b> 5	<b>✓</b>
A3	х	<b>√</b> 1	<b>√</b> 5	<b>✓</b>
A4	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>
A5	<b>√</b> 1	<b>√</b> 1	<b>√</b> 4	х
A6	<b>√</b> 1	<b>√</b> 1	x	х
Executive	✓	<b>✓</b>	<b>✓</b>	х
Folio	<b>√</b> 1	<b>✓</b>	<b>✓</b>	х
JIS B5	✓	<b>✓</b>	<b>✓</b>	х

<sup>&</sup>lt;sup>1</sup> Paper is supported but the finisher does not stack, staple, or punch holes in it.

<sup>&</sup>lt;sup>2</sup> The paper source supports paper size *without size sensing*.

<sup>&</sup>lt;sup>2</sup> Paper is supported only if the finisher stacks and punches holes in it but does not staple it.

 $<sup>^3</sup>$  Paper is supported only if the paper size is 210 x 279.4 mm to 320 x 457.2 mm (8.27 x 11 in. to 12.6 x 18 in.).

<sup>&</sup>lt;sup>4</sup> Paper is supported only if the finisher stacks and staples the paper but does not punch holes in it.

<sup>&</sup>lt;sup>5</sup> Paper is supported only if the finisher stacks the paper but does not staple or punch holes in it.

<sup>&</sup>lt;sup>6</sup> Paper is supported only for two-hole punch.

Paper size	Staple finisher	Staple, hole punch finisher bin 1	Staple, hole punch finisher bin 2	Booklet finisher
JIS B4	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Legal	<b>✓</b>	<b>√</b> 6	<b>✓</b>	<b>✓</b>
Letter	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Oficio	<b>√</b> 1	<b>✓</b>	<b>✓</b>	x
SRA3	<b>√</b> 1	<b>√</b> 3	<b>√</b> 1	<b>✓</b>
Statement	<b>√</b> 1	<b>√</b> 1	<b>√</b> 1	x
Universal	<b>✓</b>	<b>√</b> 1	<b>√</b> 5	<b>√</b> 3

<sup>&</sup>lt;sup>1</sup> Paper is supported but the finisher does not stack, staple, or punch holes in it.

### Supported paper types

### Paper types supported by the printer

Note: Labels, transparencies, envelopes, and card stock always print at reduced speed.

Paper type	2 x 500-sheet tray	2500-sheet tray	3000-sheet tray	Multipurpose feeder	Two-sided printing				
Bond	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>				
Envelope	х	х	х	<b>√</b>	х				
Card Stock	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>				
Colored Paper	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>				
Custom Type	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>				
Glossy	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>				
Heavy Glossy	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>				
Heavy Paper	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>				
Labels	х	х	х	<b>✓</b>	х				
Letterhead	<b>/</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>/</b>				
<sup>1</sup> Print in batches of o	<sup>1</sup> Print in batches of only up to 20 to prevent them from sticking together								

<sup>&</sup>lt;sup>1</sup> Print in batches of only up to 20 to prevent them from sticking together.

<sup>&</sup>lt;sup>2</sup> Paper is supported only if the finisher stacks and punches holes in it but does not staple it.

 $<sup>^3</sup>$  Paper is supported only if the paper size is 210 x 279.4 mm to 320 x 457.2 mm (8.27 x 11 in. to 12.6 x 18 in.).

<sup>&</sup>lt;sup>4</sup> Paper is supported only if the finisher stacks and staples the paper but does not punch holes in it.

<sup>&</sup>lt;sup>5</sup> Paper is supported only if the finisher stacks the paper but does not staple or punch holes in it.

<sup>&</sup>lt;sup>6</sup> Paper is supported only for two-hole punch.

Paper type	2 x 500-sheet tray	2500-sheet tray	3000-sheet tray	Multipurpose feeder	Two-sided printing		
Light Paper	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>		
Plain Paper	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>		
Preprinted	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>		
Recycled	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>		
Rough Envelope	x	x	x	<b>✓</b>	x		
Rough Cotton	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>		
Transparencies <sup>1</sup>	x	X	X	<b>✓</b>	X		
Vinyl Labels	х	x	x	x	x		
<sup>1</sup> Print in batches of only up to 20 to prevent them from sticking together.							

ADF Scanner Paper type **Bond Envelope Card Stock Colored Paper Custom Type** Glossy **Heavy Glossy Heavy Paper** Labels Letterhead **Light Paper Plain Paper Preprinted** Recycled **Rough Envelope Rough Cotton** Transparencies<sup>1</sup> <sup>1</sup> Print in batches of only up to 20 to prevent them from sticking together.

Paper type	ADF	Scanner				
Vinyl Labels	<b>✓</b>	<b>✓</b>				
<sup>1</sup> Print in batches of only up to 20 to prevent them from sticking together.						

### Paper types supported by the finisher

Paper type	Staple finisher		Staple	Booklet		
	Non-finishing	Staple	Non-finishing	Staple	Hole punch	finisher
Bond	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Card Stock	<b>√</b>	х	<b>√</b>	x	<b>√</b>	х
Glossy	<b>√</b>	x	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Heavy Glossy	<b>√</b>	x	<b>✓</b>	x	<b>√</b>	х
Labels	<b>√</b>	х	<b>✓</b>	x	х	x
Plain Paper	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>
Recycled	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Transparencies <sup>1</sup>	<b>√</b>	x	<b>✓</b>	x	х	x
Vinyl Labels	Х	Х	Х	Х	Х	Х
Envelope	<b>√</b>	х	<b>√</b>	х	х	х
Rough Envelope	<b>√</b>	x	<b>√</b>	х	х	х
Letterhead	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Preprinted	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Colored Paper	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Light Paper	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Heavy Paper	<b>✓</b>	х	<b>✓</b>	х	х	x
Rough Cotton	<b>✓</b>	х	<b>/</b>	х	х	x
Custom Type	<b>✓</b>	<b>✓</b>	<b>/</b>	<b>✓</b>	<b>✓</b>	<b>√</b>
<sup>1</sup> Print in batches of	of only up to 20 t	o prevent then	t n from sticking to	gether.		-

### Supported paper weights

Paper type	Standard 550-sheet tray	2 x 500-sheet tray	2500-sheet tray	3000-sheet tray	Multipurpose feeder
Plain paper	60–256 g/m <sup>2</sup> (16–68 lb)				
Glossy	60-256 g/m² (16-68 lb)				
Card stock	60-256 g/m <sup>2</sup> (16-68 lb)				
Labels	N/A	N/A	N/A	N/A	60–256 g/m² (16– 68 lb)
Envelopes	N/A	N/A	N/A	N/A	75–256 g/m² (20– 68 lb)

### Unacceptable paper

The following paper types are not recommended for use with the printer:

- Chemically treated papers that are used to make copies without carbon paper. They are also known as carbonless papers, carbonless copy paper (CCP), or no carbon required (NCR) paper.
- Preprinted papers with chemicals that may contaminate the printer.
- Preprinted papers that can be affected by the temperature in the printer fuser.
- Preprinted papers that require a registration (the precise print location on the page) greater than ±2.3 mm (±0.09 in.). For example, optical character recognition (OCR) forms.

Sometimes, registration can be adjusted with a software app to print successfully on these forms.

- Coated papers (erasable bond), synthetic papers, or thermal papers.
- Rough-edged, rough or heavily textured surface papers, or curled papers.
- Papers that fail EN12281:2002 (European).
- Paper weighing less than 60 g/m<sup>2</sup> (16 lb).
- Multiple-part forms or documents.

### Using recycled paper

Lexmark works to reduce the environmental impact of paper by providing customers choices when it comes to printing. One way we achieve this is by testing products to ensure recycled paper may be used—specifically, papers made with 30%, 50%, and 100% post-consumer recycled content. Our expectation is that recycled papers perform as well as virgin paper in our printers. While no official standard exists for office equipment use of paper, Lexmark uses European Standard EN 12281 as a minimum properties standard. To ensure breadth of testing, test paper includes 100% recycled papers from North America, Europe, and Asia, and tests are conducted at 8–80% relative humidity. Testing includes duplex printing. Office paper using renewable, recycled, or chlorine-free content may all be used.

## **Printing**

### **Printing from a computer**

**Note:** For labels, card stock, and envelopes, set the paper size and type in the printer before printing the document.

- 1 From the document that you are trying to print, open the Print dialog.
- **2** If necessary, adjust the settings.
- 3 Print the document.

### Printing from a mobile device

Printing from a mobile device using Lexmark Mobile Print

### Printing from a mobile device using Lexmark Mobile Print

Lexmark<sup>TM</sup> Mobile Print allows you to send documents and images directly to a supported Lexmark printer.

1 Open the document, and then send or share the document to Lexmark Mobile Print.

**Note:** Some third-party applications may not support the send or share feature. For more information, see the documentation that came with the application.

- **2** Select a printer.
- **3** Print the document.

### Printing from a mobile device using Google Cloud Print

Google Cloud Print<sup>TM</sup> is a printing service that allows you to print to any Google Cloud Print-ready printer.

Before you begin, make sure that:

- The printer is registered to the Google Cloud Print server.
- The Cloud Print plugin is downloaded from the Google Play<sup>TM</sup> store and is enabled in the mobile device.
- **1** From your Android<sup>TM</sup> mobile device, open a document or select a document from your file manager.
- 2 Tap : > Print.
- **3** Select a printer, and then tap ...

### Printing from a mobile device using Mopria Print Service

Mopria® Print Service is a mobile printing solution for mobile devices running on Android version 5.0 or later. It allows you to print directly to any Mopria-certified printer.

**Note:** Make sure that you download the Mopria Print Service application from the Google Play store and enable it in the mobile device.

- **1** From your Android mobile device, launch a compatible application or select a document from your file manager.
- **2** Tap **Print**.
- **3** Select a printer, and then adjust the settings, if necessary.
- **4** Tap ☐.

### Printing from a mobile device using AirPrint

The AirPrint software feature is a mobile printing solution that allows you to print directly from Apple devices to an AirPrint-certified printer.

#### Notes:

- Make sure that the Apple device and the printer are connected to the same network. If the network has multiple wireless hubs, then make sure that both devices are connected to the same subnet.
- This application is supported only in some Apple devices.
- 1 From your mobile device, select a document from your file manager or launch a compatible application.
- 2 Tap 🗂 > Print.
- **3** Select a printer, and then adjust the settings, if necessary.
- 4 Print the document.

### Printing from a mobile device using Wi-Fi Direct®

Wi-Fi Direct® is a printing service that lets you print to any Wi-Fi Direct-ready printer.

**Note:** Make sure that the mobile device is connected to the printer wireless network. For more information, see <u>"Connecting a mobile device to the printer" on page 165.</u>

- 1 From your mobile device, launch a compatible application or select a document from your file manager.
- **2** Depending on your mobile device, do one of the following:
  - Tap : > Print.
  - Tap 🗂 > **Print**.
  - Tap ••• > **Print**.
- **3** Select a printer, and then adjust the settings, if necessary.
- 4 Print the document.

### Printing from a flash drive

1 Insert the flash drive.



#### **Notes:**

- If you insert the flash drive when an error message appears, then the printer ignores the flash drive.
- If you insert the flash drive while the printer is processing other print jobs, then **Busy** appears on the display.
- **2** From the display, touch the document that you want to print. If necessary, configure other print settings.
- **3** Send the print job.

To print another document, touch **USB Drive**.

**Warning—Potential Damage:** To avoid loss of data or printer malfunction, do not touch the flash drive or the printer in the area shown while actively printing, reading, or writing from the memory device.



## Supported flash drives and file types

#### Flash drives

- Lexar JumpDrive S70 (16GB and 32GB)
- SanDisk Cruzer (16GB and 32GB)
- PNY Attache (16GB and 32GB)

#### **Notes:**

- The printer supports high-speed USB flash drives with full-speed standard.
- USB flash drives must support the File Allocation Table (FAT) system.

### File types

#### **Documents**

- PDF (version 1.7 or earlier)
- HTML
- XPS
- Microsoft file formats (.doc, .docx, .xls, .xlsx, .ppt, .pptx)

#### **Images**

- .dcx
- .gif
- .JPEG or .jpg
- .bmp
- .pcx
- .TIFF or .tif
- .png

### **Configuring confidential jobs**

**1** From the control panel, navigate to:

**Settings > Security > Confidential Print Setup** 

**2** Configure the settings.

Use	То	
Max Invalid PIN	Set the number of times an invalid PIN can be entered.	
	Note: When the limit is reached, the print jobs for that user name are deleted.	
Confidential Job	Set the expiration time for confidential print jobs.	
Expiration	<b>Note:</b> Confidential held jobs are stored in the printer until they are released or deleted manually.	
Repeat Job Expiration	Set the expiration time for a repeat print job.	
	Note: Repeat held jobs are stored in the printer memory for reprinting.	

Use	То	
Verify Job Expiration	Set the expiration time that the printer prints a copy before printing the remaining copies.	
	<b>Note:</b> Verify jobs print one copy to check if it is satisfactory before printing the remaining copies.	
Reserve Job Expiration	Set the expiration time that the printer stores print jobs.	
	Note: Reserve held jobs are automatically deleted after printing.	
Require All Jobs to be Held	Set the printer to hold all print jobs.	
Keep duplicate documents	Set the printer to print all documents with the same file name.	

### Printing confidential and other held jobs

#### For Windows users

- 1 With a document open, click File > Print.
- 2 Click Properties, Preferences, Options, or Setup.
- 3 Click Print and Hold.
- **4** Select **Use Print and Hold**, and then assign a user name.
- **5** Select the print job type (Confidential, Repeat, Reserve, or Verify). If the print job is confidential, then enter a four-digit PIN.
- 6 Click **OK** or **Print**.
- **7** From the printer home screen, release the print job.
  - For confidential print jobs, navigate to:
     Held jobs > select your user name > Confidential > enter the PIN > select the print job > configure the settings > Print
  - For other print jobs, navigate to:
     Held jobs > select your user name > select the print job > configure the settings > Print

#### For Macintosh users

- 1 With a document open, choose File > Print.
  If necessary, click the disclosure triangle to see more options.
- 2 From the print options or Copies & Pages menu, choose Job Routing.
- **3** Select the print job type (Confidential, Repeat, Reserve, or Verify). If the print job is confidential, then assign a user name and a four-digit PIN.
- 4 Click OK or Print.

- **5** From the printer home screen, release the print job.
  - For confidential print jobs, navigate to:
    - **Held jobs** > select your user name > **Confidential** > enter the PIN > select the print job > configure the settings > **Print**
  - For other print jobs, navigate to:
    - Held jobs > select your user name > select the print job > configure the settings > Print

### Printing a font sample list

- 1 From the home screen, touch **Settings** > **Reports** > **Print** > **Print** Fonts.
- 2 Touch PCL Fonts or PS Fonts.

### **Printing a directory list**

From the home screen, touch **Settings** > **Reports** > **Print** > **Print Directory**.

## Canceling a print job

#### From the printer control panel

1 From the home screen, touch Job Queue.

Note: You can also access this setting by touching the top section of the home screen.

**2** Select the job to cancel.

#### From the computer

- **1** Depending on the operating system, do either of the following:
  - Open the printers folder, and then select your printer.
  - From the System Preferences in the Apple menu, navigate to your printer.
- **2** Select the job to cancel.

56 Copying

## Copying

### Using the automatic document feeder and scanner glass

#### Automatic document feeder (ADF)



- Use the ADF for multiple-page or two-sided documents.
- Load an original document faceup. For multiple-page documents, make sure to align the leading edge before loading.
- Make sure to adjust the ADF guides to match the width of the paper that you are loading.

#### Scanner glass



- Use the scanner glass for single-page documents, book pages, small items (such as postcards or photos), transparencies, photo paper, or thin media (such as magazine clippings).
- Place the document facedown in the corner with the arrow.

### Making copies

**1** Load an original document into the ADF tray or on the scanner glass.

Note: To avoid a cropped image, make sure that the original document and output have the same paper

- **2** From the home screen, touch **Copy**, and then specify the number of copies. If necessary, adjust the copy settings.
- **3** Copy the document.

Note: To make a quick copy, from the control panel, press



## **Copying photos**

- **1** Place a photo on the scanner glass.
- **2** From the home screen, navigate to:
  - Copy > Content > Content Type > Photo
- 3 In the Content Source menu, select the setting that best matches the original photo.
- **4** Copy the photo.

Copying 57

### Copying on letterhead

- **1** Load an original document into the ADF tray or on the scanner glass.
- **2** From the home screen, touch **Copy** > **Copy From** > select the size of the original document.
- **3** Touch **Copy To**, and then select the paper source that contains the letterhead.
  - If you loaded the letterhead into the multipurpose feeder, then navigate to:
  - Copy To > Multipurpose Feeder > select a paper size > Letterhead
- **4** Copy the document.

### Copying on both sides of the paper

- 1 Load an original document into the ADF tray or on the scanner glass.
- **2** From the home screen, touch **Copy** > **Paper Setup**.
- **3** Adjust the settings.
- **4** Copy the document.

### Reducing or enlarging copies

- 1 Load an original document into the ADF tray or on the scanner glass.
- **2** From the home screen, navigate to:
  - Copy > Scale > specify a scale value

**Note:** Changing the size of the original document or output after setting Scale restores the scale value to Auto.

**3** Copy the document.

### **Collating copies**

- 1 Load an original document into the ADF tray or on the scanner glass.
- **2** From the home screen, touch **Copy** > **Collate** > **On** [1,2,1,2,1,2].
- **3** Copy the document.

### Placing separator sheets between copies

- **1** Load an original document into the ADF tray or on the scanner glass.
- **2** From the home screen, touch **Copy** > **Separator Sheets**.
- **3** Adjust the settings.
- 4 Send the copy job.

Copying 58

## Copying multiple pages onto a single sheet

- 1 Load an original document into the ADF tray or on the scanner glass.
- **2** From the home screen, touch **Copy** > **Pages per Side**.
- **3** Adjust the settings.
- **4** Copy the document.

### Creating a copy shortcut

- **1** From the home screen, touch **Copy**.
- **2** Configure the settings, and then touch **1**.
- 3 Create a shortcut.

E-mailing 59

## E-mailing

### Using the automatic document feeder and scanner glass

### Automatic document feeder (ADF)



- Use the ADF for multiple-page or two-sided documents.
- Load an original document faceup. For multiple-page documents, make sure to align the leading edge before loading.
- Make sure to adjust the ADF guides to match the width of the paper that you are loading.

#### Scanner glass



- Use the scanner glass for single-page documents, book pages, small items (such as postcards or photos), transparencies, photo paper, or thin media (such as magazine clippings).
- Place the document facedown in the corner with the arrow.

### Configuring the SMTP server for e-mail

#### From the control panel

- **1** From the control panel, touch **Settings** > **E-mail** > **E-mail** Setup.
- **2** Configure the settings.

#### From the Embedded Web Server

1 Open a web browser, and then type the printer IP address in the address field.

#### Notes:

- View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.
- If you are using a proxy server, then temporarily disable it to load the web page correctly.
- 2 Click Settings > E-mail.
- **3** From the E-mail Setup section, configure the settings.
- 4 Click Save.

E-mailing 60

### Sending an e-mail

#### Using the control panel

- **1** Load an original document into the ADF tray or on the scanner glass.
- **2** From the home screen, touch **E-mail**, and then enter the needed information.
  - Note: You can also enter the recipient using the address book or shortcut number.
- **3** If necessary, configure the output file type settings.
- 4 Send the e-mail.

#### Using the shortcut number

- **1** From the control panel, press #, and then enter the shortcut number using the keypad.
- 2 Send the e-mail.

## Creating an e-mail shortcut

- 1 From the home screen, touch **E-mail**.
- **2** Configure the settings, and then touch **1**.
- **3** Enter a shortcut name.
- 4 Apply the changes.

## **Faxing**

### Setting up the printer to fax

#### **Notes:**

- The following connection methods are applicable only in some countries or regions.
- During the initial printer setup, clear the fax function check box and any other function you plan to set up later, and then touch **Continue**.
- The indicator light may blink red if the fax function is enabled and not fully set up.

**Warning—Potential Damage:** Do not touch cables or the printer in the area shown while actively sending or receiving a fax.



### Configuring the SMTP server for fax

#### From the control panel

- 1 From the control panel, touch Settings > Fax > Fax Server Setup > Fax Server E-mail Settings.
- **2** Configure the settings.

**Note:** To use the SMTP server setting for e-mail, enable **Use E-mail SMTP Server**.

#### From the Embedded Web Server

1 Open a web browser, and then type the printer IP address in the address field.

#### Notes:

- View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.
- If you are using a proxy server, then temporarily disable it to load the web page correctly.
- 2 Click Settings > Fax > Fax Server Setup.
- **3** From the Fax Server E-mail Settings section, configure the settings.

Note: To use the SMTP server setting for e-mail, enable Use E-mail SMTP Server.

4 Click Save.

### Setting up fax using a standard telephone line



**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not set up this product or make any electrical or cabling connections, such as the power cord, fax feature, or telephone, during a lightning storm.

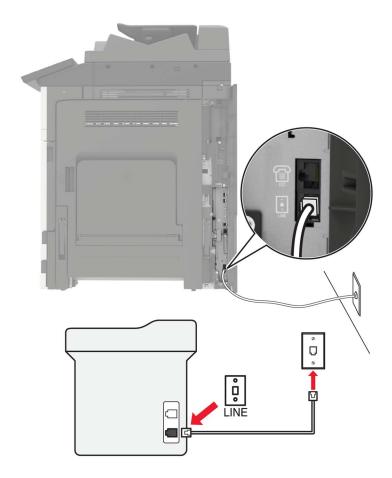


**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not use the fax feature during a lightning storm.



**CAUTION—POTENTIAL INJURY:** To reduce the risk of fire, use only a 26 AWG or larger telecommunications (RJ-11) cord when connecting this product to the public switched telephone network. For users in Australia, the cord must be approved by the Australian Communications and Media Authority.

#### Setup 1: Printer is connected to a dedicated fax line



- **1** Connect one end of the telephone cable to the line port of the printer.
- **2** Connect the other end of the cable to an active analog wall jack.

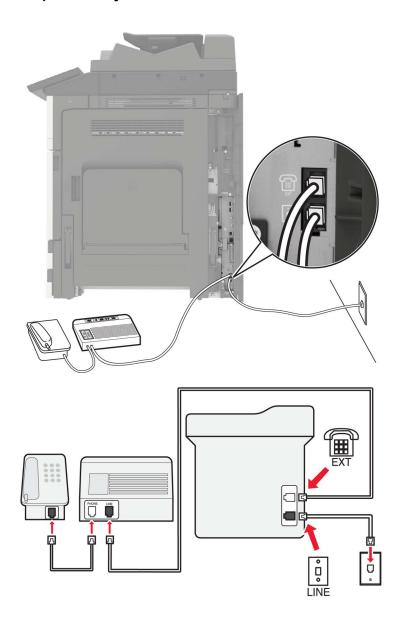
#### Notes:

- You can set the printer to receive faxes automatically (Auto Answer On) or manually (Auto Answer Off).
- If you want to receive faxes automatically, then set the printer to pick up on a specified number of rings.

### Setup 2: Printer is sharing the line with an answering machine

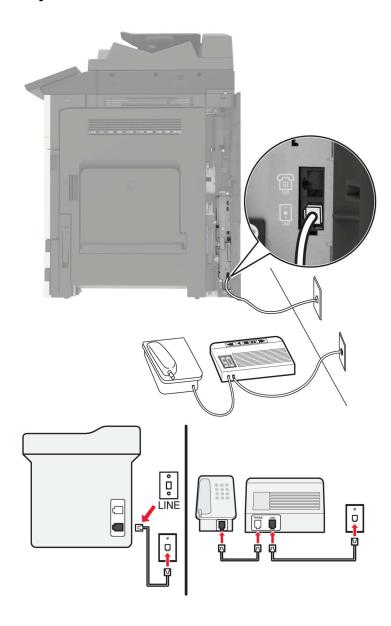
**Note:** If you subscribe to a distinctive ring service, then make sure that you set the correct ring pattern for the printer. Otherwise, the printer does not receive faxes even if you have set it to receive faxes automatically.

#### Connected to the same telephone wall jack



- **1** Connect one end of the telephone cable to the line port of the printer.
- **2** Connect the other end of the cable to an active analog wall jack.
- **3** Connect the answering machine to the telephone port of the printer.

#### Connected to different wall jacks

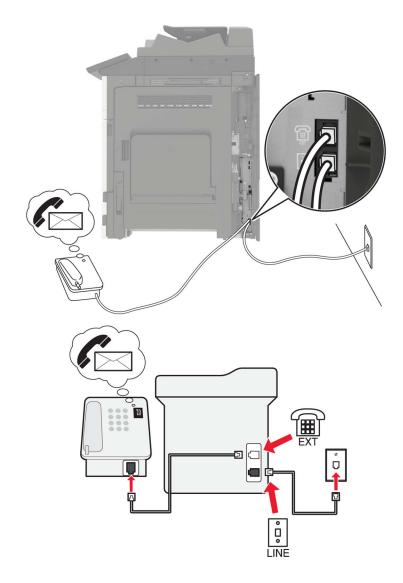


- **1** Connect one end of the telephone cable to the line port of the printer.
- **2** Connect the other end of the cable to an active analog wall jack.

#### **Notes:**

- If you have only one telephone number on your line, then set the printer to receive faxes automatically.
- Set the printer to pick up calls two rings after the answering machine. For example, if the answering machine picks up calls after four rings, then set the printer Rings to Answer setting to six.

Setup 3: Printer is sharing the line with a telephone subscribed to voice mail service



- **1** Connect one end of the telephone cable to the line port of the printer.
- **2** Connect the other end of the cable to an active analog wall jack.
- **3** Connect the telephone to the telephone port of the printer.

#### **Notes:**

- This setup works best if you are using voice mail more often than fax, and if you subscribe to a distinctive ring service.
- When you answer the telephone and you hear fax tones, press \*9\* or the manual answer code on the telephone to receive the fax.
- You can also set the printer to receive faxes automatically, but turn off the voice mail service when you are expecting a fax.

### Setting up fax using digital subscriber line



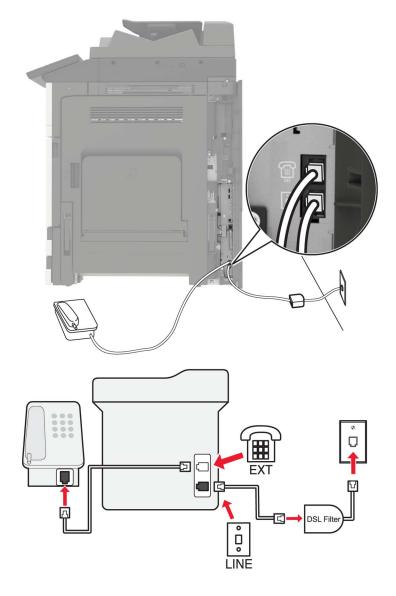
**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not set up this product or make any electrical or cabling connections, such as the power cord, fax feature, or telephone, during a lightning storm.



**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not use the fax feature during a lightning storm.



**CAUTION—POTENTIAL INJURY:** To reduce the risk of fire, use only a 26 AWG or larger telecommunications (RJ-11) cord when connecting this product to the public switched telephone network. For users in Australia, the cord must be approved by the Australian Communications and Media Authority.



Digital subscriber line (DSL) splits your regular telephone line into two channels: voice and Internet. Telephone and fax signals travel through the voice channel, and Internet signals pass through the other channel.

To minimize interference between the two channels, ask for a DSL filter from your DSL provider.

- **1** Connect the line port of the DSL filter to the wall jack.
- **2** Connect one end of the telephone cable to the line port of the printer.
- **3** Connect the other end of the cable to the telephone port on the DSL filter.

**Note:** To connect a telephone to the printer, remove any installed adapter plug from the telephone port of the printer, and then connect the telephone.

### Setting up fax using VoIP telephone service



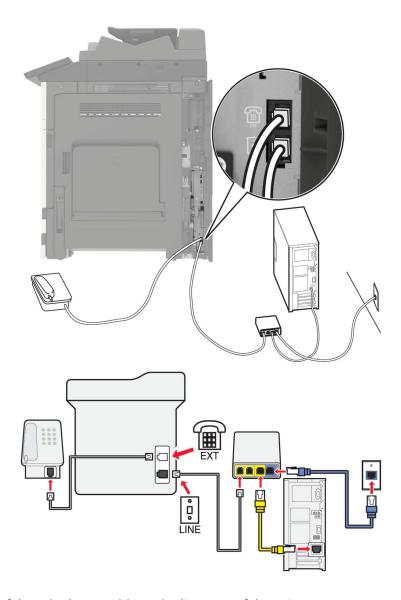
**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not set up this product or make any electrical or cabling connections, such as the power cord, fax feature, or telephone, during a lightning storm.



**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not use the fax feature during a lightning storm.



**CAUTION—POTENTIAL INJURY:** To reduce the risk of fire, use only a 26 AWG or larger telecommunications (RJ-11) cord when connecting this product to the public switched telephone network. For users in Australia, the cord must be approved by the Australian Communications and Media Authority.



- **1** Connect one end of the telephone cable to the line port of the printer.
- 2 Connect the other end of the cable to the port labeled Phone Line 1 or Phone Port on the VoIP adapter.

**Note:** The port labeled **Phone Line 2** or **Fax Port** is not always active. VoIP providers may charge extra cost for the activation of the second telephone port.

**3** Connect the telephone to the telephone port of the printer.

#### **Notes:**

- To check if the telephone port on the VoIP adapter is active, plug an analog telephone into the port, and then listen for a dial tone.
- If you need two telephone ports for your devices, but do not want to pay extra cost, then use a phone splitter. Plug the phone splitter into the port labeled **Phone Line 1** or **Phone Port**, and then plug the printer and telephone into the splitter.
- To check the splitter, plug an analog telephone into the splitter, and then listen for a dial tone.

### Setting up fax using cable modem connection

4

**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not set up this product or make any electrical or cabling connections, such as the power cord, fax feature, or telephone, during a lightning storm.

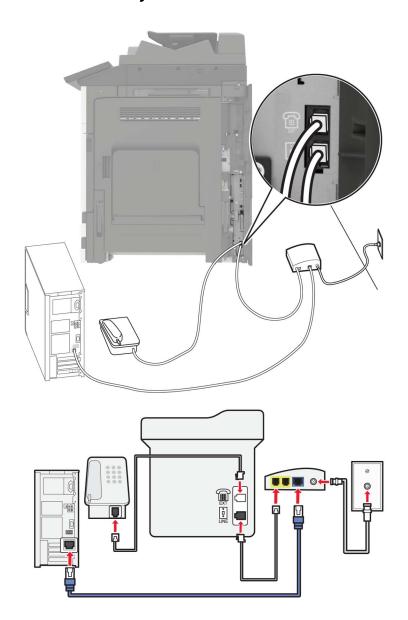


**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not use the fax feature during a lightning storm.



**CAUTION—POTENTIAL INJURY:** To reduce the risk of fire, use only a 26 AWG or larger telecommunications (RJ-11) cord when connecting this product to the public switched telephone network. For users in Australia, the cord must be approved by the Australian Communications and Media Authority.

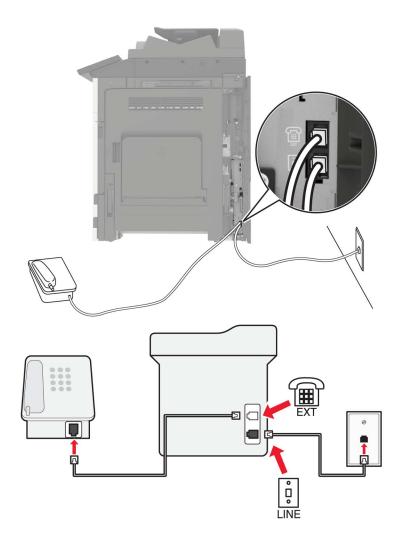
Setup 1: Printer is connected directly to a cable modem



- **1** Connect one end of the telephone cable to the line port of the printer.
- 2 Connect the other end of the cable to the port labeled **Phone Line 1** or **Phone Port** on the cable modem.
- **3** Connect your analog telephone to the telephone port of the printer.

**Note:** To check if the telephone port on the cable modem is active, connect an analog telephone, and then listen for a dial tone.

Setup 2: Printer is connected to a wall jack; cable modem is installed elsewhere in the facility



- **1** Connect one end of the telephone cable to the line port of the printer.
- **2** Connect the other end of the cable to an active analog telephone wall jack.
- **3** Connect your analog telephone to the telephone port of the printer.

# Setting up fax in countries or regions with different telephone wall jacks and plugs



**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not set up this product or make any electrical or cabling connections, such as the power cord, fax feature, or telephone, during a lightning storm.



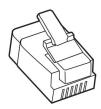
**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, do not use the fax feature during a lightning storm.



**CAUTION—POTENTIAL INJURY:** To reduce the risk of fire, use only a 26 AWG or larger telecommunications (RJ-11) cord when connecting this product to the public switched telephone network. For users in Australia, the cord must be approved by the Australian Communications and Media Authority.

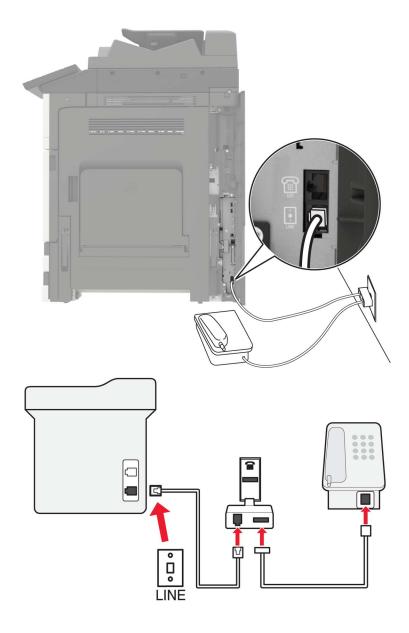
The standard wall jack adopted by most countries or regions is RJ11. If the wall jack or equipment in your facility is not compatible with this type of connection, then use a telephone adapter. An adapter for your country or region may not come with your printer, and you may need to purchase it separately.

There may be an adapter plug installed in the telephone port of the printer. Do not remove the adapter plug from the telephone port of the printer if you are connecting to a serial or cascaded telephone system.



Part name	Part number
Lexmark adapter plug	40X8519

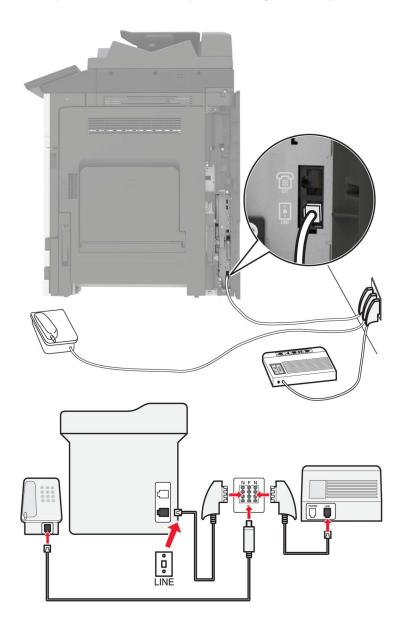
### Connecting the printer to a non-RJ11 wall jack



- **1** Connect one end of the telephone cable to the line port of the printer.
- 2 Connect the other end of the cable to the RJ11 adapter, and then connect the adapter to the wall jack.
- **3** If you want to connect another device with a non-RJ11 connector to the same wall jack, then connect it directly to the telephone adapter.

#### Connecting the printer to a wall jack in Germany

The German wall jack has two kinds of ports. The N ports are for fax machines, modems, and answering machines. The F port is for telephones. Connect the printer to any of the N ports.



- **1** Connect one end of the telephone cable to the line port of the printer.
- **2** Connect the other end of the cable to the RJ11 adapter, and then connect the adapter to an N port.
- **3** If you want to connect a telephone and answering machine to the same wall jack, then connect the devices as shown.

#### Connecting to a distinctive ring service

A distinctive ring service lets you have multiple telephone numbers on one telephone line. Each telephone number is assigned a different ring pattern.

- 1 From the home screen, touch Settings > Fax > Fax Setup > Fax Receive Settings > Admin Controls > Answer On.
- **2** Select a ring pattern.

#### Setting the fax date and time

- 1 From the home screen, touch Settings > Device > Preferences > Date and Time > Configure.
- **2** Configure the settings.

#### Configuring daylight saving time

- 1 From the home screen, touch Settings > Device > Preferences > Date and Time > Configure.
- 2 In the Time Zone menu, select (UTC+user) Custom.
- **3** Configure the settings.

## Using the automatic document feeder and scanner glass

# Use the ADF for multiple-page or two-sided documents. Load an original document faceup. For multiple-page documents, make sure to align the leading edge before loading. Make sure to adjust the ADF guides to match the width of the paper that you are loading. Use the scanner glass for single-page documents, book pages, small items (such as postcards or photos), transparencies, photo paper, or thin media (such as magazine clippings). Place the document facedown in the corner with the arrow.

#### Sending a fax

#### Using the control panel

- **1** Load the original document into the ADF tray or on the scanner glass.
- **2** From the home screen, touch **Fax**, and then enter the needed information.
- **3** If necessary, configure other fax settings.
- **4** Send the fax job.

#### Using the computer

Note: Make sure that the Universal Fax driver is installed.

#### For Windows users

- 1 With a document open, click File > Print.
- 2 Select the printer, and then click Properties, Preferences, Options, or Setup.
- **3** Click **Fax** > **Enable fax**, and then enter the recipient number.
- 4 If necessary, configure other fax settings.
- **5** Send the fax job.

#### For Macintosh users

- 1 With a document open, choose File > Print.
- **2** Select the printer and enter the recipient number.
- **3** If necessary, configure other fax settings.
- 4 Send the fax job.

## Scheduling a fax

- 1 Load the original document into the ADF tray or on the scanner glass.
- **2** From the home screen, navigate to:
  - Fax > To > enter the fax number > Done
- **3** Touch **Send Time**, configure the settings, and then touch **Done**.
- 4 Send the fax.

#### Creating a fax destination shortcut

- 1 From the home screen, touch Fax > To.
- **2** Enter the recipient number, and then touch **Done**.

- 3 Touch
- 4 Create a shortcut.

#### Changing the fax resolution

- **1** Load an original document into the ADF tray or on the scanner glass.
- **2** From the home screen, touch **Fax**, and then enter the needed information.
- **3** Touch **Resolution**, and then adjust the setting.
- 4 Send the fax.

#### Adjusting the fax darkness

- 1 Load an original document into the ADF tray or on the scanner glass.
- **2** From the home screen, touch **Fax**, and then enter the needed information.
- **3** Touch **Darkness**, and then adjust the setting.
- 4 Send the fax.

#### **Printing a fax log**

- 1 From the home screen, touch Settings > Reports > Fax.
- 2 Touch Fax Job Log or Fax Call Log.

#### **Blocking junk faxes**

- 1 From the home screen, touch Settings > Fax > Fax Setup > Fax Receive Settings > Admin Controls.
- 2 Set Block No Name Fax to On.

#### Holding faxes

- 1 From the home screen, touch Settings > Fax > Fax Setup > Fax Receive Settings > Holding Faxes.
- 2 Select a mode.

#### Forwarding a fax

- 1 From the home screen, touch Settings > Fax > Fax Setup > Fax Receive Settings > Admin Controls.
- **2** Touch **Fax Forwarding** > **Forward**.
- **3** Configure the Forward to and Confirmation E-mail settings.

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# **Scanning**

#### Using the automatic document feeder and scanner glass

#### Automatic document feeder (ADF)



- Use the ADF for multiple-page or two-sided documents.
- Load an original document faceup. For multiple-page documents, make sure to align the leading edge before loading.
- Make sure to adjust the ADF guides to match the width of the paper that you are loading.

#### Scanner glass



- Use the scanner glass for single-page documents, book pages, small items (such as postcards or photos), transparencies, photo paper, or thin media (such as magazine clippings).
- Place the document facedown in the corner with the arrow.

#### Scanning to an FTP server

- **1** Load the original document into the ADF tray or on the scanner glass.
- **2** From the home screen, touch **FTP**, and then enter the needed information.
- **3** If necessary, configure other FTP settings.
- 4 Send the FTP job.

#### Creating an FTP shortcut

- **1** From the home screen, touch **FTP**.
- **2** Enter the FTP server address, and then touch **1**.



3 Create a shortcut.

#### Creating a network folder shortcut

1 Open a web browser, and then type the printer IP address in the address field.

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#### **Notes:**

• View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.

- If you are using a proxy server, then temporarily disable it to load the web page correctly.
- 2 Click Shortcuts > Add Shortcut.
- **3** From the Shortcut Type menu, select **Network Folder**, and then configure the settings.
- 4 Apply the changes.

#### Scanning to a flash drive

- **1** Load an original document into the ADF tray or on the scanner glass.
- 2 Insert the flash drive.



**3** Touch **Scan to USB** and adjust the settings if necessary.

**Note:** If the USB Drive screen does not appear, then touch **USB Drive** on the home screen.

**4** Scan the document.

**Warning—Potential Damage:** To avoid loss of data or printer malfunction, do not touch the flash drive or the printer in the area shown while actively printing, reading, or writing from the memory device.

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## Sending scanned documents to a computer

- **1** Load an original document into the ADF tray or on the scanner glass.
- **2** From the home screen, touch **Scan Profiles** > **Scan To Computer**.
- **3** Select the scan profile where you want to save the document.

# **Understanding the printer menus**

# Menu map

Device	• <u>Preferences</u>	Accessibility
	• <u>Eco-Mode</u>	• Restore Factory Defaults
	Remote Operator Panel	Maintenance
	• Notifications	Visible Home Screen Icons
	<ul> <li>Power Management</li> </ul>	About this Printer
	Information Sent to Lexmark	
Print	• <u>Layout</u>	• PDF
	• <u>Finishing</u>	• PostScript
	• <u>Setup</u>	• PCL
	• Quality	• HTML
	• Job Accounting	• <u>Image</u>
	• XPS	
Paper	• <u>Tray Configuration</u>	Bin Configuration
	Media Configuration	
Сору	Copy Defaults	
Fax	Fax Defaults	
E-mail	• E-mail Setup	Web Link Setup
	• E-mail Defaults	
FTP	FTP Defaults	
USB Drive	• Flash Drive Scan	• Flash Drive Print
Network/Ports	Network Overview	• <u>LPD Configuration</u>
	• Wireless	• HTTP/FTP Settings
	• <u>Ethernet</u>	• <u>ThinPrint</u>
	• TCP/IP	• <u>USB</u>
	• <u>SNMP</u>	Restrict external network access
	• IPSec	Google Cloud Print
	• <u>802.1x</u>	Wi-Fi Direct
Security	Login Methods	Disk Encryption
	• Schedule USB Devices	• Erase Temporary Data Files
	Security Audit Log	Solutions LDAP Settings
	Login Restrictions	• <u>Miscellaneous</u>
	Confidential Print Setup	
Reports	Menu Settings Page	• <u>Shortcuts</u>
	• <u>Device</u>	• <u>Fax</u>
	• Print	• Network

Help	Print All Guides	Information Guide
	Mono Quality Guide	Media Guide
	Connection Guide	Moving Guide
	Copy Guide	Print Quality Guide
	E-mail Guide	Scan Guide
	Fax Guide	Supplies Guide
	FTP Guide	
Troubleshooting	Print Quality Test Pages	Cleaning the Scanner

## **Device**

#### **Preferences**

Menu item	Description
Display Language	Set the language of the text that appears on the display.
Country/Region	Identify the country or region that the printer is configured to operate.
Run initial setup	Run the setup wizard.
Off*	
On	
Keyboard	Select a language as a keyboard type.
Keyboard Type	<b>Note:</b> All the Keyboard Type values may not appear or may require special hardware be installed to appear.
Displayed information	Specify the information to appear on the home screen.
Display Text 1 (IP Address*)	
Display Text 2 (Date/Time*)	
Custom Text 1	
Custom Text 2	
Date and Time	Configure the printer date and time and network time protocol.
Configure	
Current Date and Time	
Manually Set Date and Time	
Date Format (MM-DD-YYYY*)	
Time Format (12 hour A.M./P.M.*)	
Time Zone (UTC-5:00*)	
Network Time Protocol	
Enable NTP (On*)	
NTP Server	
Enable Authentication	
Note: An asterisk (*) next to a value indicates the fa	ctory default setting.

Menu item	Description
Paper Sizes U.S.* Metric	Specify the unit of measurement for paper sizes.  Note: The country or region selected in the initial setup wizard determines the initial paper size setting.
Screen Brightness 20–100% (100*)	Adjust the brightness of the display.
Flash Drive Access Enabled* Disabled	Enable access to the flash drive.
Allow Background Removal Off On*	Specify whether background removal is allowed.
Allow Custom Job scans Off On*	Specify whether the Custom Job Scanning setting appears for copy, scan, and fax.  Note: This menu item appears only when a hard disk is installed.
One Page Flatbed Scanning Off* On	Set the printer to scan any type of job involving the scanner glass as a single page.  Note: The printer returns to the home screen after performing a single flatbed scan instead of displaying prompts.
Output Lighting Off On*	Enable the integrated output light or indicator light of an optional output bin.
Audio Feedback  Button Feedback (On*)  Volume (5*)	<ul> <li>Enable audio feedback for button presses, panel interactions, paper loaded prompts, and error notifications.</li> <li>Adjust the feedback volume.</li> </ul>
Screen Timeout 5–300 seconds (60*)	Set the idle time before the display shows the home screen or before the printer logs out a user account automatically.
Note: An asterisk (*) next to a value indic	ates the factory default setting.

#### **Eco-Mode**

Menu item	Description
Print	Configure the print settings of the printer.
Sides (1-Sided*)	
Pages per Side (Off*)	
Toner Darkness (4*)	
Color Saver (Off*)	
Note: An asterisk (*) next to a value indicates the factory default setting.	

Menu item	Description
Сору	Configure the copy settings of the printer.
Sides (1 sided to 1 sided*)	
Pages per Side (Off*)	
Darkness (5*)	
Note: An asterisk (*) next to a value indicates the factory default setting.	

## **Remote Operator Panel**

Menu item	Description
External VNC Connection  Don't Allow*  Allow	Connect an external Virtual Network Computing (VNC) client to the remote control panel.
Authentication Type  None*  Standard Authentication	Set the authentication type when accessing the VNC client server.
VNC Password	Specify the password to connect to the VNC client server.  Note: This menu item appears only if Authentication Type is set to Standard Authentication.
Note: An asterisk (*) next to a value indicates the factory default setting.	

#### **Notifications**

Description
Enable a sound when loading paper into the ADF.
Set the number of times that the alarm sounds when the printer requires user intervention.
Show the estimated status of the supplies.
Set the number of times that the alarm sounds when the toner cartridge is low, the staple cartridge is empty, or the hole punch receptacle is full or missing respectively.  Note: The Staple Alarm and Hole Punch Alarm appear only when output options are installed.

Menu item	Description
Supplies Custom Supply Notifications	Set the unit that the printer uses to estimate supply usage and trigger custom notifications when user intervention is required.  Note: This menu item appears only in the Embedded Web Server.
E-mail Alerts Setup	Configure the e-mail settings of the printer.
E-mail Setup Primary SMTP Gateway Primary SMTP Gateway Port (25*) Secondary SMTP Gateway Secondary SMTP Gateway Port (25*) SMTP Timeout (30 seconds*) Reply Address Always use SMTP default Reply Address (Off*) Use SSL/TLS (Disabled* Require Trusted Certificate (On*) SMTP Server Authentication (No authentication required*) Device-Initiated E-mail (None*) User-Initiated E-mail (None*) Use Active Directory Device Credentials (Off*) Device Userid Device Password Kerberos 5 REALM NTLM Domain Disable "SMTP server not set up" error (Off*)	
E-mail Alerts Setup  Setup E-mail Lists and Alerts  E-mail List 1  E-mail List 2  E-mail Events	Specify the e-mail addresses and enable the e-mail alert events.  Note: This menu item appears only in the Embedded Web Server.
Error Prevention  Jam Assist  Off  On*	Set the printer to flush blank pages or pages with partial prints automatically after a jammed page has been cleared.
Error Prevention Auto Continue Off On* (5 seconds)	Let the printer continue processing or printing a job automatically after clearing certain printer conditions that require user intervention.
Note: An asterisk (*) next to a value indicates the fa	ctory default setting.

Menu item	Description
Error Prevention  Auto Reboot  Auto Reboot  Reboot when idle  Reboot always*  Reboot never	Set the printer to restart when an error occurs.
Error Prevention Auto Reboot Max Auto Reboots 1–20 (2*)	Set the number of automatic reboots that the printer can perform.
Error Prevention Auto Reboot Auto Reboot Window 1–525600 seconds (720*)	Set the time before the printer performs an automatic reboot.
Error Prevention Auto Reboot Auto Reboot Counter	Show a read-only information of the reboot counter.
Error Prevention Auto Reboot Reset Auto Reboot Counter Cancel Continue	Reset Auto Reboot Counter.
Error Prevention  Display Short Paper Error  On  Auto-clear*	Set the printer to show a message when a short paper error occurs.  Note: Short paper refers to the size of the paper loaded.
Error Prevention Page Protect Off* On	Set the printer to process the entire page into the memory before printing it.
Jam Content Recovery  Jam Recovery  Off  On  Auto*	Set the printer to reprint jammed pages.
Jam Content Recovery Scanner Jam Recovery Job level Page level*  Note: An asterisk (*) next to a value indicates the fa	Specify how to restart a scan job after resolving a paper jam.

## **Power Management**

Menu item	Description
Sleep Mode Profile Print from Sleep Mode Stay awake after printing Enter Sleep Mode after printing*	Set the printer to stay in Ready mode or return to Sleep mode after printing.
Timeouts Sleep Mode 1–120 minutes (15*)	Set the idle time before the printer begins operating in Sleep mode.
Timeouts  Hibernate Timeout  Disabled  1 hour  2 hours  3 hours  6 hours  1 day  2 days  3 days*  1 week  2 weeks  1 month	Set the time before the printer turns off.
Timeouts  Hibernate Timeout on Connection  Hibernate  Do Not Hibernate*	Set Hibernate Timeout to turn off the printer while an active Ethernet connection exists.
Schedule Power Modes Schedules Add New Schedule  Note: An asterisk (*) next to a value indicates the	Schedule the printer when to enter Sleep or Hibernate mode.

## **Information Sent to Lexmark**

Menu item	Description
Information Sent to Lexmark Supplies and Page Usage Device Performance None*	Send printer usage and performance information to Lexmark.  Note: Information Send Time appears only when you select any of the settings in Information Sent to Lexmark, except None.
Information Send Time	
Start Time	
Stop Time	
<b>Note:</b> An asterisk (*) next to a v	value indicates the factory default setting.

## Accessibility

Menu item	Description
<b>Duplicate Key Strike Interval</b> 0-5 (0*)	Set the interval in seconds during which the printer ignores duplicate key presses on an attached keyboard.
Key Repeat Initial Delay 0.25-5 (1*)	Set the initial length of delay in seconds before a repeating key starts repeating.
	<b>Note:</b> This menu item appears only when a keyboard is attached to the printer.
Key Repeat Rate	Set the number of presses per second for a repeating key.
0.5–30 (30*)	<b>Note:</b> This menu item appears only when a keyboard is attached to the printer.
Prolong Screen Timeout Off* On	Let the user remain in the same location and reset the Screen Timeout timer when it expires instead of returning to the home screen.
Headphone Volume	Adjust the headphone volume.
1–10 (5*)	<b>Note:</b> This menu item appears only when a headphone is attached to the printer.
Enable Voice Guidance When Headphone Is Attached Off* On	Enable Voice Guidance when a headphone is attached to the printer.
Speak Passwords/PINs Off*	Set the printer to read out loud passwords or personal identification numbers.
On	<b>Note:</b> This menu item appears only when a headphone or a speaker is attached to the printer.
Speech Rate	Set the Voice Guidance speech rate.
Very Slow	Note: This menu item appears only when a headphone or a speaker is
Slow	attached to the printer.
Normal*	
Fast	
Faster	
Very Fast	
Rapid	
Very Rapid	
Fastest	

## **Restore Factory Defaults**

Menu item	Description
Restore Settings	Restore the printer factory default settings.
Restore all settings	
Restore printer settings	
Restore network settings	
Restore fax settings	
Restore app settings	

#### Maintenance

#### **Configuration Menu**

Menu item	Description
USB Configuration USB PnP 1* 2	Change the USB driver mode of the printer to improve its compatibility with a personal computer.
USB Configuration USB Scan to Local On* Off	Set whether the USB device driver enumerates as a USB Simple device (single interface) or as a USB Composite device (multiple interfaces).
USB Configuration USB Speed Full Auto*	Set the USB port to run at full speed and disable its high-speed capabilities.
Tray Configuration Size Sensing Tray [x] Sensing (On*) Oficio/Folio Sensing (Folio*) Statement/A5 Sensing (Sense Statement*) Executive/B5 Sensing (Sense Exec*)	Set the tray to sense automatically the paper size loaded into it.
Tray Configuration  Tray Linking  Automatic*  Off	Set the printer to link the trays that have the same paper type and paper size settings.
Tray Configuration Show Tray Insert Message Off Only for unknown sizes* Always  Note: An asterisk (*) next to a value indicates the fa	Display a message to select paper size and type after inserting the tray.

Menu item	Description
Tray Configuration Paper Prompts	Set the paper source that the user fills when a prompt to load paper appears.
Auto* Multipurpose Feeder Manual Paper	<b>Note:</b> For Multipurpose Feeder to appear, in the Paper menu, set Configure MP to Cassette.
Tray Configuration Envelope Prompts	Set the paper source that the user fills when a prompt to load envelope appears.
Auto* Multipurpose Feeder Manual Envelope	<b>Note:</b> For Multipurpose Feeder to appear, in the Paper menu, set Configure MP to Cassette.
Tray Configuration  Action for Prompts  Prompt user*  Continue  Use current	Set the printer to resolve paper- or envelope-related change prompts.
Reports  Menu Settings Page Event Log Event Log Summary HealthCheck Statistics	Print reports about printer menu settings, status, and event logs.
Supply Usage And Counters Clear Supply Usage History 300K Maintenance Kit Reset Tiered Coverage Ranges Large Media Adjustments (Off*)	Clear the supply usage history, reset the counter for new parts and supplies, adjust the range for the amount of color coverage on the printed page, and determine whether to publish click count values in the reports.
Printer Emulations PPDS Emulation Off* On	Set the printer to recognize and use the PPDS data stream.
Printer Emulations PS Emulation Off On*	Set the printer to recognize and use the PS data stream.
Printer Emulations Emulator Security Page Timeout 0–60 (60*)	Set the page timeout during emulation.

Menu item	Description
Printer Emulations Emulator Security Reset Emulator After Job Off* On	Reset the emulator after a print job.
Printer Emulations Emulator Security Disable Printer Message Access Off On*	Disable access to printer message during emulation.
Fax Configuration Fax Low Power Support Disable Sleep Permit Sleep Auto*	Set fax to enter Sleep mode whenever the printer determines that it should.
Fax Configuration Fax Storage Location Disk* NAND	Set the storage location for all faxes.  Note: This menu item appears only when a hard disk is installed.
Print Configuration  Black Only Mode  Off*  On	Print non-copy jobs in grayscale.
Print Configuration Color Trapping Off 1 2* 3 4 5	Enhance the printed output to compensate for misregistration in the printer.
Print Configuration Font Sharpening 0–150 (24*)	Set a text point-size value below which the high-frequency screens are used when printing font data.  For example, if the value is 24, then all fonts sized 24 points or less use the high-frequency screens.
Device Operations  Quiet Mode  Off*  On	Set the printer to operate in Quiet Mode.  Note: Enabling this setting slows down the overall performance of the printer.

Menu item	Description
Device Operations Safe Mode Off* On	Set the printer to operate in a special mode, in which it attempts to continue offering as much functionality as possible, despite known issues.  For example, when set to On, and the duplex motor is nonfunctional, the printer performs one-sided printing of the documents even if the job is two-sided printing.
Device Operations  Minimum Copy Memory  80 MB*  100 MB	Set the minimum memory allocation for storing copy jobs.
Device Operations Clear Custom Status	Erase user-defined strings for the Default or Alternate custom messages.
Device Operations  Clear all remotely-installed messages	Erase messages that were remotely installed.
Device Operations  Automatically Display Error Screens  Off  On*	Show existing error messages on the display after the printer remains inactive on the home screen for a length of time equal to the Screen Timeout setting.
Device Operations  Honor orientation on fast path copy  Off*  On	Enable the printer to use the orientation setting under the Copy menu when sending quick copy jobs.
Device Operations  Automatic Image Stabilization  On (700)*  Off	Set the printer to adjust automatically the print quality.
Device Operations  Enable Optional Parallel Port  On  Off*	Enable the optional parallel port.
App Configuration  LES Applications  Off  On*	<ul> <li>Enable the Lexmark Embedded Solutions (LES) applications.</li> <li>Notes:</li> <li>When set to On, this setting does not affect built-in applications.</li> <li>When the setting is changed, the printer restarts.</li> </ul>
Scanner Configuration Scanner Manual Registration Print Quick Test	Print a Quick Test target page.  Note: Make sure that the margin spacing on the target page is uniform all the way around the target. If it is not, then the printer margins must be reset.

Menu item	Description
Scanner Configuration Scanner Manual Registration Front ADF Registration Rear ADF Registration Flatbed Registration	Manually register the flatbed and ADF after replacing the ADF, scanner glass, or controller board.
Scanner Configuration Reset Maintenance Counter	Reset the counter after replacing the ADF maintenance kit.
Scanner Configuration Edge Erase Flatbed Edge Erase (3*) ADF Edge Erase (3*)	Set the size, in millimeters, of the no-print area around an ADF or flatbed scan job.
Scanner Configuration Disable Scanner Enabled* Disabled ADF Disabled	Disable the scanner when it is not working properly.
Scanner Configuration Tiff Byte Order CPU Endianness* Little Endian Big Endian	Set the byte order of a TIFF-formatted scan output.
Scanner Configuration Exact Tiff Rows Per Strip On* Off	Set the RowsPerStrip tag value of a TIFF-formatted scan output.

#### **Out of Service Erase**

Menu item	Description
Out of Service Erase  Memory Last Sanitized	Show information on when the printer memory or hard disk was last sanitized.
Hard Disk Last Sanitized	<b>Note:</b> Hard Disk Last Sanitized appears only when a hard disk is installed.
Out of Service Erase Sanitize all information on nonvolatile memory	Clear all information on non-volatile memory and information on the hard disk.
Erase all printer and network settings Erase all apps and app settings Erase all shortcuts and shortcut settings Sanitize all information on hard disk Erase downloads (Erase all macros, fonts, PPOs, etc.) Erase buffered jobs Erase Held jobs	<b>Note:</b> Sanitize all information on hard disk appears only when a hard disk is installed.

#### **Visible Home Screen Icons**

Menu	Description
Visible Home Screen Icons	Specify which icons to show on the home screen.
Сору	
E-mail	
Fax	
Status/Supplies	
Job Queue	
Change Language	
Shortcut Center	
Address Book	
Bookmarks	
Held Jobs	
USB	
FTP	
Scan Profiles	
App Profiles	
Display Customization	
Scan Center	
Card Copy	

#### **About this Printer**

Menu item	Description
Asset Tag	Describe the printer. The maximum length is 32 characters.
Printer's Location	Identify the printer location. The maximum length is 63 characters.
Contact	Personalize the printer name. The maximum length is 63 characters.
Export Configuration File to USB*	Export configuration files to a flash drive.
Export Compressed Logs to USB*	Export compressed log files to a flash drive.
Send Logs Cancel Send	Send diagnostic information to Lexmark.
* This menu item appears only in some printer models.	

## **Print**

## Layout

Menu item	Description
Sides 1-Sided* 2-Sided	Specify whether to print on one side or both sides of the paper.
Flip Style  Long Edge*  Short Edge	Determine which side of the paper is bound when performing two-sided printing.
Blank Pages Print Do Not Print*	Print blank pages that are included in a print job.
Off (1,1,1,2,2,2) On (1,2,1,2,1,2)*	Keep the pages of a print job stacked in sequence, particularly when printing multiple copies of the job.
Separator Sheets None* Between Copies Between Jobs Between Pages	Insert blank separator sheets when printing.
Separator Sheet Source Tray [x] (1*) Multipurpose Feeder	Specify the paper source for the separator sheet.
Pages per Side Off* 2 pages per side 3 pages per side 4 pages per side 6 pages per side 9 pages per side 12 pages per side 16 pages per side	Print multiple page images on one side of a sheet of paper.
Pages per Side Ordering Horizontal* Reverse Horizontal Vertical Reverse Vertical	Specify the positioning of multiple page images when using the Pages per Side menu.

Menu item	Description
Pages per Side Orientation Auto* Landscape Portrait	Specify the orientation of multiple page images when using the Pages per Side menu.
Pages per Side Border None* Solid	Print a border around each page image when using the Pages per Side menu.
<b>Copies</b> 1–9999 (1*)	Specify the number of copies for each print job.
Print Area Normal* Whole Page	Set the printable area on a sheet of paper.
<b>Note:</b> An asterisk (*) next to a	a value indicates the factory default setting.

## **Finishing**

Menu item	Description
Staple Job Off* 1 staple, top left corner 2 staples, left 1 staple, top right corner 2 staples, top 1 staple, bottom left corner 2 staples, bottom 1 staple, bottom right corner	Specify the staple position for all print jobs.  Note: This menu item appears only when a finisher is installed.
2 staples, right  Staple Test Start	Determine whether the staple finisher is functioning properly.  Note: This menu item appears only when a finisher is installed.
Hole Punch Off* On	Punch holes along the edge of the printed output.  Note: This menu item appears only when a multiposition staple, hole punch finisher is installed.
Hole Punch Mode 2 holes 3 holes 4 holes	<ul> <li>Set the hole punch mode for the printed output.</li> <li>Notes:</li> <li>3 holes is the U.S. factory default setting. 4 holes is the international factory default setting.</li> <li>This menu item appears only when a multiposition staple, hole punch finisher is installed.</li> </ul>

Menu item	Description
Offset Pages	Offset the output of each print job or each copy of a print job.
None*	Notes:
Between Copies Between Jobs	<ul> <li>Between Copies offsets each copy of a print job if Collate is set to On [1,2,1,2,1,2]. If Collate is set to Off [1,1,1,2,2,2], then each set of printed pages is offset, such as all page 1s and all page 2s.</li> </ul>
	<ul> <li>Between Jobs sets the same offset position for the entire print job regardless of the number of copies printed.</li> </ul>
	<ul> <li>This menu item appears only when a multiposition staple, hole punch finisher is installed.</li> </ul>
Note: An asterisk (*) next to a value indicates the factory default setting.	

## Setup

Menu item	Description
Printer Language PCL Emulation PS Emulation* PPDS Emulation*	Set the printer language.  Note: Setting a printer language default does not prevent a software program from sending print jobs that use another printer language.
Job Waiting Off* On	Preserve print jobs requiring supplies so that jobs not requiring the missing supplies can print.  Note: This menu item appears only when a printer hard disk is installed.
Job Hold Timeout 0–255 (30*)	Set the time in seconds that the printer waits for user intervention before it holds jobs that require unavailable resources and continues to print other jobs in the print queue.  Note: This menu item appears only when a printer hard disk is installed.
Printer Usage  Max Speed  Max Yield*	Determine how the color imaging kit operates during printing.  Notes:  When set to Max Yield, the color imaging kit slows or stops while printing groups of black-only pages.  When set to Max Speed, the color imaging kit always runs while printing, whether color or black pages are being printed.
Download Target  RAM*  Disk	Specify where to save all permanent resources, such as fonts and macros, that have been downloaded to the printer.  Note: This menu item appears only when a printer hard disk is installed.
<b>Note:</b> An asterisk (*) next to a value i	ndicates the factory default setting.

Menu item	Description
Resource Save Off* On	Determine what the printer does with downloaded resources, such as fonts and macros, when it receives a job that requires more than the available memory.
	Notes:
	<ul> <li>When set to Off, the printer retains downloaded resources only until memory is needed. Resources associated with the inactive printer language are deleted.</li> </ul>
	<ul> <li>When set to On, the printer preserves all the permanent downloaded resources across all language switches. When necessary, the printer shows memory full messages instead of deleting permanent resources.</li> </ul>
Print All Order Alphabetical* Newest First Oldest First	Specify the order when you choose to print all held and confidential jobs.  Note: This menu item appears only when a printer hard disk is installed.
PJL File Access Control Off* On	Determine access to Printer Job Language (PJL) files

## Quality

Menu item	Description
Print Mode  Black and White  Color*	Set how the printer generates color content.
Print Resolution 2400 Image Q* 1200 dpi	Set the resolution for the printed output.  Note: 2400 Image Q provides high-quality output at maximum speed.
Toner Darkness 1 to 5 (4*)	Determine the lightness or darkness of text images.
Halftone Normal* Detail	Enhance the printed output to have smoother lines with sharper edges.
Color Saver Off* On	Reduce the amount of toner used to print graphics and images.  Note: When set to On, this setting overrides the value of the Toner Darkness setting.
-	o a value indicates the factory default setting.

Menu item	Description
RGB Brightness -6 to 6 (0*)	Adjust the brightness, contrast, and saturation for color output.  Note: This setting does not affect files where CMYK color specifications are
RGB Contrast 0 to 5 (0*)	used.
RGB Saturation 0 to 5 (0*)	
Note: An asterisk (*) next to a value indicates the factory default setting.	

#### **Advanced Imaging**

Adjust the amount of toner that is used for each color.
<ul> <li>Modify the color settings used to print documents.</li> <li>Notes:</li> <li>Off sets the printer to receive the color correction from the software.</li> <li>Auto sets the printer to apply different color profiles to each object on the printed page.</li> <li>Manual allows the customization of the RGB or CMYK color conversions applied to each object on the printed page.</li> </ul>
Print sample pages for each of the RGB and CMYK color conversion tables used in the printer.
Calibrate the printer to adjust color variations in the printed output.
Assign specific CMYK values to twenty named spot colors.

## **Job Accounting**

Menu item	Description
Job Accounting	Set the printer to create a log of the print jobs that it receives.
Off*	Note: This menu item appears only when a flash memory or hard disk is
On	installed.
Accounting Log Frequency	Specify how often the printer creates a log file.
Daily	
Weekly	
Monthly*	
Log Action at End of Frequency	Specify how the printer responds when the frequency threshold expires.
None*	<b>Note:</b> The value defined in Accounting Log Frequency determines when this
E-mail Current Log E-mail & Delete Current Log	action is triggered.
Post Current Log	
Post & Delete Current Log	
Log Near Full Level	Specify the maximum size of the log file before the printer executes the Log
Off	Action at Near Full.
On (5)*	
Log Action at Near Full	Specify how the printer responds when the hard disk is nearly full.
None*	
E-mail Current Log	<b>Note:</b> The value defined in Log Near Full Level determines when this action is triggered.
E-mail & Delete Current Log	is inggered.
E-mail & Delete Oldest Log	
Post Current Log	
Post & Delete Current Log	
Post & Delete Oldest Log	
Delete Current Log	
Delete Oldest Log	
Delete All But Current	
Delete All Logs	
Log Action at Full	Specify how the printer responds when hard disk usage reaches the maximum
None*	limit (100MB).
E-mail & Delete Current Log	
E-mail & Delete Oldest Log	
Post & Delete Current Log	
Post & Delete Oldest Log	
Delete Current Log	
Delete Oldest Log Delete All But Current	
Delete All Logs	
URL to Post Log	Specify where the printer posts job accounting logs.
E-mail Address to Send Logs	Specify the e-mail address to which the printer sends job accounting logs.
Note: An asterisk (*) next to a value indicates the factory default setting.	

Menu item	Description
Log File Prefix	Specify the prefix for the log files.
	<b>Note:</b> The current host name defined in the TCP/IP menu is used as the default log file prefix.
Note: An asterisk (*) next to a value indicates the factory default setting.	

#### **XPS**

Menu item	Description
Print Error Pages Off* On	Print a test page that contains information on errors.
Minimum Line Width 1–30 (2*)	Set the minimum stroke width of any job printed in 1200 dpi.
Note: An asterisk (*) next to a value indicates the factory default setting.	

#### **PDF**

Menu item	Description
Scale To Fit	Scale the page content to fit the selected paper size.
On	
Annotations Print Do Not Print*	Specify whether to print annotations in the PDF.
Print PDF Error Off On*	Enable the printing of PDF error.
Note: An asterisk (*) next to a valu	ue indicates the factory default setting.

PostScript

## **PostScript**

Menu item	Description
Print PS Error	Print a page that describes the PostScript® error.
Off*	<b>Note:</b> When an error occurs, processing of the job stops, the printer prints an error message, and the rest of the print job is flushed.
Minimum Line Width 1–30 (2*)	Set the minimum stroke width.
	Note: Jobs printed in 1200 dpi use the value directly.
Note: An asterisk (*) next to a value indicates the factory default setting.	

Menu item	Description
Lock PS Startup Mode Off On*	Disable the SysStart file.
Image Smoothing Off* On	Enhance the contrast and sharpness of low-resolution images.  Note: This setting has no effect on images with a resolution of 300 dpi or higher.
Font Priority  Resident*  Flash/Disk	<ul> <li>Establish the font search order.</li> <li>Notes:</li> <li>Resident sets the printer to search its memory for the requested font before searching the flash memory or printer hard disk.</li> <li>Flash/Disk sets the printer to search the flash memory or printer hard disk for the requested font before searching the printer memory.</li> <li>This menu item appears only when a flash memory or hard disk is installed.</li> </ul>
Wait Timeout Off On* (40 seconds)	Enable the printer to wait for more data before canceling a print job.
<b>Note:</b> An asterisk (*) next to a value ind	licates the factory default setting.

PCL

## **PCL**

Menu item	Description
Font Source Resident* Disk Flash All	Choose the source which contains the default font selection.  Notes:  Flash and Disk appear only when a flash memory or hard disk is installed.  For Flash and Disk to appear, make sure that they are not read- or write-protected.
Font Name Courier*	Select a font from the specified font source.
Symbol Set 10U PC-8*	Specify the symbol set for each font name.  Note: A symbol set is a set of alphabetic and numeric characters, punctuation, and special symbols. Symbol sets support the different languages or specific programs such as math symbols for scientific text.
<b>Pitch</b> 0.08–100 (10*)	Specify the pitch for fixed or monospaced fonts.  Note: Pitch refers to the number of fixed-space characters in a horizontal inch of type.
Note: An asterisk (*) next to a	a value indicates the factory default setting.

Menu item	Description
Orientation Portrait* Landscape	Specify the orientation of text and graphics on the page.
Lines per Page 1–255	Specify the number of lines of text for each page printed through the PCL® datastream.
	Notes:
	<ul> <li>This menu item activates vertical escapement that causes the selected number of requested lines to print between the default margins of the page.</li> <li>60 is the U.S. factory default setting. 64 is the international factory default setting.</li> </ul>
PCL5 Minimum Line Width	Set the initial minimum stroke width.
1–30 (2*)	Note: Jobs printed in 1200 dpi use the value directly.
PCLXL Minimum Line Width 1–30 (2*)	
A4 Width	Set the width of the logical page on A4-size paper.
198 mm* 203 mm	<b>Note:</b> Logical page is the space on the physical page where data is printed.
Auto CR after LF Off*	Set the printer to perform a carriage return after a line feed control command.
On	<b>Note:</b> Carriage return is a mechanism that commands the printer to move the position of the cursor to the first position on the same line.
Auto LF after CR Off* On	Set the printer to perform a line feed after a carriage return control command.
Tray Renumber Assign MP Feeder Assign Tray [x] Assign Manual Paper Assign Manual Envelope	Configure the printer to work with a different print driver or custom application that uses a different set of source assignments to request a given paper source.  Choose from the following options:  Off*—The printer uses the factory default paper source assignments.  None—The paper source ignores the Select Paper Feed command.  0–199—Select a numeric value to assign a custom value to a paper source.
Tray Renumber View Factory Defaults	Show the factory default value assigned for each paper source.
Tray Renumber Restore Defaults	Restore the tray renumber values to their factory defaults.
Print Timeout Off On* (90 seconds)	Set the printer to end a print job after it has been idle for the specified amount of time.
Note: An asterisk (*) next to a valu	e indicates the factory default setting.

#### **HTML**

Menu item	Description
Font Name Times*	Set the font to use when printing HTML documents.
Font Size 1–255 (12*)	Set the font size to use when printing HTML documents.
<b>Scale</b> 1–400% (100*)	Scale HTML documents for printing.
<b>Orientation</b> Portrait* Landscape	Set the page orientation for HTML documents.
Margin Size 8–255 mm (19*)	Set the page margin for HTML documents.
Backgrounds  Do Not Print  Print*	Print background information or graphics in HTML documents.

## **Image**

Menu item	Description
Auto Fit	Select the best available paper size and orientation setting for an image.
On	Note: When set to On, this menu item overrides the scaling and orientation
Off*	settings for the image.
Invert	Invert bitonal monochrome images.
Off*	<b>Note:</b> This menu item does not apply to GIF or JPEG image formats.
On	
Scaling	Adjust the image to fit the printable area.
Anchor Top Left	<b>Note:</b> When Auto Fit is set to On, Scaling is automatically set to Best Fit.
Best Fit*	
Anchor Center	
Fit Height/Width	
Fit Height	
Fit Width	
Orientation	Specify the orientation of text and graphics on the page.
Portrait*	
Landscape	
Reverse Portrait	
Reverse Landscape	

# **Paper**

#### **Tray Configuration**

paper source for all print jobs.  the paper size or paper type loaded in each paper source.
the paper size or paper type loaded in each paper source.
printer to substitute a specified paper size if the requested size is not in any paper source.  prompts the user to load the required paper size.  Listed allows all available substitutions.
ne the behavior of the multipurpose feeder.  sette configures the multipurpose feeder as the automatic paper rce.
5

## **Media Configuration**

#### **Universal Setup**

Menu item	Description
Units of Measure	Specify the unit of measurement for the universal paper.
Inches	<b>Note:</b> Inches is the U.S. factory default setting. Millimeters is the
Millimeters	international factory default setting.
Portrait Width	Set the portrait width of the universal paper.
3–52 inches (8.5*)	
76–1321 mm (216*)	
Note: An asterisk (*) next to a value indicates the factory default setting.	

Menu item	Description
Portrait Height 3–52 inches (14*) 76.2–1321 mm (356*)	Set the portrait height of the universal paper.
Feed Direction Short Edge*	Set the printer to pick paper from the short edge or long edge direction.
Long Edge	<b>Note:</b> Long Edge appears only when the longest edge is shorter than the maximum width supported.
Note: An asterisk (*) next to a value ind	dicates the factory default setting.

#### **Custom Scan Sizes**

Menu item	Description
Custom Scan Size [x]	Assign a scan size name and configure the scan settings.
Scan Size Name	
Width	
1–8.5 inches (8.5*)	
25.4-215.9 mm (215.9*)	
Height	
1–25 inches (11*)	
25.4–635 mm (279.4*)	
Orientation	
Portrait*	
Landscape	
2 scans per side	
Off*	
On	

#### **Media Types**

Menu item	Description
Plain	Specify the texture, weight, and orientation of the paper.
Card Stock	
Recycled	
Transparency	
Glossy	
Heavy Glossy	
Labels	
Vinyl Labels	
Bond	
Envelope	
Rough Envelope	
Letterhead	
Preprinted	
Colored Paper	
Light	
Heavy	
Rough/Cotton	
Custom Type [X]	

## **Bin Configuration**

Menu item	Description
Output Bin Standard Bin* Bin [x]	Specify the output bin.
Configure Bins  Mailbox*  Link  Link Optional  Type Assignment	<ul> <li>Configure the mode of operation for the output bins.</li> <li>Notes: <ul> <li>Mailbox allows the standard bin and any optional bin to be selected individually.</li> <li>Link allows all output bins to be linked together as though they were one large bin.</li> <li>Link Optional treats all optional bins as one large output bin.</li> <li>Type Assignment assigns each paper type a bin or a linked bin set.</li> </ul> </li> </ul>
Custom Bin Names Standard Bin Bin [x]	Assign a name for the bin.

# Copy

## **Copy Defaults**

	Description
Content Type  Text  Text/Photo*  Photo  Graphics	Improve the output result based on the content of the original document.
Content Source  Black and White Laser  Color Laser* Inkjet Photo/Film Magazine Newspaper Press Other	Improve the output result based on the source of the original document.
Sides 1 sided to 1 sided* 1 sided to 2 sided 2 sided to 1 sided 2 sided to 2 sided	Specify the scanning behavior based on the original document.
Separator Sheets None* Between Copies Between Jobs Between Pages	Specify whether to insert blank separator sheets when printing.
Separator Sheet Source Tray [x] (1*) Multipurpose Feeder	Specify the paper source for the separator sheet.
Color Off On* Auto	Set the printer to generate color output from a scan job.
Pages per Side Off* 2 Portrait pages 4 Portrait pages 2 Landscape pages 4 Landscape pages	Specify the number of page images to print on one side of a sheet of paper.  ue indicates the factory default setting.

Menu item	Description
Print Page Borders Off* On	Place a border around each image when printing multiple pages on a single page.
Off [1,1,1,2,2,2] On [1,2,1,2,1,2]*	Print multiple copies in sequence.
Offset Pages  None* Between Copies Between Jobs	Offset the output of each print job or each copy of a print job.  Notes:  Between Copies offsets each copy of a print job if Collate is set to On [1,2,1,2,1,2]. If Collate is set to Off [1,1,1,2,2,2], then each set of printed pages is offset, such as all page 1s and all page 2s.  Between Jobs sets the same offset position for the entire print job regardless of the number of copies printed.  This menu item appears only when a finisher is installed.
Staple Off* 1 staple, top left corner 2 staples, left 1 staple, top right corner 2 staples, top 1 staple, bottom left corner 2 staples, bottom 1 staple, bottom right corner 2 staples, right	Specify the staple position for all print jobs.  Note: This menu item appears only when a staple finisher is installed.
Punch Off* 2 holes 3 holes	Set the punch mode for all print jobs.  Note: This menu item appears only when a staple, hole punch finisher or a booklet finisher is installed.
"Copy from" Size [List of paper sizes]	Set the paper size of the original document.  Note: Letter is the U.S. factory default setting. A4 is the international factory default setting.
"Copy to" Source Tray [x] (1*) Multipurpose Feeder Auto Size Match	Specify the paper source for the copy job.
Temperature -4 to 4 (0*)	Specify whether to generate a cooler or warmer output.
Darkness 1 to 9 (5*)	Adjust the darkness of the scanned image.
Number of Copies 1–9999 (1*)	Specify the number of copies.
Note: An asterisk (*) next to a value indicates the factory default setting.	

Menu item	Description
Header/Footer	Specify the header or footer information on the scanned image.
Left Header	
Middle Header	
Right Header	
Left Footer	
Middle Footer	
Right Footer	
Overlay	Specify the overlay text to print on each copy.
Confidential	
Сору	
Draft	
Urgent	
Custom	
Off*	
Custom overlay	Type the text for the Custom choice in Overlay menu.
Note: An asterisk (*) next to a value indicates the factory default setting.	

### **Advanced Imaging**

Menu item	Description
Color Balance Cyan (0*) Magenta (0*) Yellow (0*)	Adjust the color intensity for cyan, magenta, and yellow.
Color Dropout  Color Dropout (None*)  Default Red Threshold (128*)  Default Green Threshold (128*)  Default Blue Threshold (128*)	Specify which color to drop during scanning, and adjust the dropout setting for that color.
Auto Color Detect  Color Sensitivity (5*)  Area Sensitivity (5*)	Configure the auto color detection setting.
Contrast  Best for content* 0–5	Specify the contrast for the scanned image.
Background Removal  Background Detection (Content-based*)  Level (0*)	Remove the background color or image noise from the original document.  Notes:  Content-based removes the background color from the original document.  Fixed removes image noise from a photo.

Description
Align the content at the center of the page.
Create a mirror image of the original document.
Create a negative image of the original document.
Adjust the shadow detail in the original document.
Scan the original document from edge to edge.
Adjust the sharpness of the scanned image.

Menu item	Description
Allow Color Copies Off On*	Print copies in color.
Transparency Separators Off On*	Insert a blank sheet between transparencies.
Output Bin Standard Bin* Bin [x]	Specify the output bin.
Allow Priority Copies Off On*	Interrupt a print job to make copies.
Custom Job Scanning Off* On	Set the printer to scan the first set of original documents using the specified settings, and then scan the next set with the same or different settings.  Note: This menu item appears only when a hard disk is installed.
Allow Save as Shortcut Off On*	Save copy settings as a shortcut.
Note: An asterisk (*) next to a value indicates the factory default setting.	

Menu item	Description
Sample Copy Off* On	Print a sample copy to check the quality before printing the remaining copies.  Note: This menu item appears only when a hard disk is installed.
Note: An asterisk (*) next to a value indicates the factory default setting.	

# Fax

# **Fax Defaults**

### Fax Mode

Menu item	Description
Fax Mode	Select a fax mode.
Fax*	
Fax Server	
Disabled	
<b>Note:</b> An asterisk (*) next to a value indicates the f	actory default setting

# Fax Setup

# **General Fax settings**

Menu item	Description
Fax Name	Identify your fax machine.
Fax Number	Identify your fax number.
Fax ID Fax Name Fax Number*	Notify fax recipients of your fax name or fax number.
<b>Enable Manual Fax</b> Off* On	<ul> <li>Set the printer to fax manually.</li> <li>Notes:</li> <li>This menu item does not appear if Fax Transport is set to T.38.</li> <li>This menu item requires a line splitter and a telephone handset.</li> <li>Use a regular telephone line to answer an incoming fax job and to dial a fax number.</li> <li>To go directly to the manual fax function, touch # and 0 on the keypad.</li> </ul>

Menu item	Description
Memory Use All receive Mostly receive Equal* Mostly send All send	Set the amount of internal printer memory allocated for faxing.  Note: This menu item prevents memory buffer conditions and failed faxes.
Cancel Faxes Allow* Don't Allow	Cancel outgoing faxes before they are transmitted, or cancel incoming faxes before they finish printing.
Fax Number Masking Off* From Left From Right	Specify the format for masking an outgoing fax number.
<b>Digits to Mask</b> 0-58 (0*)	Specify the number of digits to mask in an outgoing fax number.
Enable Line Connected  Detection  Off  On*	<ul> <li>Determine whether a telephone line is connected to the printer.</li> <li>Notes:</li> <li>Detection takes place when turning on the printer and before each call.</li> <li>This menu item does not appear if Fax Transport is set to T.38.</li> </ul>
Enable Line In Wrong Jack Detection Off On*	Determine whether a telephone line is connected to the correct port on the printer.  Notes:  Detection takes place when turning on the printer and before each call.  This menu item does not appear if Fax Transport is set to T.38.
Enable Extension in Use Support Off On*	Determine whether a telephone line is used by another device, such as another phone on the same line.  Notes:  This menu item is monitored continuously after turning on the printer.  This menu item does not appear if Fax Transport is set to T.38.
Optimize Fax Compatibility	Configure the printer fax functionality for optimal compatibility with other fax machines.
Fax Transport Analog* etherFAX None T.38	Set the fax transport method.

#### **Fax Send Settings**

Menu item	Description
Resolution Standard* Fine Super Fine Ultra Fine	Set the resolution of the scanned image.  Note: A higher resolution increases fax transmission time and requires higher memory.
Original Size [List of paper sizes]	Specify the size of the original document.  Note: Letter is the U.S. factory default setting. A4 is the international factory default setting.
<b>Orientation</b> Portrait* Landscape	Specify the orientation of the original document.  Note: This menu item appears only in some printer models.
Sides Off* Short Edge Long Edge	Specify the orientation of the original document when scanning on both sides of the document.  Note: This menu item appears only in some printer models.
Content Type Text* Text/Photo Photo Graphics	Improve the output result based on the content of the original document.
Content Source  Black and White Laser  Color Laser* Inkjet Photo/Film Magazine Newspaper Press Other	Improve the output result based on the source of the original document.
<b>Darkness</b> 1–9 (5*)	Adjust the darkness of the scanned image.
<b>Behind a PABX</b> On Off*	Set the printer to dial a fax number without waiting to recognize the dial tone.  Note: Private Automated Branch Exchange (PABX) is a telephone network that allows a single access number to offer multiple lines to outside callers.
Dial Mode	Specify the dial mode for incoming or outgoing faxes.

### **Advanced Imaging**

Menu item	Description
Color Balance Cyan - Red -4 to 4 (0*) Magenta - Green -4 to 4 (0*) Yellow - Blue -4 to 4 (0*)	Adjust the color intensity during scanning.
Color Dropout  Color Dropout (None*)  Default Red Threshold (128*)  Default Green Threshold (128*)  Default Blue Threshold (128*)	Specify which color to drop during scanning, and adjust the dropout setting for that color.
Contrast  Best for Content*  0  1  2  3  4  5	Set the contrast of the output.
Background Removal  Background Detection  Content-based*  Fixed  Level  -4 to 4 (0*)	Adjust the amount of background visible on a scanned image.  Note: If you want to remove the background color from the original document, then set Background Detection to Content-based. If you want to remove image noise from a photo, then set Background Detection to Fixed.
Mirror Image Off* On	Create a mirror image of the original document.
Negative Image Off* On	Create a negative image of the original document.
Shadow Detail -4 to 4 (0*)	Adjust the amount of shadow detail visible on a scanned image.
Scan Edge to Edge On Off*	Allow edge-to-edge scanning of the original document.
Sharpness 1–5 (3*)	Adjust the sharpness of the scanned image.
Note: An asterisk (*) next to a valu	ue indicates the factory default setting.

Menu item	Description
Temperature -4 to 4 (0*)	Specify whether to generate a cooler or warmer output.
	ue indicates the factory default setting.

Menu item	Description
Automatic Redial 0-9 (5*)	Adjust the number of redial attempts based on the activity levels of recipient fax machines.
Redial Frequency 1–200 minutes (3*)	Increase the time between redial attempts to increase the chance of sending fax successfully.
Enable ECM	Activate Error Correction Mode (ECM) for fax jobs.
On* Off	<b>Note:</b> ECM detects and corrects errors in the fax transmission process caused by telephone line noise and poor signal strength.
Enable Fax Scans On* Off	Fax documents that are scanned at the printer.
<b>Driver to Fax</b> On* Off	Allow the print driver to send fax.
Allow Save as Shortcut On* Off	Save fax numbers as shortcuts on the printer.
Max Speed 33600* 14400 9600 4800 2400	Set the maximum speed for sending fax.
Custom Job Scanning	Turn on scanning of custom jobs by default.
Off* On	Note: This menu item appears only when a hard disk is installed.
Scan Preview	Show a preview of the scan on the display.
Off* On	Note: This menu item appears only when a hard disk is installed.
Adjust ADF Skew Off* On	Correct slight skew in the scanned image.
Note: An asterisk (*) next to a	value indicates the factory default setting.

Menu item	Description
Enable Color Fax Scans	Enable color scans for fax.
Off by Default*	
On by Default	
Never Use	
Always Use	
Auto Convert Color Faxes to Mono Faxes	Convert all outgoing color faxes to black and white.
On*	
Off	
Confirm Fax Number Off*	Ask the user to confirm the fax number.
On	
Dial Prefix	Set a dialing prefix.
Dialing Prefix Rules	Establish a dialing prefix rule.
Note: An asterisk (*) next to a value indicates the factory default setting.	

# **Fax Receive Settings**

Menu item	Description
Fax Job Waiting None* Toner Toner and Supplies	Remove fax jobs that request specific unavailable resources from the print queue.
Rings to Answer 1–25 (3*)	Set the number of rings for incoming fax.
Auto Reduction On* Off	Scale incoming fax to fit on the page.
Paper Source Tray [X] Auto*	Set the paper source for printing incoming fax.
Sides On Off*	Print on both sides of the paper.
Separator Sheets None* Before Job After Job	Specify whether to insert blank separator sheets when printing.
Separator Sheet Source Tray [X] (1*)	Specify the paper source for the separator sheet.
Note: An asterisk (*) next to a value indicates the factory default setting.	

Menu item	Description
Output Bin Standard Bin	Specify the output bin for received faxes.
Fax Footer On Off*	Print the transmission information at the bottom of each page from a received fax.
Fax Footer Time Stamp Receive* Print	Print the time stamp at the bottom of each page from a received fax.
Punch Off* 2 holes 3 holes 4 holes	Punch holes along the edge of the printed fax document.  Note: This menu item appears only when a multiposition staple, hole punch finisher is installed.
Staple Off* 1 staple 2 staples	Staple the printed fax document.  Note: This menu item appears only when a finisher is installed.
Holding Faxes  Held Fax Mode  Off*  Always On  Manual  Scheduled	Hold received faxes from printing until they are released.

Menu item	Description
Enable Fax Receive On* Off	Set the printer to receive fax.
Enable Color Fax Receive On* Off	Set the printer to receive fax in color.
Enable Caller ID  On*  Off	Show the number that is sending the incoming fax.
Block No Name Fax On Off*	Block incoming faxes sent from devices with no station ID or fax ID specified.

Menu item	Description
Banned Fax List Add Banned Fax	Specify the phone numbers that you want to block.
Answer On  All Rings*  Single Ring Only  Double Ring Only  Triple Ring Only  Single or Double Rings Only  Single or Triple Rings Only  Double or Triple Rings Only	Set a distinctive ring pattern for incoming fax.
Auto Answer On* Off	Set the printer to receive fax automatically.
Fax Forwarding Print* Print and Forward Forward	Specify whether to forward received fax.
Forward To  Destination 1  Destination 2	Specify where to forward received fax.  Note: This menu item appears only when Fax Forwarding is set to Print and Forward or Forward.
Max Speed 33600* 14400 9600 4800 2400	Set the maximum speed for transmitting fax.  Le indicates the factory default setting.

### **Fax Cover Page**

Menu item	Description
Fax Cover Page Off by Default* On by Default Never Use Always Use	Configure the settings for the fax cover page.
Include To field Off* On	
Include From field Off* On	
From	
Include Message Field Off* On	
Message:	
Include Logo Off* On	
Include Footer [x] Off* On	
Footer [x]	
Note: An asterisk (*) next to a valu	e indicates the factory default setting.

### Fax Log settings

Menu item	Description
Transmission Log Frequency	Specify how often the printer creates a transmission log.
Always*	
Never	
Only for Error	
Transmission Log Action	Print or e-mail a log for successful fax transmission or transmission error.
Print	
Off	
On*	
E-mail	
Off*	
On	
Note: An asterisk (*) next to a value indicates the factory default setting.	

Description
Print a log for fax-receive failures.
Print all fax activity.
Specify the paper source for printing logs.
Identify the sender by remote fax name or fax number.
View a summary of all fax jobs.
View a summary of fax dialing history.
Specify the output bin for printed logs.

### **Speaker settings**

Menu item	Description
Speaker Mode Always Off* Always On On until Connected	Set the fax speaker mode.
Speaker Volume  Low*  High	Adjust the fax speaker volume.
Ringer Volume Off* On	Enable the ringer volume.
Note: An asterisk (*) next to a value indicates the factory default setting.	

### **Fax Server Setup**

### **General Fax Settings**

Description
Specify a fax recipient.
<b>Note:</b> If you want to use the fax number, then type the number sign (#) before a number.
Specify a reply address for sending fax.
Specify the fax subject and message.
Set the printer to receive analog faxes.

### Fax Server E-mail Settings

Menu item	Description
Use E-mail SMTP Server On*	Use the Simple Mail Transfer Protocol (SMTP) settings for e-mail in receiving and sending faxes.
Off	<b>Note:</b> When set to On, all other settings of theFax Server E-mail Settings menu are not shown.
Primary SMTP Gateway	Type the IP address or host name of the primary SMTP server.
Primary SMTP Gateway Port 1–65535 (25*)	Enter the port number of the primary SMTP server.
Secondary SMTP Gateway	Type the server IP address or host name of your secondary or backup SMTP server.
Secondary SMTP Gateway Port 1–65535 (25*)	Enter the server port number of your secondary or backup SMTP server.
<b>SMTP Timeout</b> 5–30 (30*)	Set the time before the printer times out if the SMTP server does not respond.
Reply Address	Specify a reply address for sending fax.
Use SSL/TLS Disabled* Negotiate Required	Specify whether to send fax using an encrypted link.
Require Trusted Certificate Off On*	Specify a trusted certificate when accessing the SMTP server.
Note: An asterisk (*) next to a value indicates the factory default setting.	

Menu item	Description
SMTP Server Authentication  No authentication required*  Login / Plain  NTLM  CRAM-MD5  Digest-MD5  Kerberos 5	Set the authentication type for the SMTP server.
Device-Initiated E-mail  None*  Use Device SMTP Credentials	Specify whether credentials are required for device-initiated e-mail.
User-Initiated E-mail None* Use Device SMTP Credentials Use Session User ID and Password Use Session E-mail address and Password Prompt user	Specify whether credentials are required for user-initiated e-mail.
Use Active Directory Device Credentials Off* On	Enable user credentials and group destinations to connect to the SMTP server.
Device Userid	Specify the user ID and password to connect to the SMTP server.
Device Password	
Kerberos 5 REALM	Specify the realm for the Kerberos 5 authentication protocol.
NTLM Domain	Specify the domain name for the NTLM security protocol.
Disable "SMTP server not set up" error Off* On	Hide the "SMTP server not set up" error message.
Note: An asterisk (*) next to a value	e indicates the factory default setting.

### **Fax Server Scan Settings**

Menu item	Description
Image Format	Specify the file format for the scanned image.
TIFF (.tif)	
PDF (.pdf)*	
XPS (.xps)	
Note: An asterisk (*) next to a value indicates the factory default setting	

Menu item	Description
Content Type	Improve the output result based on the content of the original document.
Text*	
Text/Photo	
Photo	
Graphics	
Content Source	Improve the output result based on the source of the original document.
Black and White Laser	
Color Laser*	
Inkjet	
Photo/Film	
Magazine	
Newspaper	
Press	
Other	
Fax Resolution	Set the fax resolution.
Standard*	
Fine	
Super Fine	
Ultra Fine	
Sides	Specify the orientation of the original document when scanning on both sides
Off*	of the document.
Short Edge	
Long Edge	
Darkness	Set the darkness of the output.
1–9 (5*)	
Orientation	Specify the orientation of text and graphics on the page.
Portrait*	
Landscape	
Original Size	Set the paper size of the original document.
[List of paper sizes]	Notes:
	<ul> <li>Mixed Sizes is the U.S. factory default setting. A4 is the international factory default setting.</li> </ul>
	This setting may vary depending on your printer model.
Use Multi-Page TIFF Off On*	Choose between single- and multiple-page TIFF files.
	alue indicates the factory default setting.

# E-mail

# E-mail Setup

Menu item	Description
Primary SMTP Gateway	Type the IP address or host name of the primary SMTP server for sending e-mail.
Primary SMTP Gateway Port 1–65535 (25*)	Enter the port number of the primary SMTP server.
Secondary SMTP Gateway	Type the server IP address or host name of your secondary or backup SMTP server.
Secondary SMTP Gateway Port 1–65535 (25*)	Enter the server port number of your secondary or backup SMTP server.
SMTP Timeout 5–30 seconds (30*)	Set the time before the printer times out if the SMTP server does not respond.
Reply Address	Specify a reply address in the e-mail.
Always use SMTP default Reply Address On Off*	Always use the default reply address in the SMTP server.
Use SSL/TLS Disabled* Negotiate Required	Specify whether to send e-mail using an encrypted link.
Require Trusted Certificate  Off  On*	Require a trusted certificate when accessing the SMTP server.
SMTP Server Authentication  No authentication required*  Login / Plain  NTLM  CRAM-MD5  Digest-MD5  Kerberos 5	Set the authentication type for the SMTP server.
Device-Initiated E-mail  None*  Use Device SMTP Credentials	Specify whether credentials are required for device-initiated e-mail.
Note: An asterisk (*) next to a value indicates	the factory default setting.

Menu item	Description
User-Initiated E-mail	Specify whether credentials are required for user-initiated e-mail.
None*	
Use Device SMTP Credentials	
Use Session User ID and Password	
Use Session E-mail address and Password	
Prompt user	
Use Active Directory Device Credentials	Specify whether credentials are required for user-initiated e-mail.
Off*	
On	
Device Userid	Specify the user ID and password to connect to the SMTP server.
Device Password	
Kerberos 5 REALM	Specify the realm for the Kerberos 5 authentication protocol.
NTLM Domain	Specify the domain name for the NTLM security protocol.
Note: An asterisk (*) next to a value indicates the factory default setting.	

# **E-mail Defaults**

Menu item	Description
Subject:	Specify the e-mail subject and message.
Message:	
File Name	Specify the filename for the scanned document.
Format  JPEG (.jpg)  PDF (.pdf)*  TIFF (.tif)  XPS (.xps)  TXT (.txt)  RTF (.rtf)  DOCX (.docx)	Specify the file format of the scanned document.
Global OCR Settings  Recognized Languages  Auto Rotate  Despeckle  Auto Contrast Enhance	Configure the settings for optical character recognition (OCR).  Note: This menu item appears only if you have purchased and installed an OCR solution.
PDF Settings  PDF Version (1.5*)  Archival Version (A-1a*)  Highly Compressed (Off*)  Secure (Off*)  Archival (PDF/A) (Off*)	Configure the PDF settings of the scanned document.  Notes:  Archival Version and Archival (PDF/A) are supported only when PDF Version is set to 1.4.  Highly Compressed appears only when hard disk is installed.

Menu item	Description
Content Type Text Text/Photo*	Improve the output result based on the content type of the original document.
Photo Graphics	
Content Source  Black and White Laser  Color Laser* Inkjet Photo/Film Magazine Newspaper Press Other	Improve the output result based on the content source of the original document.
Color  Black and White  Gray  Color*  Auto	Set the printer to capture file content in color or in mono.
Resolution 75 dpi 150 dpi* 200 dpi 300 dpi 400 dpi 600 dpi	Set the resolution of the scanned image.
<b>Darkness</b> 1–9 (5*)	Adjust the darkness of the scanned image.
Orientation Portrait* Landscape	Specify the orientation of the original document.
Original Size [List of paper sizes] (Auto Size Sense*)	Set the paper size of the original document.
Sides Off* Short Edge Long Edge	Specify the orientation of the original document when scanning on both sides of the document.
Note: An asterisk (*) next to a value indicat	tes the factory default setting.

### **Advanced Imaging**

Menu item	Description
Color Balance Cyan (0*)	Adjust the color intensity for cyan, magenta, and yellow.
Magenta (0*)	
Yellow (0*)	
Color Dropout	Specify which color to drop during scanning, and adjust the dropout setting for that color.
Color Dropout (None*)  Default Red Threshold (128*)	setting for that colon.
Default Red Threshold (128*)  Default Green Threshold (128*)	
Default Blue Threshold (128*)	
Auto Color Detect	Configure the auto color detection setting.
Color Sensitivity (5*)  Area Sensitivity (5*)	
E-mail Bit Depth (1 bit*)	
. , ,	
JPEG Quality	Set the JPEG quality of the scanned image.
Best for content* 5–95	
Contrast	Specify the contrast for the scanned image.
Best for content*	
0–5	
Background Removal	Remove the background color or image noise from the original
Background Detection (Content-based*)	document.
Level (0*)	Notes:
	Content-based removes the background color from the original document.
	Fixed removes image noise from a photo.
Mirror Image	Create a mirror image of the original document.
Off*	
On	
Negative Image	Create a negative image of the original document.
Off*	
On	
Shadow Detail	Adjust the shadow detail in the scanned image.
-4 to 4 (0*)	
Scan Edge to Edge	Scan the original document from edge to edge.
Off*	
On	
Sharpness	Adjust the sharpness in the scanned image.
1–5 (3*)	
Note: An asterisk (*) next to a value indicates	s the factory default setting

Menu item	Description
Temperature -4 to 4 (0*)	Generate a bluer or redder output of the original document.
Blank Pages Blank Page Removal (Remove*) Blank Page Sensitivity (5*)	Set the sensitivity of scans in relation to blank pages in the original document.
Note: An asterisk (*) next to a value indi	cates the factory default setting.

Menu item	Description
<b>Max E-mail Size</b> 0-65535 (0*)	Set the allowable file size for each e-mail.
Size Error Message	Specify an error message that the printer sends when an e-mail exceeds its allowable file size.
	<b>Note:</b> You can type up to 1024 characters.
Limit Destinations	Limit sending of e-mail only to the specified list of domain name.
	Note: Use a comma to separate each domain.
Send Me a Copy  Never appears*  On by Default  Off by Default  Always On	Send a copy of the e-mail to yourself.
Allow self e-mails only Off* On	Set the printer to send e-mails to yourself only.
Use cc:/bcc: Off* On	Enable carbon copy and blind carbon copy in e-mail.
Use Multi-Page TIFF Off On*	Enable scanning of multiple TIFF images in one TIFF file.
TIFF Compression  JPEG  LZW*	Specify the compression type for TIFF files.
<b>Text Default</b> 5–95 (75*)	Set the text quality in the content being scanned.
Text/Photo Default 5-95 (75*)	Set the text and photo quality in the content being scanned.
Photo Default 5–95 (50*)	Set the photo quality of the content being scanned.
Note: An asterisk (*) next to a value indica	ates the factory default setting.

Menu item	Description
Transmission Log Print log* Do Not Print Log Print Only For Error	Print a transmission log for e-mail scans.
Log Paper Source  Tray [x] (1*)  Multipurpose Feeder	Specify the paper source for printing e-mail logs.
Log Output Bin Standard Bin* Bin [x]	Specify the output bin for printed e-mail logs.
Custom Job Scanning Off* On	Set the printer to scan the first set of original documents using the specified settings, and then scan the next set with the same or different settings.  Note: This menu item appears only when a hard disk is installed.
Scan Preview	Show a scan preview of the original document.
Off On*	Note: This menu item appears only when a hard disk is installed.
Allow Save as Shortcut Off On*	Save an e-mail address as a shortcut.
E-mail Images Sent As Attachment* Web Link	Specify how to send the images that are included in the e-mail.
Reset E-mail Information After Sending Off On*	Reset the To, Subject, Message, and Filename fields to their default values after sending an e-mail.
Note: An asterisk (*) next to a value indica	ates the factory default setting.

# Web Link Setup

Menu item	Description
Server	Specify the credentials of the server that is hosting the images that are included
Login	in the e-mail.
Password	
Path	
File Name	
Web Link	

# **FTP**

### **FTP Defaults**

Menu item	Description
Format  JPEG (.jpg)  PDF (.pdf)*  TIFF (.tif)  XPS (.xps)  TXT (.txt)  RTF (.rtf)  DOCX (.docx)  CSV (.csv)  Global OCR Settings  Recognized Languages  Auto Rotate	Specify the file format for the scanned image.  Configure the settings for optical character recognition (OCR).  Note: This menu appears only if you have purchased and installed an OCR solution.
Despeckle Auto Contrast Enhance	
PDF Settings PDF Version 1.3 1.4 1.5* 1.6 1.7 Archival Version A-1a* A-1b Highly Compressed Off* On Secure Off* On Archival (PDF/A) Off* On	Set the PDF format for the scanned image.
Content Type Text Text/Photo* Photo Graphics	Improve the output result based on the content of the original document.

Menu item	Description
Content Source  Black and White Laser  Color Laser* Inkjet Photo/Film Magazine Newspaper Press Other	Improve the output result based on the source of the original document.
Color  Black and White  Gray  Color*  Auto	Specify the color when scanning an image.
<b>Resolution</b> 75 dpi 150 dpi* 200 dpi 300 dpi 400 dpi 600 dpi	Set the resolution of the scanned image.
Darkness -4 to 4 (0*)	Adjust the darkness of the scanned image.
<b>Orientation</b> Portrait* Landscape	Specify the orientation of text and graphics on the page.
Original Size  [List of paper sizes] (Auto Size Sense*)	Set the paper size of the original document.  Note: Letter is the U.S. factory default setting. A4 is the international factory default setting.
Sides Off* Long Edge Short Edge	Specify the page orientation of text and graphics when scanning a two-sided document.
onore Eage	1

### **Advanced Imaging**

Menu item	Description
Color Balance -4 to 4 (0*)	Adjust the amount of toner used for each color in scan output.
Note: An asterisk (*) next to a value	e indicates the factory default setting.

Menu item	Description
Color Dropout  Color Dropout  None*  Red  Green  Blue  Default Red Threshold  0-255 (128*)  Default Green Threshold  0-255 (128*)  Default Blue Threshold  0-255 (128*)	Specify which color to drop during scanning, and adjust the dropout setting for that color.
Auto Color Detect  Color Sensitivity  1–9 (5*)  Area Sensitivity  1–9 (5*)  FTP Bit Depth  1 bit*  8 bit	Set the amount of color that the printer detects from the original document.  Note: This menu item appears only when Color is set to Auto.
JPEG Quality  Best for content* 5–95	Set the quality of a JPEG-format image.  Notes:  5 reduces the file size, but lessens the image quality.  90 provides the best image quality, but produces a large file size.
Contrast  Best for content* 0–5	Specify the contrast of the output.
Background Removal  Background Detection  Content-based*  Fixed  Level  -4 to 4 (0*)	Adjust the amount of background visible on a scanned image.  Note: If you want to remove the background color from the original document, then set Background Detection to Content-based. If you want to remove image noise from a photo, then set Background Detection to Fixed.
Mirror Image Off* On	Create a mirror image of the original document.
Negative Image Off* On	Create a negative image of the original document.
Shadow Detail -4 to 4 (0*)	Adjust the amount of shadow detail visible on a scanned image.
Note: An asterisk (*) next to a valu	e indicates the factory default setting.

Menu item	Description
Scan Edge to Edge Off* On	Allow edge-to-edge scanning of the original document.
Sharpness 1–5 (3*)	Adjust the sharpness of a scanned image.
Temperature -4 to 4 (0*)	Specify whether to generate a cooler or warmer output.
Blank Pages  Blank Page Removal (Do Not Remove*)  Blank Page Sensitivity (5*)	Specify whether to include blank pages.

Menu item	Description
<b>Text Default</b> 5–95 (75*)	Set the quality of text on a scanned image.
Text/Photo Default 5-95 (75*)	Set the quality of text or photo image on a scanned image.
Photo Default 5-95 (50*)	Set the quality of a photo image on a scanned image.
Use Multi-Page TIFF On* Off	Choose between single- and multiple-page TIFF files.
TIFF Compression  LZW*  JPEG	Set a compression option for TIFF files.
Transmission Log Print Log* Do Not Print Log Print Only For Error	Print a log for successful FTP scan transmission.
Log Paper Source Tray [x] (1*) Multipurpose Feeder	Specify the paper source for printing FTP logs.
Log Output Bin Standard Bin* Bin [x]	Specify the output bin for printed FTP logs.

Menu item	Description
Custom Job Scanning Off* On	Turn on scanning of custom jobs by default.  Note: This menu item appears only when a hard disk is installed.
Scan Preview Off On*	Show a preview of the scan on the display.  Note: This menu item appears only when a hard disk is installed.
Allow Save as Shortcut  Off  On*	Save custom FTP settings as shortcuts.
Note: An asterisk (*) next to a value indicates the factory default setting.	

# **USB** Drive

# Flash Drive Scan

Menu item	Description
Format  JPEG (.jpg)  PDF (.pdf)*  TIFF (.tif)  XPS (.xps)  TXT (.txt)  RTF (.rtf)  DOCX (.doc)  CSV (.csv)	Specify the file format for the scanned image.
Global OCR Settings  Recognized Languages  Auto Rotate  Despeckle  Auto Contrast Enhance	Configure the settings for optical character recognition (OCR).  Note: This menu appears only if you have purchased and installed an OCR solution.
PDF Settings  PDF Version (1.5*)  Archival Version (A-1a*)  Highly Compressed (Off*)  Secure (Off*)  Archival (PDF/A) (Off*)	Configure the PDF settings of the scanned image.  Notes:  Archival Version and Archival (PDF/A) are supported only when PDF Version is set to 1.4.  Highly Compressed appears only when a hard disk is installed.

Menu item	Description
Content Type Text Text/Photo* Graphics Photo	Improve the output result based on the content type of the original document.
Content Source  Black and White Laser  Color Laser*  Inkjet  Photo/Film  Magazine  Newspaper  Press  Other	Improve the output result based on the content source of the original document.
Color  Black and White  Gray  Color*  Auto	Set the printer to capture file content in color or in mono.
Resolution 75 dpi 150 dpi* 200 dpi 300 dpi 400 dpi 600 dpi	Set the resolution of the scanned image.
Darkness 1–9 (5*)	Adjust the darkness of the scanned image.
Orientation Portrait* Landscape	Specify the orientation of the original document.
Original Size Auto Size Sense*	Set the paper size of the original document.
Sides Off* Long edge Short edge	Specify the orientation of the original document when scanning on both sides of the document.
File Name	Specify the file name of the scanned image.
Note: An asterisk (*) next to a	a value indicates the factory default setting.

### **Advanced Imaging**

Menu item	Description
Color Balance	Adjust the color intensity for cyan, magenta, and yellow.
Cyan (0*)	Adjust the color intensity for cyan, magerita, and yellow.
Magenta (0*)	
Yellow (0*)	
Color Dropout	Specify which color to drop during scanning, and adjust the dropout setting for that color.
Color Dropout (None*)	setting for that color.
Default Red Threshold (128*)  Default Green Threshold (128*)	
Default Green Threshold (128)  Default Blue Threshold (128*)	
Auto Color Detect	Configure the auto color detection setting.
Color Sensitivity (5*)	
Area Sensitivity (5*)	
Scan Bit Depth (1 bit*)	
JPEG Quality	Set the JPEG quality of the scanned image.
Best for content*	
5–95	
Contrast	Specify the contrast for the scanned image.
Best for content*	
0–5	
Background Removal	Remove the background color or image noise from the original
Background Detection (Content-based*)	document.
Level (0*)	Notes:
	<ul> <li>Content-based removes the background color from the original document.</li> </ul>
	Fixed removes image noise from a photo.
Mirror Image	Create a mirror image of the original document.
Off*	
On	
Negative Image	Create a negative image of the original document.
Off*	
On	
Shadow Detail	Adjust the shadow detail in the scanned image.
-4 to 4 (0*)	
Scan Edge to Edge	Scan the original document from edge to edge.
Off*	
On	
Sharpness	Adjust the sharpness in the scanned image.
1–5 (3*)	
Note: An asterisk (*) next to a value indicates	s the factory default setting.

Menu item	Description
Temperature -4 to 4 (0*)	Generate a bluer or redder output of the original document.
Blank Pages Blank Page Removal (Do Not Remove*) Blank Page Sensitivity (5*)	Set the sensitivity of scans in relation to blank pages in the original document.
Note: An asterisk (*) next to a value indicates the factory default setting.	

Menu item	Description
<b>Text Default</b> 5–95 (75*)	Set the quality of text on the scanned image.
Text/Photo Default 5-95 (75*)	Set the quality of text and photo on the scanned image.
Photo Default 5–95 (50*)	Set the quality of a photo on the scanned image.
Use Multi-Page TIFF Off On*	Enable scanning of multiple TIFF images in one TIFF file.
TIFF Compression  LZW*  JPEG	Specify the compression type for TIFF files.
Custom Job Scanning Off* On	Set the printer to scan the first set of original documents using the specified settings, and then scan the next set with the same or different settings.  Note: This menu item appears only when a hard disk is installed.
Scan Preview Off On*	Show a scan preview of the original document.  Note: This menu item appears only when a hard disk is installed.
Note: An asterisk (*) next to a value	e indicates the factory default setting.

### **Flash Drive Print**

Menu item	Description
Number of Copies 1–9999 (1*)	Set the number of copies.
Paper Source Tray [x] (1*) Multipurpose Feeder Manual Paper Manual Envelope	Set the paper source for the print job.

Menu item	Description
Color Off On*	Print a flash drive file in color.
Collate (1,1,1) (2,2,2) (1,2,3) (1,2,3)*	Keep the pages of a print job stacked in sequence, particularly when printing multiple copies of the job.
Sides 1-Sided* 2-Sided	Specify whether to print on one side or both sides of the paper.
Staple Off* 1 staple, top left corner 1 staple, top left corner 2 staples, left 1 staple, top right corner 2 staples, top 1 staple, bottom left corner 2 staples, bottom 1 staple, bottom right corner 2 staples, right	Specify the staple position for all print jobs.  Note: This menu item appears only when a staple finisher is installed.
Hole Punch Off* 2 holes 3 holes	Set the punch mode for all print jobs.  Note: This menu item appears only when a staple finisher is installed.
Offset Pages None* Between Copies Between Jobs	Offset the output of each print job or each copy of a print job.  Notes:  Between Copies offsets each copy of a print job if Collate is set to On [1,2,1,2,1,2]. If Collate is set to Off [1,1,1,2,2,2], then each set of printed pages is offset, such as all page 1s and all page 2s.  Between Jobs sets the same offset position for the entire print job regardless of the number of copies printed.  This menu item appears only when a finisher is installed.
Flip Style  Long Edge*  Short Edge	Determine which side of the paper is bound when performing two-sided printing.

Menu item	Description
Pages per Side Off* 2 pages per side 3 pages per side 4 pages per side 6 pages per side 9 pages per side 12 pages per side 16 pages per side	Print multiple page images on one side of a sheet of paper.
Pages per Side Ordering  Horizontal*  Reverse Horizontal  Reverse Vertical  Vertical	Specify the positioning of multiple page images when using Pages per Side menu.
Pages per Side Orientation Auto* Landscape Portrait	Specify the orientation of multiple page images when using Pages per Side menu.
Pages per Side Border None* Solid	Print a border around each page image when using Pages per Side menu.
Separator Sheets Off* Between Copies Between Jobs Between Pages	Insert blank separator sheets when printing.
Separator Sheet Source Tray [x] (1*) Multipurpose Feeder	Specify the paper source for the separator sheet.
Blank Pages  Do Not Print*  Print	Print blank pages in a print job.

# **Network/Ports**

### **Network Overview**

Menu item	Description
Active Adapter Auto* Standard Network Wireless	Specify the type of the network connection.  Note: Wireless is available only in printers connected to a wireless network.
Network Status	Show the connectivity status of the printer network.
Display Network Status on Printer Off On*	Show the network status on the display.
Speed, Duplex	Show the speed of the currently active network card.
IPv4	Show the IPv4 address.
All IPv6 Addresses	Show all IPv6 addresses.
Reset Print Server	Reset all active network connections to the printer.  Note: This setting removes all network configuration settings.
Network Job Timeout Off On* (90 seconds)	Set the time before the printer cancels a network print job.
Banner Page Off* On	Print a banner page.
Scan to PC Port Range	Specify a valid port range for printers that are behind a port blocking firewall.
Enable Network Connections Off On*	Enable the printer to connect to a network.
Enable LLDP Off* On	Enable Link Layer Discovery Protocol (LLDP) in the printer.
Note: An asterisk (*) next to a valu	e indicates the factory default setting.

### **Wireless**

**Note:** This menu is available only in printers connected to a Wi-Fi network or printers that have a wireless network adapter.

Menu item	Description
Setup Using Mobile App	Configure the wireless connection using Lexmark Mobile Assistant.
Setup On Printer Panel Choose Network Add Wi-Fi Network Network Name Network Mode (Infrastructure*) Wireless Security Mode (Disabled*)	Configure the wireless connection using the control panel.
Wi-Fi Protected Setup Start Push Button Method Start PIN Method	Establish a Wi-Fi network and enable network security.
Enable Wi-Fi Direct On Off*	Enable Wi-Fi Direct-capable devices to connect to the printer.
Compatibility 802.11b/g/n (2.4GHz) 802.11a/b/g/n/ac (2.4GHz/5GHz)* 802.11a/n/ac (5GHz)	Specify the standard for the Wi-Fi network.
Wireless Security Mode Disabled* WEP WPA2/WPA-Personal WPA2-Personal 802.1x - RADIUS	Set the security mode for connecting the printer to Wi-Fi devices.
IPv4 Enable DHCP (On*) Set Static IP Address	Configure the IPv4 settings.
IPv6 Enable IPv6 (On*) Enable DHCPv6 (Off*) Stateless Address Autoconfiguration (On*) DNS Server Address Manually Assigned IPv6 Address Manually Assigned IPv6 Router Address Prefix (64*) All IPv6 Addresses All IPv6 Router Addresses	Configure the IPv6 settings.
Network Address	Specify the network address.

Menu item	Description
PCL SmartSwitch Off On*	Set the printer to switch automatically to PCL emulation when a print job requires it, regardless of the default printer language.
	<b>Note:</b> When this setting is disabled, the printer does not examine incoming data and uses the default printer language specified in the Setup menu.
PS SmartSwitch Off On*	Set the printer to switch automatically to PostScript emulation when a print job requires it, regardless of the default printer language.
	<b>Note:</b> When this setting is disabled, the printer does not examine incoming data and uses the default printer language specified in the Setup menu.
Job Buffering Off*	Temporarily store print jobs on the hard disk before printing.
On	<b>Note:</b> This menu item appears only when a hard disk is installed.
Mac Binary PS Auto*	Set the printer to process Macintosh binary PostScript print jobs.
On	Notes:
Off	<ul><li>On processes raw binary PostScript print jobs.</li><li>Off filters print jobs using the standard protocol.</li></ul>

# **Ethernet**

Menu item	Description
Network Speed	Show the speed of the active network adapter.
IPv4	Configure the IPv4 settings.
Enable DHCP (On*)	
Set Static IP Address	
IPv6	Configure the IPv6 settings.
Enable IPv6 (On*)	
Enable DHCPv6 (Off*)	
Stateless Address Autoconfiguration (On*)	
DNS Server Address	
Manually Assigned IPv6 Address	
Manually Assigned IPv6 Router	
Address Prefix (64*)	
All IPv6 Addresses	
All IPv6 Router Addresses	
Network Address	Specify the network address.
UAA	
LAA	

Menu item	Description
PCL SmartSwitch Off	Set the printer to switch automatically to PCL emulation when a print job requires it, regardless of the default printer language.
On*	<b>Note:</b> When this setting is disabled, the printer does not examine incoming data and uses the default printer language specified in the Setup menu.
PS SmartSwitch Off	Set the printer to switch automatically to PostScript emulation when a print job requires it, regardless of the default printer language.
On*	<b>Note:</b> When this setting is disabled, the printer does not examine incoming data and uses the default printer language specified in the Setup menu.
Job Buffering	Temporarily store jobs on the hard disk before printing.
Off* On	<b>Note:</b> This menu item appears only when a hard disk is installed.
Mac Binary PS Auto*	Set the printer to process Macintosh binary PostScript print jobs.  Notes:
On Off	<ul> <li>Auto processes print jobs from computers using either Windows or Macintosh operating systems.</li> </ul>
	<ul> <li>Off filters PostScript print jobs using the standard protocol.</li> </ul>
Energy Efficient Ethernet On Off Auto*	Reduce power consumption when the printer does not receive data from the Ethernet network.

# TCP/IP

**Note:** This menu appears only in network printers or printers attached to print servers.

Menu item	Description
Set Hostname	Set the current TCP/IP host name.
Domain Name	Set the domain name.
Allow DHCP/BOOTP to update NTP server On* Off	Allow the DHCP and BOOTP clients to update the NTP settings of the printer.
Zero Configuration Name	Specify a service name for the zero configuration network.
Enable Auto IP  Off* On	Assign an IP address automatically.
DNS Server Address	Specify the current Domain Name System (DNS) server address.
Note: An asterisk (*) next to a value indicates the factory default setting.	

Menu item	Description
Backup DNS Address	Specify the backup DNS server addresses.
Backup DNS Address 2	
Backup DNS Address 3	
Domain Search Order	Specify a list of domain names to locate the printer and its resources that reside in different domains on the network.
Enable DDNS Off*	Update the Dynamic DNS settings.
On	
DDNS TTL	Specify the current DDNS settings.
Default TTL	
DDNS Refresh Time	
Off On*	Update the multicast DNS settings.
WINS Server Address	Specify a server address for Windows Internet Name Service (WINS).
Enable BOOTP Off*	Allow the BOOTP to assign a printer IP address.
On	
Restricted Server List	Specify the IP addresses that are allowed to communicate with the printer over TCP/IP.
	Notes:
	Use a comma to separate each IP address.
	You can add up to 50 IP addresses.
Restricted Server List Options  Block All Ports*  Block Printing Only  Block Printing and HTTP Only	Specify the access option for IP addresses that are not in the list.
MTU 256–1500 Ethernet (1500*)	Specify a maximum transmission unit (MTU) parameter for the TCP connections.
Raw Print Port 1–65535 (9100*)	Specify a raw port number for printers connected on a network.
Outbound Traffic Maximum Speed Off* On	Set the maximum transfer rate of the printer.  Note: When enabled, the option for this setting is 100–1000000 Kilobits/second.
Enable TLSv1.0 Off On*	Enable the TLSv1.0 protocol.
<b>Note:</b> An asterisk (*) next to a valu	ie indicates the factory default setting.

Menu item	Description
Enable TLSv1.1	Enable the TLSv1.1 protocol.
Off	
On*	
SSL Cipher List	Specify the cipher algorithms to use for the SSL or the TLS connections.
Note: An asterisk (*) next to a value indicates the factory default setting.	

### **SNMP**

**Note:** This menu appears only in network printers or printers that are attached to print servers.

Menu item	Description
SNMP Versions 1 and 2c	Configure Simple Network Management Protocol (SNMP) versions 1
Enabled	and 2c to install print drivers and applications.
Off	
On*	
Allow SNMP Set	
Off	
On*	
Enable PPM MIB	
Off	
On*	
SNMP Community	
SNMP Version 3	Configure SNMP version 3 to install and update the printer security.
Enabled	
Off	
On*	
Set Read/Write Credentials	
User Name	
Password	
Set Read-only Credentials	
User Name	
Password	
Authentication Hash	
MD5	
SHA1*	
Minimum Authentication Level	
No Authentication, No Privacy	
Authentication, No Privacy	
Authentication, Privacy*	
Privacy Algorithm	
DES	
AES-128*	

### **IPSec**

**Note:** This menu appears only in network printers or printers that are attached to print servers.

Menu item	Description
Enable IPSec	Enable Internet Protocol Security (IPSec).
Off	
On*	
Base Configuration	Set the IPSec base configuration.
Default*	
Compatibility	
Secure	
DH (Diffie-Hellman) Group Proposal	Set the IPSec base configuration.
modp2048 (14)* modp3072 (15)	<b>Note:</b> This menu item appears only when Base Configuration is set to Compatibility.
modp4096 (16)	to Compatibility.
modp6144 (17)	
Proposed Encryption Method	Set the encryption method.
3DES	Note: This menu item appears only when Base Configuration is set
AES*	to Compatibility.
Proposed Authentication Method	Set the authentication method.
SHA1	Note: This menu item appears only when Base Configuration is set
SHA256*	to Compatibility.
SHA512	
IKE SA Lifetime (Hours)	Specify the IKE SA expiry period.
1	<b>Note:</b> This menu item appears only when Base Configuration is set
2	to Secure.
8	
24*	
IPSec SA Lifetime (Hours)	Specify the IPSec SA expiry period.
1	<b>Note:</b> This menu item appears only when Base Configuration is set
2	to Secure.
4	
8*	
24	
IPSec Device Certificate	Specify an IPSec certificate.
Pre-Shared Key Authenticated	Configure the authenticated connections of the printer.
Connections	
Host [x]	$\perp$
Certificate Authenticated Connections	
Host [x] Address[/subnet]	

#### 802.1x

**Note:** This menu appears only in network printers or printers that are attached to print servers.

Menu item	Description
Active	Let the printer join networks that require authentication before
Off*	allowing access.
On	
Note: An asterisk (*) next to a value indicates the factory default setting.	

# **LPD Configuration**

Note: This menu appears only in network printers or printers that are attached to print servers.

Menu item	Description
LPD Timeout 0-65535 seconds (90*)	Set the time-out value to stop the Line Printer Daemon (LPD) server from waiting indefinitely for hung or invalid print jobs.
LPD Banner Page Off* On	Print a banner page for all LPD print jobs.  Note: A banner page is the first page of a print job used as a separator of print jobs and to identify the originator of the print job request.
LPD Trailer Page Off* On	Print a trailer page for all LPD print jobs.  Note: A trailer page is the last page of a print job.
LPD Carriage Return Conversion  Off*  On	Enable carriage return conversion.  Note: Carriage return is a mechanism that commands the printer to move the position of the cursor to the first position on the same line.
Note: An asterisk (*) next to a value indicates the factory default setting.	

# **HTTP/FTP Settings**

Description
Access the Embedded Web Server to monitor and manage the printer.
Enable Hypertext Transfer Protocol Secure (HTTPS) to encrypt data transferring
to and from the print server.
Force the printer to use HTTPS connections.
_

Menu item	Description
Enable FTP/TFTP  Off  On*	Send files using FTP/TFTP.
Local Domains	Specify domain names for HTTP and FTP servers.
HTTP Proxy IP Address	Configure the HTTP and FTP server settings.
FTP Proxy IP Address	
HTTP Default IP Port	
HTTPS Device Certificate	
FTP Default IP Port	
Timeout for HTTP/FTP Requests 1–299 (30*)	Specify the amount of time before the server connection stops.
Retries for HTTP/FTP Requests 1–299 (3*)	Set the number of retries to connect to the HTTP/FTP server.
Note: An asterisk (*) next to a value indicates the factory default setting.	

### **ThinPrint**

Menu item	Description
Enable ThinPrint Off* On	Print using ThinPrint.
<b>Port Number</b> 4000–4999 (4000*)	Set the port number for the ThinPrint server.
Bandwidth (bits/sec) 100–1000000 (0*)	Set the speed to transmit data in a ThinPrint environment.
Packet Size (kbytes) 0-64000 (0*)	Set the packet size for data transmission.
Note: An asterisk (*) next to a value indicates the factory default setting.	

# USB

Menu item	Description	
PCL SmartSwitch Off	Set the printer to switch to PCL emulation when a print job received through a USB port requires it, regardless of the default printer language.	
On*	<b>Note:</b> When this setting is disabled, the printer does not examine incoming data and uses the default printer language specified in the Setup menu.	
Note: An asterisk (*) next to a value indicates the factory default setting.		

Menu item	Description
PS SmartSwitch Off	Set the printer to switch to PostScript emulation when a print job received through a USB port requires it, regardless of the default printer language.
On*	<b>Note:</b> When this setting is disabled, the printer does not examine incoming data and uses the default printer language specified in the Setup menu.
Job Buffering	Temporarily store jobs on the hard disk before printing.
Off*	Note: This menu item appears only when a hard disk is installed.
On	
Mac Binary PS	Set the printer to process Macintosh binary PostScript print jobs.
Auto*	Notes:
On Off	<ul> <li>Auto processes print jobs from computers using either Windows or Macintosh operating systems.</li> </ul>
	Off filters PostScript print jobs using the standard protocol.
Enable USB Port	Enable the front USB drive port.
Off	
On*	
Note: An asterisk (	*) next to a value indicates the factory default setting.

### **Restrict external network access**

Menu item	Description
Restrict external network	Restrict access to network sites.
access	
Off*	
On	
External network address	Specify the network addresses with restricted access.
E-mail address for notification	Specify an e-mail address to send a notification of logged events.
Ping frequency	Specify the network query interval in seconds.
1–300 (10*)	
Subject	Specify the subject and message of the notification e-mail.
Message	
Note: An asterisk (*) next to a value indicates the factory default setting.	

# **Google Cloud Print**

Menu item	Description
Registration Register	Register the printer to the Google Cloud Print server.
Note: An asterisk (*) next to a value indicates the factory default setting.	

Menu item	Description
Options Enable Google Cloud Print Off On*	Print directly from your Google account.
Options  Enable Local Discovery  Off  On*	Allow the registered user and other users on the same subnet to send jobs to the printer locally.
Options  Enable SSL Peer Verification  Off  On*	Verify authenticity of the peer certificate to connect to your Google account.
Options Always Print As Image Off* On	Set the printer to process PDF files as an image for faster printing.

### **Wi-Fi Direct**

**Note:** This menu appears only when a direct Wi-Fi network is the active network.

Description
Specify the service set identifier (SSID) of the Wi-Fi network.
Show the PSK on the Network Setup Page.
Set the preshared key (PSK) to authenticate and validate users on a Wi-Fi connection.
Show the PSK on the Network Setup Page.
Specify the IP address of the group owner.
Accept requests to connect to the network automatically.  Note: Accepting clients automatically is not secure.

# **Security**

# **Login Methods**

### **Manage Permissions**

Menu item	Description	
Function Access	Control access to the printer functions.	
Access Address Book in Apps	<b>Note:</b> Some menu items appear only when a hard disk is installed.	
Modify Address Book		
Manage Shortcuts		
Create Profiles		
Manage Bookmarks		
Flash Drive Print		
Flash Drive Color Printing		
Flash Drive Scan		
Copy Function		
Copy Color Printing		
Color Dropout		
E-mail Function		
Fax Function		
FTP Function		
Release Held Faxes		
Held Jobs Access		
Use Profiles		
Cancel Jobs at the Device		
Change Language		
Internet Printing Protocol (IPP)		
Initiate Scans Remotely		
B/W Print		
Color Print		
Network Folder - Print		
Network Folder - Color Print		
Network Folder - Scan		
Hard Disk - Print		
Hard Disk - Color Print		
Hard Disk - Scan		

Menu item	Description
Administrative Menus	Control access to the printer menu settings.
Security Menu	
Network/Ports Menu	
Paper Menu	
Reports Menu	
Function Configuration Menus	
Supplies Menu	
Option Card Menu	
SE Menu	
Device Menu	
Device Management	Control access to the printer management options.
Remote Management	
Firmware Updates	
Apps Configuration	
Operator Panel Lock	
Import / Export All Settings	
Out of Service Erase	
Apps	Control access to printer applications.
New Apps	
Card Copy	
Scan Center	
Scan Center Custom [x]	
Forms and Favorites	

### **Local Accounts**

Menu item	Description
Manage Groups/Permissions	Show a list of all saved groups in the printer.
Add User User Name/Password User Name	Create local accounts and specify their access to the printer functions, administrative menus, printer management options, and applications.
Password PIN	

# **Schedule USB Devices**

Menu item	Description
Schedules	Schedule access to the front USB port.
Add New Schedule	

# **Security Audit Log**

Menu item	Description
Enable Audit	Record the events in the secure audit log and remote syslog.
Off*	
On	
Enable Remote Syslog	Send audit logs to a remote server.
Off*	
On	
Remote Syslog Server	Specify the remote syslog server.
Remote Syslog Port	Specify the remote syslog port.
1–65535 (514*)	
Remote Syslog Method	Specify a syslog method to transmit logged events to a remote server.
Normal UDP*	
Stunnel	
Remote Syslog Facility	Specify a facility code that the printer uses when sending log events to a remote
0 - Kernel Messages	server.
1 - User-Level Messages	
2 - Mail System	
3 - System Daemons	
4 - Security/Authorization	
Messages*	
5 - Messages Generated	
Internally by Syslogs	
6 - Line Printer Subsystem	
7 - Network News Subsystem	
8 - UUCP Subsystem	
9 - Clock Daemon	
10 - Security/Authorization Messages	
11 - FTP Daemon	
12 - NTP Subsystem	
13 - Log Audit	
14 - Log Alert	
15 - Clock Daemon	
16 - Local Use 0 (local0)	
17- Local Use 1 (local1)	
18 - Local Use 2 (local2)	
19 - Local Use 3 (local3)	
20 - Local Use 4 (local4)	
21 - Local Use 5 (local5)	
22 - Local Use 6 (local6)	
23 - Local Use 7 (local7)	
Note: An asterisk (*) next to a value	e indicates the factory default setting.

Menu item	Description
Severity of Events to Log	Specify the priority level cutoff for logging messages and events.
0 - Emergency	speed, are promy reconstant regging mescages and creme.
1 - Alert	
2 - Critical	
3 - Error	
4 - Warning*	
5 - Notice	
6 - Informational	
7 - Debug	
Remote Syslog Non-Logged Events	Send all events, regardless of severity level, to the remote server.
Off*	
On	
Admin's E-mail Address	Send e-mail notification of logged events to the administrator.
E-mail Log Cleared Alert Off*	Send e-mail notification to the administrator when a log entry is deleted.
On	
E-mail Log Wrapped Alert	Send e-mail notification to the administrator when the log becomes full and
Off*	begins to overwrite the oldest entries.
On	
Log Full Behavior	Resolve log storage issues when the log fills its allotted memory.
Wrap Over Older Entries*	
E-mail Log Then Delete All Entries	
E-mail % Full Alert	Send e-mail notification to the administrator when the log fills its allotted
Off*	memory.
On	
% Full Alert Level	
1–99 (90*)	
E-mail Log Exported Alert	Send e-mail notification to the administrator when a log is exported.
Off*	
On	
E-mail Log Settings Changed Alert	Send e-mail notification to the administrator when Enable Audit is set.
Off*	
On	
Log Line Endings	Specify how the log file terminates the end of each line.
LF (\n)*	
CR (\r)	
CRLF (\r\n)	
Note: An asterisk (*) next to a valu	ue indicates the factory default setting.

Menu item	Description
<b>Digitally Sign Exports</b> Off* On	Add a digital signature to each exported log file.
Clear Log	Delete all audit logs.
Export Log Syslog (RFC 5424) Syslog (RFC 3164) CSV	Export a security log to a flash drive.

# **Login Restrictions**

Menu item	Description
Login failures 1–10 (3*)	Specify the number of failed login attempts before the user gets locked out.
Failure time frame 1–60 minutes (5*)	Specify the time frame between failed login attempts before the user gets locked out.
Lockout time 1–60 minutes (5*)	Specify the lockout duration.
Web Login Timeout 1–120 minutes (10*)	Specify the delay for a remote login before the user is logged off automatically.
Note: An asterisk (*) next to a value indicates the factory default setting.	

# **Confidential Print Setup**

2 10	<ul> <li>Set the number of times an invalid PIN can be entered.</li> <li>Notes:</li> <li>A value of zero turns off this setting.</li> <li>When the limit is reached, the print jobs for that user name and PIN are deleted.</li> </ul>
Off* 1 Hour 4 Hours 24 Hours 1 Week	<ul> <li>Notes:</li> <li>If this menu item is changed while confidential print jobs reside in the printer memory or hard disk, then the expiration time for those print jobs does not change to the new default value.</li> <li>If the printer is turned off, then all confidential jobs held in the printer memory are deleted.</li> <li>value indicates the factory default setting.</li> </ul>

Menu item	Description
Repeat Job Expiration Off*	Set the expiration time for a print job that you want to repeat.
1 Hour	
4 Hours	
24 Hours	
1 Week	
Verify Job Expiration  Off*	Set the expiration time that the printer prints a copy for the user to examine its quality, before printing the remaining copies.
1 Hour	
4 Hours	
24 Hours	
1 Week	
Reserve Job Expiration Off*	Set the expiration time that the printer stores print jobs for printing later.
1 Hour	
4 Hours	
24 Hours	
1 Week	
Require All Jobs to be Held	Set the printer to hold all print jobs.
On	
Keep duplicate documents Off* On	Set the printer to print other documents with the same file name without overwriting any of the print jobs.
Note: An asterisk (*) next to a	a value indicates the factory default setting.

# **Disk Encryption**

**Note:** This menu appears only when a hard disk is installed.

Menu item	Description
Status	Enable disk encryption.
Enabled	
Disabled	
Start encryption	

# **Erase Temporary Data Files**

Menu item	Description
Stored in onboard memory  Off*  On	Delete all files stored on the printer memory.
Stored on hard disk 1 Pass Erase* 3 Pass Erase 7 Pass Erase	Delete all files stored on the printer hard disk.  Note: This menu item appears only when a printer hard disk is installed.
Note: An asterisk (*) next to a value indicates the factory default setting.	

# **Solutions LDAP Settings**

Menu item	Description
Follow LDAP Referrals	Search the different servers in the domain for the logged-in user account.
Off*	
On	
LDAP Certificate Verification	Enable verification of LDAP certificates.
Yes	
No*	

### Miscellaneous

Menu item	Description
Protected Features Show*	Show all the features that Function Access Control (FAC) protects regardless of the security permission that the user has.
Hide	<b>Note:</b> Hide displays only FAC-protected features that the user has access.
Print Permission Off* On	Let the user log in before printing.
Default Print Permission Login User Name/Password* User Name	Set the default login for Print Permission.
Security Reset Jumper Enable "Guest" access* No Effect	Specify user access to the printer.  Notes:  The jumper is located beside a lock icon on the controller board.  Enable "Guest" access provides anyone access to all aspects of the printer.
	<ul> <li>No Effect may make access to the printer impossible when the required security information is unavailable.</li> </ul>

Menu item	Description
Minimum Password Length 0-32	Specify the password length.
Note: An asterisk (*) next to a value indicates the factory default setting.	

# **Reports**

# **Menu Settings Page**

Menu item	Description
Menu Settings Page	Print a report that contains the printer menus.

### **Device**

Menu item	Description
Device Information	Print a report that contains information about the printer.
<b>Device Statistics</b>	Print a report about printer usage and supply status.
Profile List	Print a list of profiles that are stored in the printer.
Asset Report	Print a report that contains the printer serial number and model name.

### **Print**

Menu item	Description
Print Fonts PCL Fonts PS Fonts	Print samples and information about the fonts that are available in each printer language.
Print Directory	Print the resources that are stored in the flash drive or hard disk.
	<b>Note:</b> This menu item appears only when a flash drive or hard disk is installed.

### **Shortcuts**

Menu item	Description
All Shortcuts	Print a report that lists the shortcuts that are stored in the printer.
Fax Shortcuts	
Copy Shortcuts	
E-mail Shortcuts	
FTP Shortcuts	
Network Folder Shortcuts	

### Fax

Menu item	Description
Fax Job Log	Print a report about the last 200 completed fax jobs.
	Note: This menu item appears only when Enable Job Log is set to On.
Fax Call Log	Print a report about the last 100 attempted, received, and blocked calls.
	Note: This menu item appears only when Enable Job Log is set to On.

### **Network**

Menu item	Description
Network Setup Page	Print a page that shows the configured network and wireless settings on the printer.
	<b>Note:</b> This menu item appears only in network printers or printers connected to print servers.
Wi-Fi Direct Connected Clients	Print a page that shows the list of devices that are connected to the printer using Wi-Fi Direct.
	Note: This menu item appears only when Enable Wi-Fi Direct is set to On.

# Help

Menu item	Description
Print All Guides	Prints all the guides
Color Quality Guide	Provides information about solving color quality issues
Connection Guide	Provides information about connecting the printer locally (USB) or to a network
Copy Guide	Provides information about making a copy and configuring the settings
E-mail Guide	Provides information about sending an e-mail and configuring the settings
Fax Guide	Provides information about sending a fax and configuring the settings
Information Guide	Provides information about the printer
Media Guide	Provides information about loading paper and specialty media
Moving Guide	Provides information about moving, locating, or shipping the printer
Print Quality Guide	Provides information about solving print quality issues
Scan Guide	Provides information about scanning a document and configuring the settings
Supplies Guide	Provides information about ordering supplies

# **Troubleshooting**

# **Troubleshooting**

Menu item	Description	
Print Quality Test Pages	Print sample pages to identify and correct print quality defects.	
Cleaning the Scanner	Print instructions on how to clean the scanner.	

Securing the printer 161

# **Securing the printer**

# Locating the security slot

The printer is equipped with a security lock feature. Attach a security lock compatible with most laptop computers in the location shown to secure the printer in place.



# **Erasing printer memory**

To erase volatile memory or buffered data in your printer, turn off the printer.

To erase nonvolatile memory or individual settings, device and network settings, security settings, and embedded solutions, do the following:

- 1 From the home screen, touch Settings > Device > Maintenance > Out of Service Erase.
- 2 Select the Sanitize all information on nonvolatile memory check box, and then touch ERASE.
- 3 Select Start initial setup wizard or Leave printer offline, and then touch Next.
- **4** Start the operation.

### **Erasing printer hard disk memory**

- 1 From the home screen, touch Settings > Device > Maintenance > Out of Service Erase.
- 2 Select the Sanitize all information on hard disk check box, and then touch ERASE.
- 3 Select a method to erase data.
- **4** Start the operation.

**Note:** This process can take from several minutes to more than an hour, making the printer unavailable for other tasks.

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## **Encrypting the printer hard disk**

This process erases all contents in the hard disk. If necessary, back up important data from the printer before starting the encryption.

- 1 From the home screen, touch Settings > Security > Disk Encryption > Start encryption.
- **2** Follow the instructions on the display.

#### Notes:

- To avoid loss of data, do not turn off the printer during the encryption process.
- This process can take from several minutes to more than an hour, making the printer unavailable for other tasks.
- After encryption, the printer automatically restarts.

# Restoring factory default settings

- 1 From the home screen, touch Settings > Device > Restore Factory Defaults.
- **2** Touch **Restore Settings** > select the settings that you want to restore > **RESTORE**.
- **3** Start the operation.

# **Statement of Volatility**

Type of memory	Description
Volatile memory	The printer uses standard random access memory (RAM) to buffer temporarily user data during simple print and copy jobs.
Non-volatile memory	The printer may use two forms of non-volatile memory: EEPROM and NAND (flash memory). Both types are used to store the operating system, printer settings, network information, scanner and bookmark settings, and embedded solutions.
Hard disk memory	Some printers may have a hard disk drive installed. The printer hard disk is designed for printer-specific functionality. The hard disk lets the printer retain buffered user data from complex print jobs, form data, and font data.

Erase the content of any installed printer memory in the following circumstances:

- The printer is decommissioned.
- The printer hard disk is replaced.
- The printer is moved to a different department or location.
- The printer is serviced by someone from outside your organization.
- The printer is removed from your premises for service.
- The printer is sold to another organization.

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#### Disposing of a printer hard disk

- **Degaussing**—Flushes the hard disk with a magnetic field that erases stored data
- **Crushing**—Physically compresses the hard disk to break component parts and render them unreadable
- Milling—Physically shreds the hard disk into small metal bits

**Note:** To guarantee that all data are completely erased, destroy physically each hard disk where data is stored.

# **Maintaining the printer**

**Warning—Potential Damage:** Failure to maintain optimum printer performance, or to replace parts and supplies, may cause damage to your printer.

## Networking

**Note:** Purchase a MarkNet<sup>TM</sup> N8370 wireless print server first before setting up the printer on a wireless network. For information on installing the wireless print server, see the setup sheet that came with the option.

### Connecting the printer to a Wi-Fi network

Make sure that Active Adapter is set to Auto. From the home screen, touch **Settings > Network/Ports > Network Overview > Active Adapter**.

#### Using the control panel

- 1 From the home screen, touch Settings > Network/Ports > Wireless > Setup On Printer Panel > Choose Network.
- **2** Select a Wi-Fi network, and then type the network password.

**Note:** For Wi-Fi-network-ready printer models, a prompt for Wi-Fi network setup appears during initial setup.

#### **Using Lexmark Mobile Assistant**

- **1** Depending on your mobile device, download the Lexmark Mobile Assistant application from either the Google Play store or App Store online store.
- 2 From the printer home screen, touch Settings > Network/Ports > Wireless > Setup Using Mobile App > Printer ID.
- **3** From your mobile device, launch the application, and then accept the Terms of Use.

**Note:** If necessary, grant permissions.

- 4 Tap Connect to Printer > Go to Wi-Fi Settings.
- **5** Connect your mobile device to the printer wireless network.
- **6** Return to the application, and then tap **Setup Wi-Fi Connection**
- **7** Select a Wi-Fi network, and then type the network password.
- 8 Tap Done.

# Connecting the printer to a wireless network using Wi-Fi Protected Setup (WPS)

Before you begin, make sure that:

- The access point (wireless router) is WPS-certified or WPS-compatible. For more information, see the documentation that came with your access point.
- A wireless network adapter is installed in your printer. For more information, see the instructions that came with the adapter.
- Active Adapter is set to Auto. From the home screen, touch Settings > Network/Ports > Network Overview
   Active Adapter.

#### **Using the Push Button method**

- 1 From the home screen, touch Settings > Network/Ports > Wireless > Wi-Fi Protected Setup > Start Push Button Method.
- **2** Follow the instructions on the display.

#### Using the personal identification number (PIN) method

- 1 From the home screen, touch Settings > Network/Ports > Wireless > Wi-Fi Protected Setup > Start PIN Method.
- 2 Copy the eight-digit WPS PIN.
- 3 Open a web browser, and then type the IP address of your access point in the address field.

#### Notes:

- To know the IP address, see the documentation that came with your access point.
- If you are using a proxy server, then temporarily disable it to load the web page correctly.
- **4** Access the WPS settings. For more information, see the documentation that came with your access point.
- **5** Enter the eight-digit PIN, and then save the changes.

### Connecting a mobile device to the printer

Before connecting your mobile device, make sure to do the following:

- Enable Wi-Fi Direct in the printer. From the control panel, navigate to: **Settings** > **Network/Ports** > **Wireless** > **Enable Wi-Fi Direct**.
- Show the preshared key (PSK) on the Network Setup Page. From the control panel, navigate to: Settings > Network/Ports > Wi-Fi Direct > Show PSK on Setup Page.
- Print the Network Setup Page. From the control panel, navigate to: Settings > Reports > Network > Network
   Setup Page.

#### Connecting using Wi-Fi Direct

- **1** From the mobile device, go to the settings menu.
- 2 Enable Wi-Fi, and then tap Wi-Fi Direct.
- **3** Select the printer SSID.
- **4** Confirm the connection on the printer control panel.

#### **Connecting using Wi-Fi**

**1** From the mobile device, go to the settings menu.

**2** Tap **Wi-Fi**, and then select the printer SSID.

Note: The string DIRECT-xy (where x and y are two random characters) is added before the SSID.

3 Enter the PSK.

Note: The PSK is the password.

#### **Notes:**

You can change the SSID on the control panel. Navigate to: Settings > Network/Ports > Wi-Fi Direct > SSID.

You can also change the PSK on the control panel. Navigate to: Settings > Network/Ports > Wi-Fi Direct
 Set PSK.

### Changing the printer port settings after installing an internal solutions port

#### **Notes:**

- If the printer has a static IP address, then do not change the configuration.
- If the computers are configured to use the network name instead of an IP address, then do not change the configuration.
- If you are adding a wireless internal solutions port (ISP) to a printer previously configured for an Ethernet connection, then disconnect the printer from the Ethernet network.

#### For Windows users

- **1** Open the printers folder.
- **2** From the shortcut menu of the printer with the new ISP, open the printer properties.
- **3** Configure the port from the list.
- 4 Update the IP address.
- **5** Apply the changes.

#### For Macintosh users

- 1 From System Preferences in the Apple menu, navigate to the list of printers, and then select + > IP.
- **2** Type the IP address in the address field.
- **3** Apply the changes.

### Deactivating the Wi-Fi network

- 1 From the home screen, touch Settings > Network/Ports > Network Overview > Active Adapter > Standard Network.
- **2** Follow the instructions on the display.

## Setting up serial printing (Windows only)

- **1** Set the parameters in the printer.
  - **a** From the control panel, navigate to the menu for the port settings.
  - **b** Locate the menu for the serial port settings, and then adjust the settings, if necessary.
  - c Apply the changes.
- **2** From your computer, open the printers folder, and then select your printer.
- **3** Open the printer properties, and then select the COM port from the list.
- **4** Set the COM port parameters in Device Manager.

#### Notes:

- Serial printing reduces printing speed.
- Make sure that the serial cable is connected to the serial port on your printer.

## Cleaning printer parts

### Cleaning the printer



**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock when cleaning the exterior of the printer, unplug the power cord from the electrical outlet and disconnect all cables from the printer before proceeding.

#### **Notes:**

- Perform this task after every few months.
- Damage to the printer caused by improper handling is not covered by the printer warranty.
- **1** Turn off the printer, and then unplug the power cord from the electrical outlet.
- **2** Remove paper from the standard bin and multipurpose feeder.
- 3 Remove any dust, lint, and pieces of paper around the printer using a soft brush or vacuum.
- 4 Wipe the outside of the printer with a damp, soft, lint-free cloth.

#### **Notes:**

- Do not use household cleaners or detergents, as they may damage the finish of the printer.
- Make sure that all areas of the printer are dry after cleaning.
- **5** Connect the power cord to the electrical outlet, and then turn on the printer.
  - <u>^</u>

**CAUTION—POTENTIAL INJURY:** To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

# Cleaning the scanner

1 Open the scanner cover.



- **2** Using a damp, soft, lint-free cloth, wipe the following areas:
  - ADF glass



• ADF glass pad



Scanner glass



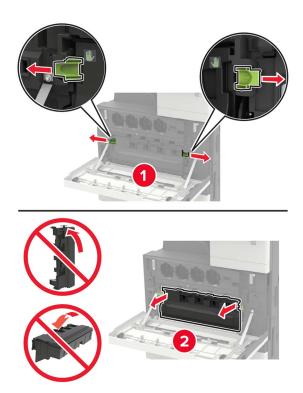
• Scanner glass pad



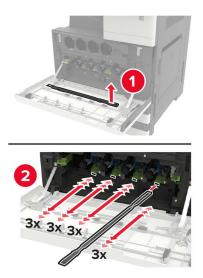
**3** Close the scanner cover.

### Cleaning the printhead lens

- 1 Open door A.
- **2** Remove the waste toner bottle.

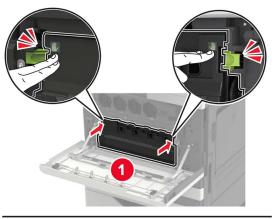


**3** Using the printhead wiper, clean the printhead lens.



4 Insert the wiper back into place.

**5** Insert the waste toner bottle, and then close the door.



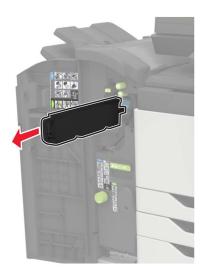


# **Emptying the hole punch box**

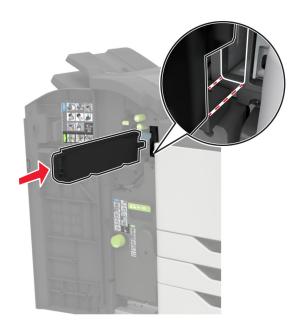
1 Open door H.



**2** Remove, and then empty the hole punch box.



**3** Insert the hole punch box.



4 Close the door.

## Ordering parts and supplies

To order parts and supplies in the U.S., contact 1-800-539-6275 for information about Lexmark authorized supplies dealers in your area. In other countries or regions, go to <a href="https://www.lexmark.com">www.lexmark.com</a> or contact the place where you purchased the printer.

Note: All life estimates for printer supplies assume printing on letter- or A4-size plain paper.

### Checking the status of parts and supplies

- 1 From the home screen, touch Status/Supplies.
- **2** Select the parts or supplies that you want to check.

Note: You can also access this setting by touching the top section of the home screen.

### Using genuine Lexmark parts and supplies

Your Lexmark printer is designed to function best with genuine Lexmark parts and supplies. Use of third-party supplies or parts may affect the performance, reliability, or life of the printer and its imaging components. It can also affect warranty coverage. Damage caused by the use of third-party parts and supplies is not covered by the warranty. All life indicators are designed to function with Lexmark parts and supplies, and may deliver unpredictable results if third-party parts and supplies are used. Imaging component usage beyond the intended life may damage your Lexmark printer or its associated components.

**Warning—Potential Damage:** Supplies and parts without Return Program agreement terms may be reset and remanufactured. However, the manufacturer's warranty does not cover any damage caused by non-genuine supplies or parts. Resetting counters on the supply or part without proper remanufacturing can cause damage to your printer. After resetting the supply or part counter, your printer may display an error indicating the presence of the reset item.

### **Ordering toner cartridges**

#### Notes:

- The estimated cartridge yield is based on the ISO/IEC 19798 standard.
- Extremely low print coverage for extended periods of time may negatively affect actual yield and may cause cartridge parts to fail before toner exhaustion.

#### XC9225 toner cartridges

Toner cartridges	Part number
Cyan	24B6842
Magenta	24B6843
Yellow	24B6844
Black	24B6845

#### XC9235, XC9245, XC9255, and XC9265 toner cartridges

Toner cartridges	Part number
Cyan	24B6846
Magenta	24B6847
Yellow	24B6848
Black	24B6849

### Ordering a photoconductor unit

Item	Part number
Black photoconductor unit	76C0PK0
Color photoconductor unit	76C0PV0

### Ordering a waste toner bottle

Item	Part number
Waste toner bottle	54G0W00

### **Ordering staple cartridges**

Item	Part number
Staple cartridges	25A0013

## Ordering maintenance kits

#### XC9225, XC9235, XC9245, XC9255, and XC9265 maintenance kits

Maintenance kits	Part number
200K ADF maintenance kit	41X1592
200K MPF maintenance kit	41X1977
600K CMY developer maintenance kit	41X1594
Black developer maintenance kit	41X1598
HCF rollers maintenance kit	41X1874

#### XC9245, XC9255, and XC9265 maintenance kits

Maintenance kits	Part number
300K transfer belt maintenance kit	41X2090
Fuser maintenance kit	41X1505

#### XC9225 and XC9235 maintenance kits

Maintenance kits	Part number
300K transfer belt maintenance kit	41X1593
Fuser maintenance kit, 100 V	41X2060
Fuser maintenance kit, 110 V	41X2061
Fuser maintenance kit, 120 V	41X1860
Fuser maintenance kit, 230 V	41X1861

### **Configuring supply notifications**

**1** Open a web browser, and then type the printer IP address in the address field.

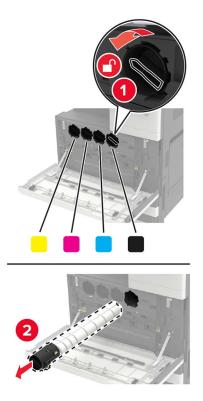
#### **Notes:**

- View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.
- If you are using a proxy server, then temporarily disable it to load the web page correctly.
- 2 Click Settings > Device > Notifications.
- **3** From the Supplies menu, click **Custom Supply Notifications**.
- **4** Select a notification for each supply item.
- **5** Apply the changes.

# Replacing parts and supplies

# Replacing a toner cartridge

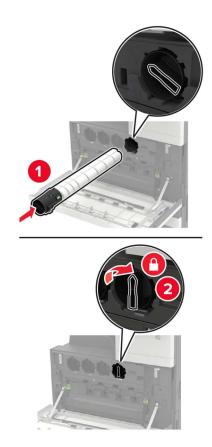
- 1 Open door A.
- **2** Remove the toner cartridge.



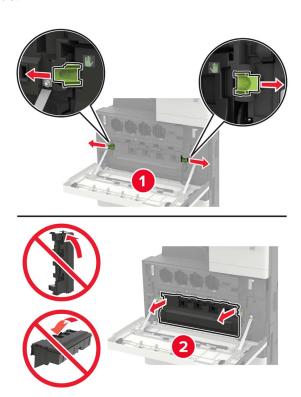
- **3** Unpack the new toner cartridge.
- **4** Shake the toner cartridge three times.



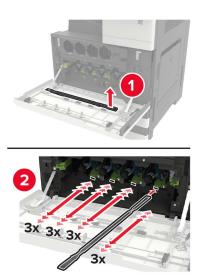
Insert the new toner cartridge.



Remove the waste toner bottle.



**7** Using the printhead wiper, clean the printhead lens.



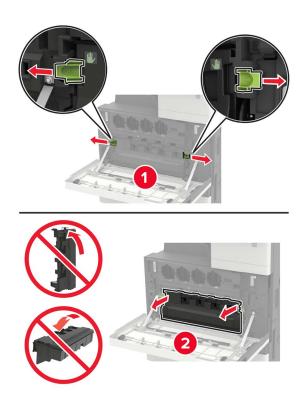
- 8 Insert the wiper back into place.
- **9** Insert the waste toner bottle, and then close the door.





### Replacing a photoconductor unit

- 1 Open door A.
- **2** Remove the waste toner bottle.

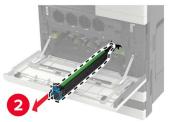


**3** Remove the photoconductor unit.

**Warning—Potential Damage:** Some parts of the printer are easily damaged by static electricity. Before touching any parts or components in an area marked with the static-sensitive symbol, touch a metal surface in an area away from the symbol.





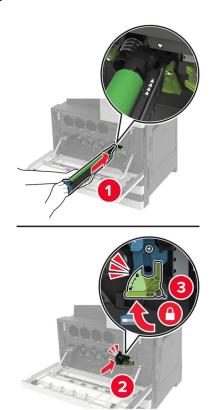


**4** Unpack the new photoconductor unit.

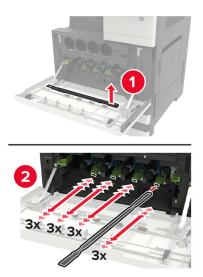
**Warning—Potential Damage:** Do not expose the photoconductor unit to direct light for more than one minute. Extended exposure to light may cause print quality problems.

**Warning—Potential Damage:** Do not touch the photoconductor drum. Doing so may affect the quality of future print jobs.

**5** Insert the new photoconductor unit.

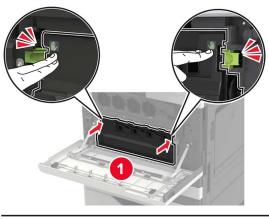


**6** Using the printhead wiper, clean the printhead lens.



7 Insert the wiper back into place.

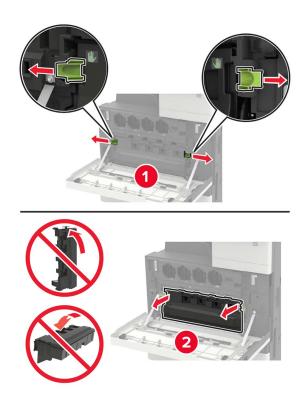
**8** Insert the waste toner bottle, and then close the door.



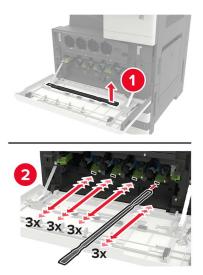


## Replacing the waste toner bottle

- 1 Open door A.
- **2** Remove the waste toner bottle.

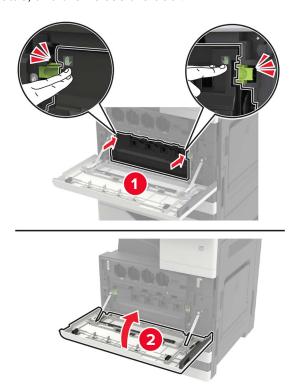


**3** Using the printhead wiper, clean the printhead lens.

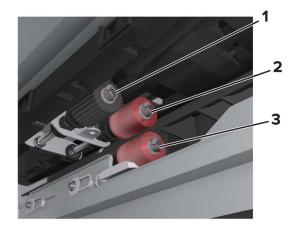


- **4** Insert the wiper back to into place.
- **5** Unpack the new waste toner bottle.

**6** Insert the new waste toner bottle, and then close the door.



## Replacing the pick, feed, and separator rollers



1	Pick roller
2	Feed roller
3	Separator roller

**1** Turn off the printer.

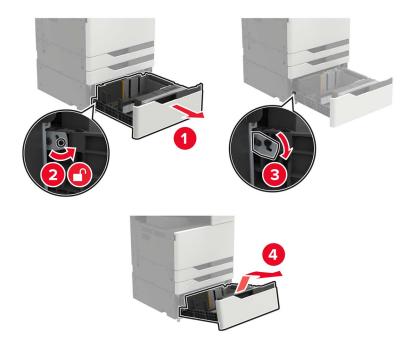


- **2** Remove all the trays.
  - Standard tray



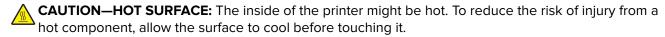
• Optional 2500-sheet tray

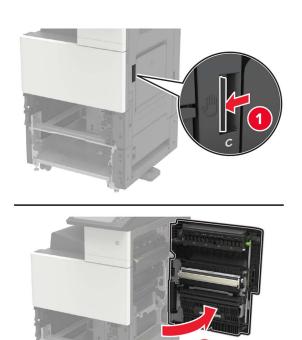
- Use the screwdriver stored inside door A.
- To remove the optional 2 x 500-sheet tray, follow the procedure in removing the standard tray.



## 3 Open door C.

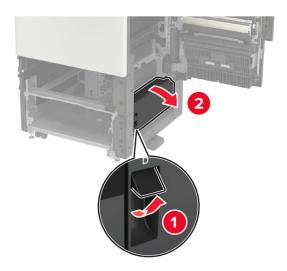
- Make sure that the door does not hit any cable attached to the printer.
- If a 3000-sheet tray is installed, then slide the tray to the right to open the door.





## 4 Open door D.

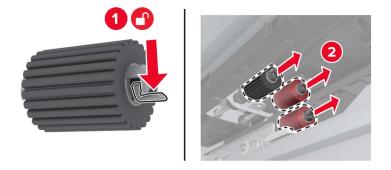
- Door D is only accessible if an optional 2500- or 2 x 500-sheet tray is installed.
- If a 3000-sheet tray is installed, then slide the tray to the right to open the door.



**5** Locate the rollers.



**6** Remove the rollers.



7 Insert the new rollers until they *click* into place.



**Note:** Make sure to insert the rollers to their proper places.

- 8 Close doors D and C.
- **9** Insert the trays, and then turn on the printer.

## Replacing the transfer belt

**1** Turn off the printer.



#### 2 Open door C.

#### Notes:

- Make sure that the door does not hit any cable attached to the printer.
- If a 3000-sheet tray is installed, then slide the tray to the right to open the door.



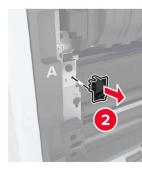
**CAUTION—HOT SURFACE:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.



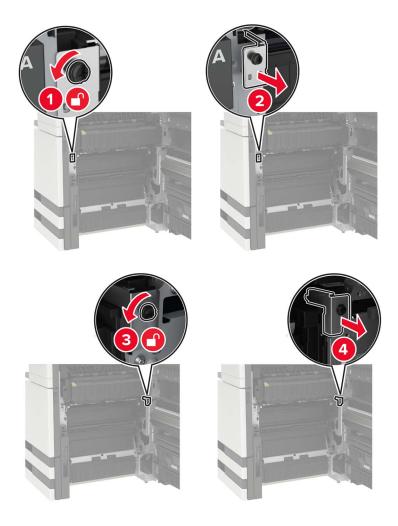


**3** Using the screwdriver stored inside door A, remove the door stopper.

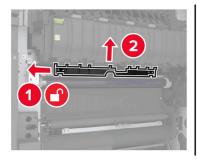


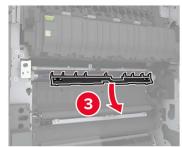


**4** Loosen the screws that secure the transfer belt.

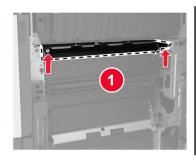


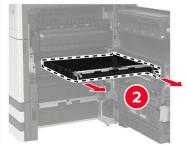
**5** Remove the paper guide.





**6** Remove the transfer belt.



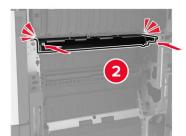


**7** Unpack the new transfer belt.

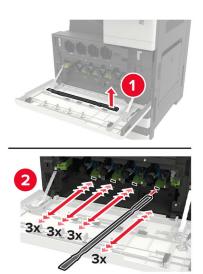
**Warning—Potential Damage:** Do not touch the transfer belt. Doing so may affect the quality of future print jobs.

8 Insert the new transfer belt until it *clicks* into place.





**9** Using the printhead wiper, clean the printhead lens.

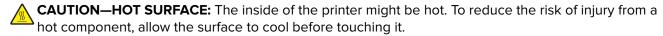


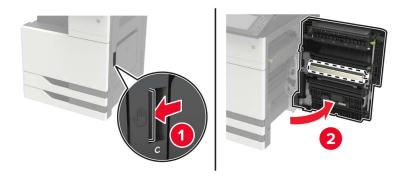
- 10 Insert the paper guide.
- 11 Secure the transfer belt.
- **12** Reattach the door stopper.
- **13** Close the door, and then turn on the printer.

## Replacing the transfer roller

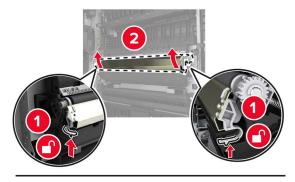
1 Open door C.

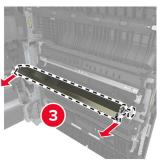
- Make sure that the door does not hit any cable attached to the printer.
- If a 3000-sheet tray is installed, then slide the tray to the right to open the door.



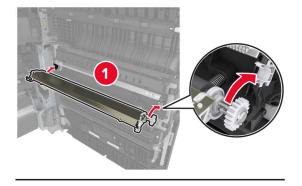


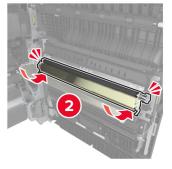
#### Remove the transfer roller.





- Unpack the new transfer roller.
- Insert the new transfer roller until it *clicks* into place.





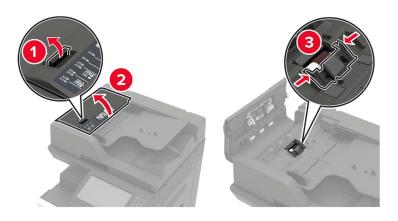
Close the door.

## Replacing the ADF separator roller

**1** Turn off the printer.



**2** Remove the ADF separator pad.





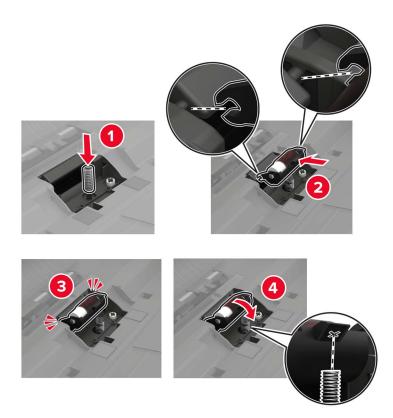
Remove the ADF separator roller.



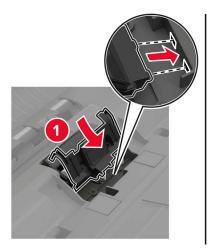




- Unpack the new separator roller.
- Insert the new separator roller.



**6** Insert the separator pad.





**7** Turn on the printer.

## Replacing the ADF pick and feed rollers

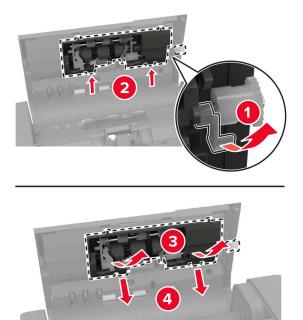
**1** Turn off the printer.



### 2 Open door B.

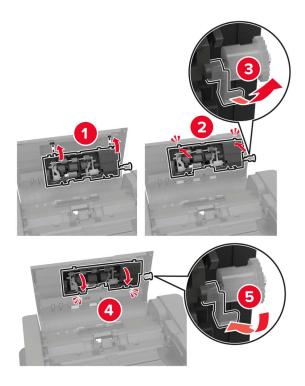


**3** Remove the ADF pick and feed rollers.



**4** Unpack the new pick and feed rollers.

**5** Insert the new pick and feed rollers.



**6** Close the door, and then turn on the printer.

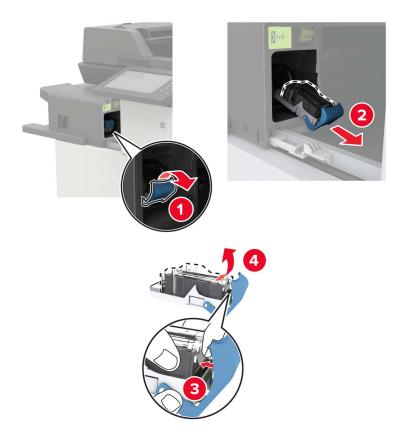
## Replacing the staple cartridge

### Replacing the staple cartridge in the staple finisher

**1** Slide the staple finisher.

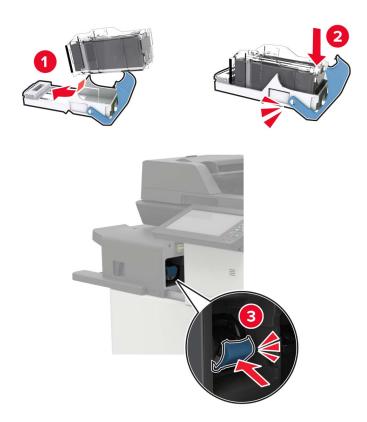


Remove the empty staple cartridge.



Unpack the new staple cartridge.

**4** Insert the new staple cartridge until it *clicks* into place.



**5** Slide the finisher back into place.

## Replacing the staple cartridge in the staple, hole punch finisher

1 Open door H.



### Remove the staple cartridge.







- Unpack the new staple cartridge.
- Insert the new staple cartridge until it *clicks* into place.







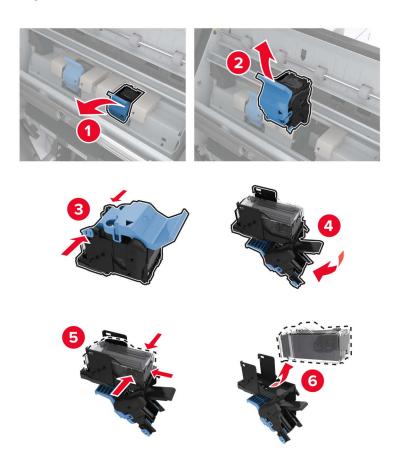
Close the door.

## Replacing the staple cartridge in the booklet finisher

**1** Open door H, and then pull out the booklet maker.

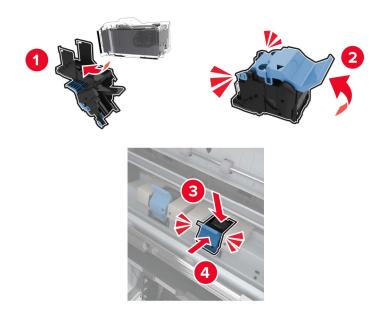


**2** Remove the staple cartridge.



**3** Unpack the new staple cartridge.

**4** Insert the new staple cartridge until it *clicks* into place.



**5** Push the booklet maker back into place, and then close the door.

## Moving the printer

Moving the printer to another location

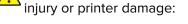
## Moving the printer to another location



CAUTION—POTENTIAL INJURY: If the printer weight is greater than 20 kg (44 lb), then it may require two or more people to lift it safely.



CAUTION—POTENTIAL INJURY: To avoid the risk of fire or electrical shock, use only the power cord provided with this product or the manufacturer's authorized replacement.



CAUTION—POTENTIAL INJURY: When moving the printer, follow these guidelines to avoid personal injury or printer damage:

- Make sure that all doors and trays are closed.
- Turn off the printer, and then unplug the power cord from the electrical outlet.
- Disconnect all cords and cables from the printer.
- If the printer has separate floor-standing optional trays or output options attached to it, then disconnect them before moving the printer.
- If the printer has a caster base, then carefully roll it to the new location. Use caution when passing over thresholds and breaks in flooring.
- If the printer does not have a caster base but is configured with optional trays or output options, then remove the output options and lift the printer off the trays. Do not try to lift the printer and any options at the same time.
- Always use the handholds on the printer to lift it.

- Any cart used to move the printer must have a surface able to support the full footprint of the printer.
- Any cart used to move the hardware options must have a surface able to support the dimensions of the options.
- Keep the printer in an upright position.
- Avoid severe jarring movements.
- Make sure that your fingers are not under the printer when you set it down.
- Make sure that there is adequate clearance around the printer.

Note: Damage to the printer caused by improper moving is not covered by the printer warranty.

### Shipping the printer

For shipping instructions, go to <a href="http://support.lexmark.com">http://support.lexmark.com</a> or contact customer support.

## Saving energy and paper

### Configuring the power save mode settings

#### Sleep mode

- 1 From the home screen, touch Settings > Device > Power Management > Timeouts > Sleep Mode.
- 2 Specify the amount of time that the printer stays idle before it enters Sleep Mode.

#### Hibernate mode

- 1 From the home screen, touch Settings > Device > Power Management > Timeouts > Hibernate Timeout.
- 2 Select the amount of time that the printer stays idle before it enters Hibernate mode.

#### **Notes:**

- For Hibernate Timeout to work, set Hibernate Timeout on Connection to Hibernate.
- The Embedded Web Server is disabled when the printer is in Hibernate mode.

## Adjusting the brightness of the printer display

- 1 From the home screen, touch Settings > Device > Preferences > Screen Brightness.
- **2** Adjust the setting.

## **Conserving supplies**

Print on both sides of the paper.

**Note:** Two-sided printing is the default setting in the print driver.

- Print multiple pages on a single sheet of paper.
- Use the preview feature to see how the document looks like before printing it.
- Print one copy of the document to check its content and format for accuracy.

## Recycling

### **Recycling Lexmark products**

To return Lexmark products for recycling:

- 1 Go to www.lexmark.com/recycle.
- **2** Select the product you want to recycle.

**Note:** Printer supplies and hardware not listed in the Lexmark Collection and Recycling Program may be recycled through your local recycling center.

### **Recycling Lexmark packaging**

Lexmark continually strives to minimize packaging. Less packaging helps to ensure that Lexmark printers are transported in the most efficient and environmentally sensitive manner and that there is less packaging to dispose of. These efficiencies result in fewer greenhouse emissions, energy savings, and natural resource savings. Lexmark also offers recycling of packaging components in some countries or regions. For more information, go to <a href="https://www.lexmark.com/recycle">www.lexmark.com/recycle</a>, and then choose your country or region. Information on available packaging recycling programs is included with the information on product recycling.

Lexmark cartons are 100% recyclable where corrugated recycling facilities exist. Facilities may not exist in your area.

The foam used in Lexmark packaging is recyclable where foam recycling facilities exist. Facilities may not exist in your area.

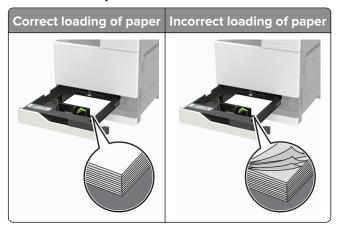
When you return a cartridge to Lexmark, you can reuse the box that the cartridge came in. Lexmark recycles the box.

# **Clearing jams**

## **Avoiding jams**

#### Load paper properly

• Make sure that the paper lies flat in the tray.



- Do not load or remove a tray while the printer is printing.
- Do not load too much paper. Make sure that the stack height is below the maximum paper fill indicator.
- Do not slide paper into the tray. Load paper as shown in the illustration.



- Make sure that the paper guides are positioned correctly and are not pressing tightly against the paper or envelopes.
- Push the tray firmly into the printer after loading paper.

#### Use recommended paper

- Use only recommended paper or specialty media.
- Do not load paper that is wrinkled, creased, damp, bent, or curled.

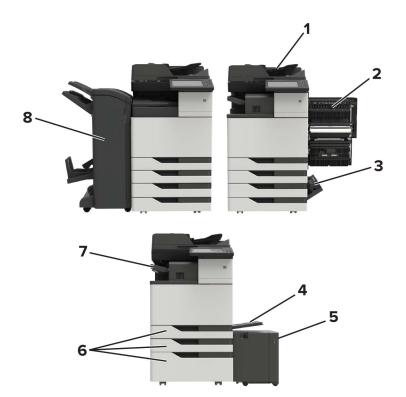
• Flex, fan, and align the paper edges before loading.



- Do not use paper that has been cut or trimmed by hand.
- Do not mix paper sizes, weights, or types in the same tray.
- Make sure that the paper size and type are set correctly on the computer or printer control panel.
- Store paper according to manufacturer recommendations.

# **Identifying jam locations**

**Note:** When Jam Recovery is set to On or Auto, the printer reprints jammed pages.

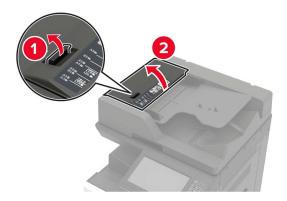


	Jam locations
1	Automatic document feeder (ADF)
2	Door C
3	Door D
4	Multipurpose feeder
5	3000-sheet tray
6	2 x 500- or 2500-sheet tray

	Jam locations	
7	Staple finisher	
8	Finisher	
	Booklet finisher	
	Staple, hole punch finisher	

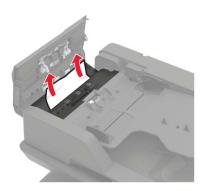
# Paper jam in the automatic document feeder

- **1** Remove all original documents from the ADF tray.
- 2 Open door B.



**3** Remove the jammed paper.

**Note:** Make sure that all paper fragments are removed.



4 Close the door.

**5** Open door B1.



**6** Remove the jammed paper.

Note: Make sure that all paper fragments are removed.



**7** Close the door.

# Paper jam in the multipurpose feeder

- **1** Remove paper from the multipurpose feeder.
- **2** Remove the jammed paper.



**3** Open door C to remove any paper fragments.



**CAUTION—HOT SURFACE:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.

#### **Notes:**

- Make sure that the door does not hit any cable attached to the printer.
- If a 3000-sheet tray is installed, then slide the tray to the right to open the door.
- **4** Close the door.
- **5** Flex, fan, and align the paper edges before loading.



6 Reload paper.

## Paper jam in door C

1 Open door C.



**CAUTION—HOT SURFACE:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.



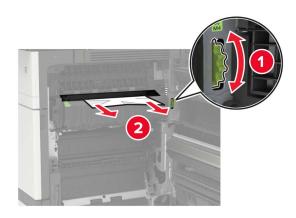


#### Notes:

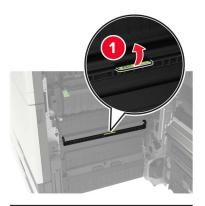
- Make sure that the door does not hit any cable attached to the printer.
- If a 3000-sheet tray is installed, then slide the tray to the right to open the door.
- **2** Remove the jammed paper from any of the following locations.

Note: Make sure that all paper fragments are removed.

• Fuser area

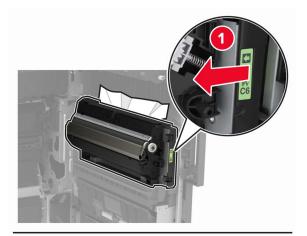


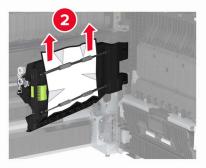
### • Below the fuser area



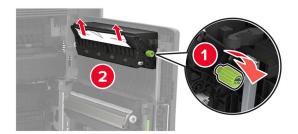


### • Duplex area





• Above the duplex area



**3** Open the standard trays, and then remove the jammed paper.

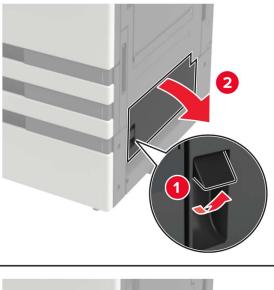
Note: Make sure that all paper fragments are removed.



**4** Close the trays, and then close the door.

# Paper jam in door D

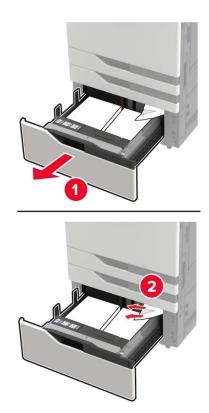
**1** Open door D, and then remove the jammed paper.





#### Notes:

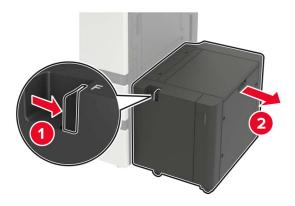
- If a 3000-sheet tray is installed, then slide the tray to the right to open the door.
- Open door C to make sure that all paper fragments are removed, and then close the door.
- **2** Open the optional tray, and then remove the jammed paper.



**3** Close the tray, and then close the door.

# Paper jam in the 3000-sheet tray

1 Slide the 3000-sheet tray.



**2** Remove the jammed paper.



**3** Open door F, and then remove the jammed paper.

**Note:** Make sure that all paper fragments are removed.



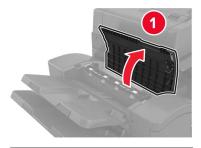
**4** Close the door, and then slide the tray back into place.

# Paper jam in the booklet finisher

**1** Open door G, and then remove the jammed paper.



### 2 Open door J.





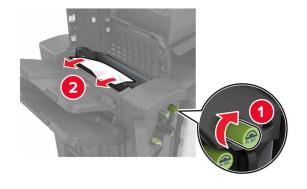
#### **3** Open door H.



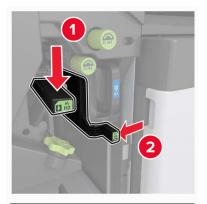
**4** Remove the jammed paper from any of the following locations.

**Note:** Make sure that all paper fragments are removed.

• Door J

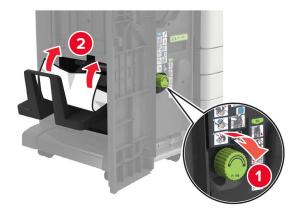


#### • Areas H1 and H2





#### • Area H6



**5** Pull out the booklet maker.



**6** Remove the jammed paper from any of the following locations.

**Note:** Make sure that all paper fragments are removed.

• Area H8



• Area H9



• Area H10



- **7** Push the booklet maker back into place.
- 8 Close doors H and J.

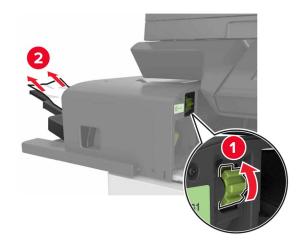
# Paper jam in the staple finisher

- **1** Remove paper from the staple finisher bin.
- **2** Slide the staple finisher, and then remove the jammed paper.

**Note:** Make sure that all paper fragments are removed.



If necessary, turn the spinner wheel G1 downward to feed the jammed paper into the finisher bin, and then remove the jammed paper.



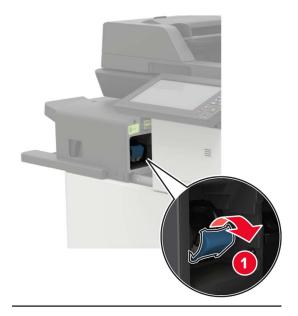
**3** Slide the finisher back into place.

# Staple jam in the staple finisher

1 Slide the staple finisher.

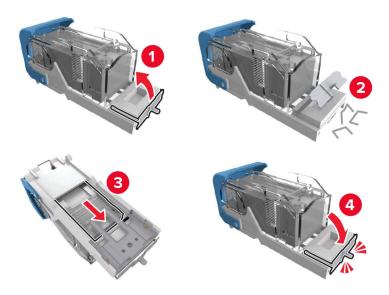


#### Remove the staple cartridge holder.





#### Remove the loose staples.



**4** Insert the staple cartridge holder until it *clicks* into place.



**5** Slide the finisher back into place.

# Staple jam in the staple, hole punch finisher

1 Open door H.

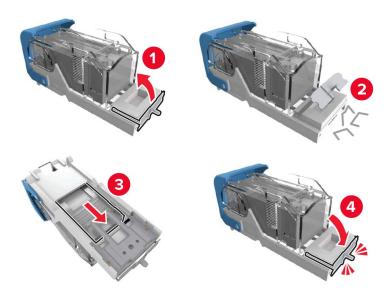


#### Remove the staple cartridge holder.





## Remove the loose staples.



**4** Insert the staple cartridge holder until it *clicks* into place.



**5** Close the door.

# Staple jam in the booklet finisher

**1** Open door H, and then pull out the booklet maker.

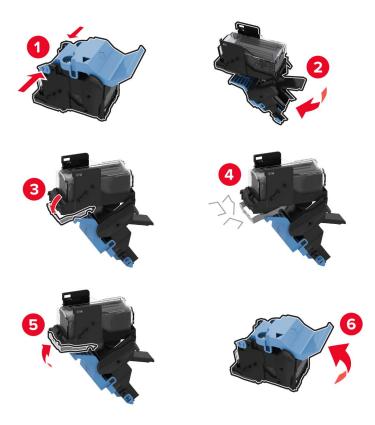


Remove the staple cartridge holder.

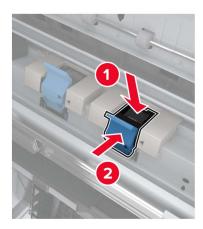




Remove the loose staples.



Insert the staple cartridge holder until it *clicks* into place.



Push the booklet maker back into place, and then close the door.

# **Troubleshooting**

# **Network connection problems**

# **Cannot open Embedded Web Server**

Action	Yes	No
Step 1	Go to step 2.	Turn on the printer.
Check if the printer is on.		
Is the printer on?		
Step 2	Go to step 3.	Type the correct
Make sure that the printer IP address is correct.		printer IP address in the address field.
Notes:		the address field.
View the IP address on the home screen.		
<ul> <li>An IP address appears as four sets of numbers separated by periods, such as 123.123.123.123.</li> </ul>		
Is the printer IP address correct?		
Step 3	Go to step 4.	Install a supported
Check if you are using a supported browser:		browser.
Internet Explorer version 11 or later		
Microsoft Edge		
Safari version 6 or later		
<ul> <li>Google Chrome<sup>™</sup> version 32 or later</li> </ul>		
Mozilla Firefox version 24 or later		
Is your browser supported?		
Step 4	Go to step 5.	Contact your
Check if the network connection is working.		administrator.
Is the network connection working?		
Step 5	Go to step 6.	Secure the cable
Make sure that the cable connections to the printer and print serve are secure. For more information, see the documentation that came with the printer.	r	connections.
Are the cable connections secure?		
Step 6	Go to step 7.	Contact your
Check if the web proxy servers are disabled.		administrator.
Are the web proxy servers disabled?		

Action	Yes	No
Step 7 Access the Embedded Web Server.	The problem is solved.	Contact <u>customer</u> <u>support</u> .
Did the Embedded Web Server open?		

#### Unable to read flash drive

Action	Yes	No
Step 1 Check if the printer is not busy processing another print, copy, scan, or fax job.	Go to step 2.	Wait for the printer to finish processing the other job.
Is the printer ready?		
Step 2 Check if the flash drive is supported. For more information, see "Supported flash drives and file types" on page 53.  Is the flash drive supported?	Go to step 3.	Insert a supported flash drive.
Step 3	The problem is	Contact customer
Remove, and then insert the flash drive.	solved.	support.
Does the printer recognize the flash drive?		

## **Enabling the USB port**

From the home screen, touch Settings > Network/Ports > USB > Enable USB Port.

## Checking the printer connectivity

- 1 From the home screen, touch **Settings** > **Reports** > **Network** > **Network** Setup **Page**.
- 2 Check the first section of the network setup page, and confirm that the status is connected.

  If the status is not connected, then the LAN drop may be inactive, or the network cable may be unplugged or malfunctioning. Contact your administrator for assistance.

## 900.xy error

Turn off the printer, wait for about 10 seconds, and then turn on the printer.

# **Hardware options problems**

## **Cannot detect internal option**

Action	Yes	No
Step 1 Turn off the printer, wait for about 10 seconds, and then turn on the printer.	The problem is solved.	Go to step 2.
Does the internal option operate correctly?		
Step 2 Print the Menu Settings Page, and then check if the internal option appears in the Installed Features list.	Go to step 4.	Go to step 3.
Is the internal option listed in the menu settings page?		
<ul> <li>Step 3</li> <li>Check if the internal option is installed properly into the controller board.</li> <li>a Turn off the printer, and then unplug the power cord from the electrical outlet.</li> <li>b Make sure that the internal option is installed in the appropriate connector in the controller board.</li> <li>c Connect the power cord to the electrical outlet, and then turn on the printer.</li> <li>CAUTION—POTENTIAL INJURY: To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.</li> <li>Does the internal option operate correctly?</li> </ul>	The problem is solved.	Go to step 4.
Step 4	The problem is	Contact <u>customer</u>
<ul> <li>a Check if the internal option is available in the print driver.</li> <li>Note: If necessary, manually add the internal option in the print driver to make it available for print jobs. For more information, see "Adding available options in the print driver" on page 317.</li> <li>b Resend the print job.</li> <li>Does the internal option operate correctly?</li> </ul>	solved.	<u>support</u> .

### **Defective flash detected**

Try one or more of the following:

- Replace the defective flash memory.
- From the printer control panel, select **Continue** to ignore the message and continue printing.

• Cancel the current print job.

#### Not enough free space in flash memory for resources

Try one or more of the following:

- From the printer control panel, select Continue to clear the message and continue printing.
- Delete fonts, macros, and other data stored in the flash memory.
- Install flash memory with larger capacity.

Note: Downloaded fonts and macros that are not previously stored in the flash memory are deleted.

#### Unformatted flash detected

Try one or more of the following:

- From the control panel, select Continue to stop the defragmentation and continue printing.
- Format the flash memory.

**Note:** If the error message remains, then the flash memory may be defective and needs to be replaced.

## Issues with supplies

## Non-Lexmark supply

The printer has detected a non-Lexmark supply or part installed in the printer.

Your Lexmark printer is designed to function best with genuine Lexmark supplies and parts. Use of third-party supplies or parts may affect the performance, reliability, or life of the printer and its imaging components.

All life indicators are designed to function with Lexmark supplies and parts and may deliver unpredictable results if third-party supplies or parts are used. Imaging component usage beyond the intended life may damage your Lexmark printer or associated components.

**Warning—Potential Damage:** Use of third-party supplies or parts can affect warranty coverage. Damage caused by the use of third-party supplies or parts may not be covered by the warranty.

To accept any and all of these risks and to proceed with the use of non-genuine supplies or parts in your printer, from the control panel, press and hold **X** and **#** simultaneously for 15 seconds.

If you do not want to accept these risks, then remove the third-party supply or part from your printer and install a genuine Lexmark supply or part. For more information, see "Using genuine Lexmark parts and supplies" on page 173.

If the printer does not print after pressing and holding  $\mathbf{X}$  and  $\mathbf{\#}$  simultaneously for 15 seconds, then reset the supply usage counter.

**1** From the control panel, navigate to:

Settings > Device > Maintenance > Configuration Menu > Supply Usage And Counters

2 Select the part or supply that you want to reset, and then select Start.

- **3** Read the warning message, and then select **Continue**.
- **4** Press and hold **X** and **#** simultaneously for 15 seconds to clear the message.

**Note:** If you are unable to reset the supply usage counters, then return the item to the place of purchase.

### Scanner maintenance required, use ADF Kit

The printer is scheduled for maintenance. For more information, go to <a href="http://support.lexmark.com">http://support.lexmark.com</a> or contact your service representative, and then report the message.

# Paper feed problems

## **Envelope seals when printing**

Action	Yes	No
Step 1	Go to step 2.	The problem is
<b>a</b> Use an envelope that has been stored in a dry environment.		solved.
<b>Note:</b> Printing on envelopes with high moisture content can seal the flaps.		
<b>b</b> Send the print job.		
Does the envelope seal when printing?		
Step 2	Contact <u>customer</u>	The problem is
a Make sure that paper type is set to Envelope.	support.	solved.
From the control panel, navigate to:		
Settings > Paper > Tray Configuration > Paper Size/Type		
<b>b</b> Send the print job.		
Does the envelope seal when printing?		

## Collated printing does not work

Action	Yes	No
Step 1 a From the control panel, navigate to: Settings > Print > Layout > Collate b Touch On [1,2,1,2,1,2]. c Print the document.	The problem is solved.	Go to step 2.
Is the document collated correctly?		

Action	Yes	No
<ul> <li>Step 2</li> <li>a From the document that you are trying to print, open the Print dialog, and then select Collate.</li> <li>b Print the document.</li> </ul>	The problem is solved.	Go to step 3.
Is the document collated correctly?		
Step 3 a Reduce the number of pages to print. b Print the document.	The problem is solved.	Contact <u>customer</u> <u>support</u> .
Are the pages collated correctly?		

## Tray linking does not work

Action	Yes	No
Step 1  a Check if the trays contain the same paper size and paper type.  b Check if the paper guides are positioned correctly.  c Print the document.	The problem is solved.	Go to step 2.
Do the trays link correctly?		
Step 2	The problem is	Go to step 3.
<ul><li>a From the control panel, touch Settings &gt; Paper &gt; Tray</li><li>Configuration &gt; Paper Size/Type</li></ul>	solved.	
<b>b</b> Set the paper size and paper type to match the paper loaded in the linked trays.		
<b>c</b> Print the document.		
Do the trays link correctly?		
Step 3	The problem is	Contact <u>customer</u> <u>support</u> .
<b>a</b> Make sure that Tray Linking is set to Automatic. For more information, see <u>"Linking trays" on page 40</u> .	solved.	
<b>b</b> Print the document.		
Do the trays link correctly?		

## **Check tray connection**

Try one or more of the following:

- Turn off the printer, wait for about 10 seconds, and then turn it back on. If the error occurs a second time, then:
  - **1** Turn off the printer.
  - **2** Unplug the power cord from the electrical outlet.

- **3** Remove the indicated tray.
- 4 Insert the tray.
- **5** Connect the power cord to the electrical outlet.



CAUTION—POTENTIAL INJURY: To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

**6** Turn on the printer.

If the error occurs again, then:

- **1** Turn off the printer.
- **2** Unplug the power cord from the electrical outlet.
- **3** Remove the indicated tray.
- **4** Contact customer support.
- From the control panel, select **Continue** to clear the message and resume printing.

#### Paper frequently jams

Action	Yes	No
Step 1 a Remove the tray. b Check if paper is loaded correctly.	Go to step 2.	The problem is solved.
<ul> <li>Notes:</li> <li>Make sure that the paper guides are positioned correctly.</li> <li>Make sure that the stack height is below the maximum paper fill indicator.</li> <li>Make sure to print on recommended paper size and type.</li> <li>c Insert the tray.</li> <li>d Print the document.</li> </ul>		
Do paper jams occur frequently?		
Step 2 a From the control panel, navigate to:     Settings > Paper > Tray Configuration > Paper Size/Type b Set the correct paper size and type. c Print the document.  Do paper jams occur frequently?	Go to step 3.	The problem is solved.

Yes	No
	The problem is solved.
	· · · · · · · · · · · · · · · · · · ·

# Jammed pages are not reprinted

Action	Yes	No
a From the control panel, navigate to:	The problem is	Contact <u>customer</u>
Settings > Device > Notifications > Jam Content Recovery	solved.	support.
<b>b</b> In the Jam Recovery menu, select <b>On</b> or <b>Auto</b> .		
c Print the document.		
Are the jammed pages reprinted?		

# **Printing problems**

## Confidential and other held documents do not print

Action	Yes	No
Step 1  a From the control panel, check if the documents appear in the Held Jobs list.  Note: If the documents are not listed, then print the	The problem is solved.	Go to step 2.
documents using the Print and Hold options. <b>b</b> Print the documents.  Are the documents printed?		
<ul> <li>Step 2</li> <li>The print job may contain a formatting error or invalid data.</li> <li>Delete the print job, and then send it again.</li> <li>For PDF files, generate a new file, and then print the documents.</li> </ul>	The problem is solved.	Go to step 3.
Are the documents printed?		

Action	Yes	No
Step 3 If you are printing from the Internet, then the printer may be reading the multiple job titles as duplicates.	The problem is solved.	Go to step 4.
<ul> <li>For Windows users</li> <li>a Open the Printing Preferences dialog.</li> <li>b From the Print and Hold section, select Keep duplicate documents.</li> <li>c Enter a PIN.</li> <li>d Resend the print job.</li> </ul>		
<ul><li>For Macintosh users</li><li>a Save and name each job differently.</li><li>b Send the job individually.</li></ul> Are the documents printed?		
Step 4  a Delete some held jobs to free up printer memory.  b Resend the print job.  Are the documents printed?	The problem is solved.	Go to step 5.
Step 5 a Add printer memory. b Resend the print job.  Are the documents printed?	The problem is solved.	Contact <u>customer</u> <u>support</u> .

# **Slow printing**

Action	Yes	No
Step 1  Make sure that the printer cable is securely connected to the printer and to the computer, print server, option, or other network	Go to step 2.	The problem is solved.
ls the printer printing slow?		
Step 2	Go to step 3.	The problem is
<b>a</b> Make sure that the printer is not in Quiet Mode.		solved.
From the home screen, touch <b>Settings &gt; Device &gt; Maintenance</b> > <b>Configuration Menu &gt; Device Operations &gt; Quiet Mode</b> .		
<b>b</b> Print the document.		
Is the printer printing slow?		

Action	Yes	No
<ul> <li>Step 3</li> <li>a Depending on your operating system, specify the print resolution from the Printing Preferences or Print dialog.</li> <li>b Set the resolution to 2400 Image Q.</li> <li>c Print the document.</li> </ul>	Go to step 4.	The problem is solved.
Is the printer printing slow?		
<ul> <li>Step 4</li> <li>a Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.</li> </ul>	Go to step 5.	The problem is solved.
Notes:		
<ul> <li>Make sure that the setting matches the paper loaded.</li> <li>You can also change the setting on the printer control panel. From the home screen, touch Settings &gt; Paper &gt; Tray Configuration &gt; Paper Size/Type.</li> <li>Heavier paper prints more slowly.</li> <li>Paper narrower than letter, A4, and legal may print more slowly.</li> <li>b Print the document.</li> </ul>		
Is the printer printing slow?		
<ul> <li>Step 5</li> <li>a Make sure that the printer settings for texture and weight match the paper being loaded.</li> <li>From the home screen, touch Settings &gt; Paper &gt; Media Configuration &gt; Media Types.</li> <li>Note: Rough paper texture and heavy paper weight may print more slowly.</li> <li>b Print the document.</li> </ul>		The problem is solved.
Is the printer printing slow?		
Step 6	Go to step 7.	The problem is
Remove held jobs.		solved.
Is the printer printing slow?		

Action	Yes	No
Step 7  a Make sure that the printer is not overheating.  Notes:	Contact <u>customer</u> <u>support</u> .	The problem is solved.
<ul> <li>Allow the printer to cool down after a long print job.</li> <li>Observe the recommended ambient temperature for the printer. For more information, see <u>"Selecting a location for the printer" on page 16</u>.</li> <li><b>b</b> Print the document.</li> </ul>		
Is the printer printing slow?		

# Print jobs do not print

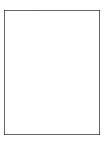
Action	Yes	No
<ul> <li>Step 1</li> <li>a From the document you are trying to print, open the Print dialog, and then check if you have selected the correct printer.</li> <li>b Print the document.</li> <li>Is the document printed?</li> </ul>	The problem is solved.	Go to step 2.
Step 2 a Check if the printer is on. b Resolve any error messages that appear on the display. c Print the document.  Is the document printed?	The problem is solved.	Go to step 3.
Step 3  a Check if the ports are working and if the cables are securely connected to the computer and the printer.  For more information, see the setup documentation that came with the printer.  b Print the document.  Is the document printed?	The problem is solved.	Go to step 4.
<ul> <li>Step 4</li> <li>a Turn off the printer, wait for about 10 seconds, and then turn on the printer.</li> <li>b Print the document.</li> </ul>	The problem is solved.	Go to step 5.

Action	Yes	No
Step 5 a Remove, and then reinstall the print driver. b Print the document.	The problem is solved.	Contact <u>customer</u> <u>support</u> .
Is the document printed?		

## Print quality is poor

Blank or white pages

#### Blank or white pages



Note: Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to

**Settings** > **Troubleshooting** > **Print Quality Test Pages**. For non-touch-screen printer models, press to navigate through the settings.

Action	Yes	No
a Remove, and then insert the imaging kit.	Contact <u>customer</u>	The problem is
Warning—Potential Damage: Do not expose the imaging kit to direct light. Extended exposure to light may cause print quality problems.	support.	solved.
Warning—Potential Damage: Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.		
<b>b</b> Print the document.		
Is the printer printing blank or white pages?		

#### **Dark print**



**Note:** Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to

Action	Yes	No
Step 1  a Perform Color Adjust. From the control panel, navigate to: Settings > Print > Quality > Advanced Imaging > Color Adjust b Print the document.	Go to step 2.	The problem is solved.
Is the print too dark?  Step 2  a Depending on your operating system, reduce toner darkness from the Printing Preferences or Print dialog.  Note: You can also change the setting on the printer control panel. Navigate to:  Settings > Print > Quality > Toner Darkness  b Print the document.  Is the print too dark?	Go to step 3.	The problem is solved.
Step 3  a Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.  Notes:  • Make sure that the setting matches the paper loaded.  • You can also change the setting on the printer control panel. Navigate to:  Settings > Paper > Tray Configuration > Paper Size/Type  b Print the document.  Is the print too dark?	Go to step 4.	The problem is solved.
Step 4 Check if the paper has texture or rough finishes. Are you printing on textured or rough paper?	Go to step 5.	Go to step 6.
Step 5 a Replace textured or rough paper with plain paper. b Print the document.  Is the print too dark?	Go to step 6.	The problem is solved.

Action	Yes	No
Step 6 a Load paper from a fresh package.	Contact <u>customer</u> <u>support</u> .	The problem is solved.
<b>Note:</b> Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you are ready to use it.		
<b>b</b> Print the document.		
Is the print too dark?		

### **Ghost images**



Note: Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to

Action	Yes	No
Step 1	Go to step 2.	The problem is
<b>a</b> Load the tray with the correct paper type.		solved.
<b>b</b> Print the document.		
Do ghost images appear on prints?		
Step 2	Go to step 3.	The problem is
<b>a</b> Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.		solved.
Notes:		
Make sure that the setting matches the paper loaded.		
<ul> <li>You can also change the setting on the printer control panel. Navigate to:</li> </ul>		
Settings > Paper > Tray Configuration > Paper Size/Type		
<b>b</b> Print the document.		
Do ghost images appear on prints?		

Action		Yes	No
Step 3		Go to step 4.	The problem is
a Perform Color Adjust.			solved.
From the control panel, navigate to:			
Settings > Print > Quality > Advanced Im	aging > Color Adjust		
<b>b</b> Print the document.			
Do ghost images appear on prints?			
Step 4		Contact <u>customer</u>	The problem is
a Remove, and then insert the imaging kit.		support.	solved.
Warning—Potential Damage: Do not exp to direct light. Extended exposure to ligh quality problems.			
Warning—Potential Damage: Do not tou photoconductor drum under the imaging affect the quality of future print jobs.			
<b>b</b> Print the document.			
Do ghost images appear on prints?			

#### Gray or colored background



Note: Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to

Action	Yes	No
Step 1 a Perform Color Adjust.	Go to step 2.	The problem is solved.
From the control panel, navigate to:		
Settings > Print > Quality > Advanced Imaging > Color Adjust		
<b>b</b> Print the document.		
Does gray or colored background appear on prints?		

Action	Yes	No
Step 2  a Remove, and then insert the imaging kit.	Contact <u>customer</u> <u>support</u> .	The problem is solved.
<b>Warning—Potential Damage:</b> Do not expose the imaging kit to direct light. Extended exposure to light may cause print quality problems.		
<b>Warning—Potential Damage:</b> Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.		
<b>b</b> Print the document.		
Does gray or colored background appear on prints?		

### **Incorrect margins**



Action	Yes	No
Step 1  a Adjust the paper guides to the correct position for the paper loaded.  b Print the document.	The problem is solved.	Go to step 2.
Are the margins correct?		
Step 2 a Set the paper size from the control panel. Navigate to: Settings > Paper > Tray Configuration > Paper Size/Type b Print the document.	The problem is solved.	Go to step 3.
Are the margins correct?		
Step 3  a Depending on your operating system, specify the paper size from the Printing Preferences or Print dialog.  Note: Make sure that the setting matches the paper loaded.  b Print the document.	The problem is solved.	Contact <u>customer</u> <u>support</u> .
Are the margins correct?		

### **Light print**



Note: Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to

Action	Yes	No
Step 1	Go to step 2.	The problem is
a Perform Color Adjust.		solved.
From the control panel, navigate to:		
Settings > Print > Quality > Advanced Imaging > Color Adjust		
<b>b</b> Print the document.		
Is the print light?		
Step 2	Go to step 3.	The problem is
<b>a</b> Depending on your operating system, increase toner darkness from the Printing Preferences or Print dialog.		solved.
<b>Note:</b> You can also change the setting on the printer control panel. Navigate to:		
Settings > Print > Quality > Toner Darkness		
<b>b</b> Print the document.		
Is the print light?		
Step 3	Go to step 4.	The problem is
a Turn off Color Saver.		solved.
From the control panel, navigate to:		
Settings > Print > Quality > Color Saver		
<b>b</b> Print the document.		
Is the print light?		

Action	Yes	No
Step 4	Go to step 5.	The problem is
<b>a</b> Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.		solved.
Notes:		
<ul> <li>Make sure that the setting matches the paper loaded.</li> <li>You can also change the setting on the printer control panel. Navigate to:</li> </ul>		
Settings > Paper > Tray Configuration > Paper Size/Type		
<b>b</b> Print the document.		
Is the print light?		
Step 5	Go to step 6.	Go to step 7.
Check if paper has texture or rough finishes.		
Are you printing on textured or rough paper?		
Step 6	Go to step 7.	The problem is
a Replace textured or rough paper with plain paper.		solved.
<b>b</b> Print the document.		
Is the print light?		
Step 7	Go to step 8.	The problem is
<b>a</b> Load paper from a fresh package.	Go to step 8.	solved.
<b>Note:</b> Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you are ready to use it.		
<b>b</b> Print the document.		
Is the print light?		
Step 8	Contact <u>customer</u>	The problem is
a Remove, and then insert the imaging kit.	support.	solved.
<b>Warning—Potential Damage:</b> Do not expose the imaging kit to direct light. Extended exposure to light may cause print quality problems.		
Warning—Potential Damage: Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.		
<b>b</b> Print the document.		
Is the print light?		

#### Missing colors



Note: Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to

**Settings** > **Troubleshooting** > **Print Quality Test Pages**. For non-touch-screen printer models, press to navigate through the settings.

Ad	tion	Yes	No
1 -	Remove the toner cartridge of the missing color. Remove the imaging kit.	Contact <u>customer</u> <u>support</u> .	The problem is solved.
	<b>Warning—Potential Damage:</b> Do not expose the imaging kit to direct light. Extended exposure to light may cause print quality problems.		
	<b>Warning—Potential Damage:</b> Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.		
С	Remove, and then insert the developer unit of the missing color. $ \\$		
d	Insert the imaging kit.		
е	Insert the toner cartridge.		
f	Print the document.		
Ar	e some colors missing on prints?		

#### Mottled print and dots



Note: Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to

Action	Yes	No
Step 1	Go to step 2.	Contact <u>customer</u>
Check the printer for leaked toner contamination.		support.
le the printer free of leeked to nov?		
Is the printer free of leaked toner?		
Step 2	Go to step 4.	Go to step 3.
a From the control panel, navigate to:		
Settings > Paper > Tray Configuration > Paper Size/Type		
<b>b</b> Check if the paper size and paper type settings match the paper loaded.		
<b>Note:</b> Make sure that paper does not have texture or rough finishes.		
Do the settings match?		
Step 3	Go to step 4.	The problem is
<b>a</b> Depending on your operating system, specify the paper size and paper type from the Printing Preferences or Print dialog.		solved.
<b>Note:</b> Make sure that the settings match the paper loaded.		
<b>b</b> Print the document.		
Is the print mottled?		
Step 4	Go to step 5.	The problem is
a Load paper from a fresh package.		solved.
Note: Paper absorbs moisture due to high humidity. Store		
paper in its original wrapper until you are ready to use it.		
<b>b</b> Print the document.		
Is the print mottled?		
Step 5	Contact <u>customer</u>	The problem is
a Remove, and then insert the imaging kit.	support.	solved.
<b>Warning—Potential Damage:</b> Do not expose the imaging kit to direct light. Extended exposure to light may cause print quality problems.		
Warning—Potential Damage: Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.		
<b>b</b> Print the document.		
Is the print mottled?		

### Paper curl



Action	Yes	No
<ul> <li>Step 1</li> <li>a Adjust the guides in the tray to the correct position for the paper loaded.</li> <li>b Print the document.</li> <li>Is the paper curled?</li> </ul>	Go to step 2.	The problem is solved.
Step 2	Go to step 3.	The problem is
Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.	Go to step 3.	solved.
Notes:		
Make sure that the setting matches the paper loaded.		
<ul> <li>You can also change the setting on the printer control panel. Navigate to:</li> </ul>		
Settings > Paper > Tray Configuration > Paper Size/Type		
<b>b</b> Print the document.		
Is the paper curled?		
Step 3	Go to step 4.	The problem is
Print on the other side of the paper.		solved.
a Remove paper, flip it over, and then reload paper.		
<b>b</b> Print the document.		
Is the paper curled?		
Step 4	Contact <u>customer</u>	The problem is
a Load paper from a fresh package.	support.	solved.
<b>Note:</b> Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you are ready to use it.		
<b>b</b> Print the document.		
Is the paper curled?		

#### Print crooked or skewed

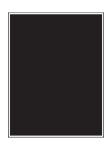


Note: Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to

**Settings** > **Troubleshooting** > **Print Quality Test Pages**. For non-touch-screen printer models, press to navigate through the settings.

Action	Yes	No
<ul> <li>Step 1</li> <li>a Adjust the paper guides in the tray to the correct position for the paper loaded.</li> <li>b Print the document.</li> </ul>	Go to step 2.	The problem is solved.
Is the print crooked or skewed?		
<ul> <li>Step 2</li> <li>a Load paper from a fresh package.</li> <li>Note: Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you are ready to use it.</li> <li>b Print the document.</li> </ul>	Go to step 3.	The problem is solved.
Step 3 a Check if the paper loaded is supported. Note: If paper is not supported, then load a supported paper. b Print the document. Is the print crooked or skewed?	Contact <u>customer</u> <u>support</u> .	The problem is solved.

### Solid color or black images



Note: Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to

**Settings** > **Troubleshooting** > **Print Quality Test Pages**. For non-touch-screen printer models, press to navigate through the settings.

Action	Yes	No
<ul> <li>Remove, and then reinstall the imaging kit.</li> <li>Warning—Potential Damage: Do not expose the imaging kit to direct light. Extended exposure to light may cause print quality problems.</li> </ul>	Contact <u>customer</u> <u>support</u> .	The problem is solved.
<ul> <li>Warning—Potential Damage: Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.</li> <li>b Print the document.</li> </ul>		
Is the printer printing solid color or black images?		

#### Text or images cut off



Note: Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to

Action	Yes	No
<ul> <li>Step 1</li> <li>a Adjust the paper guides in the tray to the correct position for the paper loaded.</li> <li>b Print the document.</li> </ul>	Go to step 2.	The problem is solved.
Are text or images cut off?		

Action	Yes	No
Step 2  a Depending on your operating system, specify the paper size from the Printing Preferences or Print dialog.	Go to step 3.	The problem is solved.
Notes:		
<ul> <li>Make sure that the setting matches the paper loaded.</li> <li>You can also change the setting on the printer control panel. Navigate to:</li> <li>Settings &gt; Paper &gt; Tray Configuration &gt; Paper Size/Type</li> <li>Print the document.</li> </ul>		
Are text or images cut off?		
Step 3  a Remove, and then insert the imaging kit.  Warning Petertial Personal Depart expects the imaging kit.	Contact <u>customer</u> <u>support</u> .	The problem is solved.
Warning—Potential Damage: Do not expose the imaging kit to direct light. Extended exposure to light may cause print quality problems.		
Warning—Potential Damage: Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.		
<b>b</b> Print the document.		
Are text or images cut off?		

### Toner easily rubs off



Note: Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to

Action	Yes	No
Step 1  a Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.	Go to step 2.	The problem is solved.
<ul> <li>Notes:</li> <li>Make sure that the setting matches the paper loaded.</li> <li>You can also change the setting on the printer control panel. Navigate to:</li> <li>Settings &gt; Paper &gt; Tray Configuration &gt; Paper Size/Type</li> <li>Print the document.</li> </ul> Does toner easily rub off?		
Step 2  a Check if the paper weight is supported.  Note: If paper weight is not supported, then load a supported one.  b Print the document.  Does toner easily rub off?	Go to step 3.	The problem is solved.
Step 3  a Load paper from a fresh package.  Note: Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you are ready to use it.  b Print the document.  Does toner easily rub off?	Contact <u>customer</u> <u>support</u> .	The problem is solved.

Uneven print density

### **Uneven print density**



Note: Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to

**Settings** > **Troubleshooting** > **Print Quality Test Pages**. For non-touch-screen printer models, press to navigate through the settings.

Action	Yes	No
<ul> <li>a Remove, and then insert the imaging kit.</li> <li>Warning—Potential Damage: Do not expose the imaging kit to direct light. Extended exposure to light may cause print quality problems.</li> </ul>	Contact <u>customer</u> <u>support</u> .	The problem is solved.
<ul> <li>Warning—Potential Damage: Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.</li> <li>b Print the document.</li> </ul>		
Is the print density uneven?		

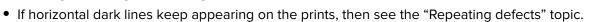
### Horizontal dark lines



#### Notes:

 $\bullet\,$  Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to





Action		Yes	No
Step 1  a Depending on your operati from the Printing Preference	ng system, specify the paper type es or Print dialog.	Go to step 2.	The problem is solved.
Notes:			
Make sure that the sett	ing matches the paper loaded.		
<ul> <li>You can also change the panel. Navigate to:</li> </ul>	e setting on the printer control		
Settings > Paper > Tray Co	nfiguration > Paper Size/Type		
<b>b</b> Print the document.			
Do dark lines appear on prints	?		

Action	Yes	No
Step 2	Go to step 3.	The problem is
a Load paper from a fresh package.		solved.
<b>Note:</b> Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you use it.		
<b>b</b> Print the document.		
Do dark lines appear on prints?		
Step 3	Contact <u>customer</u>	The problem is
a Remove, and then insert the imaging kit.	support.	solved.
Warning—Potential Damage: Do not expose the imaging ki to direct light. Extended exposure to light may cause print quality problems.	:	
Warning—Potential Damage: Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.		
<b>b</b> Print the document.		
Do dark lines appear on prints?		

### Horizontal white lines



### **Notes:**

• Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to



• If horizontal white lines keep appearing on your prints, then see the "Repeating defects" topic.



Action	Yes	No
Step 1  a Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.	Go to step 2.	The problem is solved.
Notes:		
<ul> <li>Make sure that the setting matches the paper loaded.</li> <li>You can also change the setting on the printer control panel. Navigate to:</li> <li>Settings &gt; Paper &gt; Tray Configuration &gt; Paper Size/Type</li> </ul>		
<b>b</b> Print the document.		
Do horizontal white lines appear on prints?		
Step 2	Contact <u>customer</u>	The problem is
a Remove, and then insert the imaging kit.	support.	solved.
Warning—Potential Damage: Do not expose the imaging kit to direct light. Extended exposure to light can cause print quality problems.		
Warning—Potential Damage: Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.		
<b>b</b> Print the document.		
Do horizontal white lines appear on prints?		

### **Vertical white lines**



Note: Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to

Settings > Troubleshooting > Print Quality Test Pages. For non-touch-screen printer models, press of to navigate through the settings.

Action	Yes	No
<ul> <li>Step 1</li> <li>a Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.</li> <li>Notes: <ul> <li>Make sure that the setting matches the paper loaded.</li> <li>You can also change the setting on the printer control panel. Navigate to:</li> <li>Settings &gt; Paper &gt; Tray Configuration &gt; Paper Size/Type</li> <li>b Print the document.</li> </ul> </li> <li>Do vertical white lines appear on prints?</li> </ul>	Go to step 2.	The problem is solved.
Step 2 Check if you are using the recommended paper type.  a Load the paper source with the recommended paper type.  b Print the document.  Do vertical white lines appear on prints?	Go to step 3.	The problem is solved.
Step 3  a Remove, and then insert the imaging kit.  Warning—Potential Damage: Do not expose the imaging kit to direct light. Extended exposure to light may cause print quality problems.  Warning—Potential Damage: Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.  b Print the document.  Do vertical white lines appear on prints?	Contact <u>customer</u> <u>support</u> .	The problem is solved.

## **Repeating defects**



Note: Before solving the problem, print the Print Quality Test Pages. From the control panel, navigate to

Settings > Troubleshooting > Print Quality Test Pages. For non-touch-screen printer models, press to navigate through the settings.

A	ction	Yes	No
	Using the Print Quality Test Pages, measure the distance between the repeating defects on the affected color page.	Take note of the distance, and then	Take note of the distance, and then
b	Check if the repeating defects match any of the following measurements:	contact <u>customer</u> <u>support</u> .	contact <u>customer</u> <u>support</u> .
	Imaging kit		
	• 94.20 mm (3.71 in.)		
	• 29.80 mm (1.17 in.)		
	• 23.20 mm (0.91 in.)		
	Developer unit		
	• 43.90 mm (1.73 in.)		
	• 45.50 mm (1.79 in.)		
Transfer module			
	• 37.70 mm (1.48 in.)		
	• 78.50 mm (3.09 in.)		
	• 55 mm (2.17 in.)		
	Fuser		
	• 79.80 mm (3.14 in.)		
	• 94.30 mm (3.71 in.)		
D	o the repeating defects match any of the measurements?		

## The printer is not responding

Action	Yes	No
Step 1	The problem is	Go to step 2.
Check if the power cord is connected to the electrical outlet.	solved.	
CAUTION—POTENTIAL INJURY: To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.		
Is the printer responding?		
Step 2 Check if the electrical outlet is turned off by a switch or breaker.	Turn on the switch or reset the breaker.	Go to step 3.
Is the electrical outlet turned off by a switch or breaker?		
Step 3	Go to step 4.	Turn on the printer.
Check if the printer is on.		
Is the printer on?		J

Action	Yes	No
Step 4 Check if the printer is in Sleep or Hibernate mode.	Press the power button to wake the printer.	Go to step 5.
Is the printer in Sleep or Hibernate mode?		
Step 5 Check if the cables connecting the printer and the computer are inserted to the correct ports.	Go to step 6.	Insert the cables to the correct ports.
Are the cables inserted to the correct ports?		
Step 6  Turn off the printer, install the hardware options, and then turn on the printer.  For more information, see the documentation that came with the option.	The problem is solved.	Go to step 7.
Is the printer responding?		
Step 7 Install the correct print driver.	The problem is solved.	Go to step 8.
Is the printer responding?		
Step 8 Turn off the printer, wait for about 10 seconds, and then turn on the printer.	The problem is solved.	Contact <u>customer</u> <u>support</u> .
Is the printer responding?		

## Job prints from the wrong tray or on the wrong paper

Action	Yes	No
<ul><li>Step 1</li><li>a Check if you are printing on the correct paper.</li><li>b Print the document.</li></ul>	Go to step 2.	Load the correct paper size and paper type.
Is the document printed on the correct paper?		

Action	Yes	No
Step 2  a Depending on your operating system, specify the paper size	The problem is solved.	Go to step 3.
and paper type from the Printing Preferences or Print dialog.		
<b>Note:</b> You can also change the settings on the printer control panel. Navigate to:		
Settings > Paper > Tray Configuration > Paper Size/Type		
<b>b</b> Make sure that the settings match the paper loaded.		
<b>c</b> Print the document.		
Is the document printed on the correct paper?		
Step 3	The problem is	Contact <u>customer</u>
a Check if the trays are linked.	solved.	support.
For more information, see <u>"Linking trays" on page 40</u> .		
<b>b</b> Print the document.		
Is the document printed from the correct tray?		

## **Color quality problems**

## **Adjusting toner darkness**

- 1 From the home screen, touch **Settings** > **Print** > **Quality**.
- **2** Adjust the toner darkness.
- **3** Apply the changes.

## Modifying the colors in printed output

- 1 From the home screen, touch Settings > Print > Quality > Advanced Imaging > Color Correction.
- 2 In the Color Correction menu, touch Manual > Color Correction Content.
- **3** Choose the appropriate color conversion setting.

Object type	Color conversion tables
RGB Image RGB Text	Vivid—Produces brighter, more saturated colors and may be applied to all incoming color formats.
RGB Graphics	<ul> <li>sRGB Display—Produces an output that approximates the colors shown on a computer monitor. Black toner usage is optimized for printing photographs.</li> </ul>
	Display-True Black—Produces an output that approximates the colors shown on a computer monitor. This setting uses only black toner to create all levels of neutral gray.
	<ul> <li>sRGB Vivid—Provides an increased color saturation for the sRGB Display color correction. Black toner usage is optimized for printing business graphics.</li> </ul>
	• Off
CMYK Image CMYK Text	US CMYK—Applies color correction to approximate the Specifications for Web Offset Publishing (SWOP) color output.
CMYK Graphics	Euro CMYK—Applies color correction to approximate Euroscale color output.
	Vivid CMYK—Increases the color saturation of the US CMYK color correction setting.
	• Off

### FAQ about color printing

#### What is RGB color?

RGB color is a method of describing colors by indicating the amount of red, green, or blue used to produce a certain color. Red, green, and blue light can be added in various amounts to produce a large range of colors observed in nature. Computer screens, scanners, and digital cameras use this method to display colors.

#### What is CMYK color?

CMYK color is a method of describing colors by indicating the amount of cyan, magenta, yellow, and black used to reproduce a particular color. Cyan, magenta, yellow, and black inks or toners can be printed in various amounts to produce a large range of colors observed in nature. Printing presses, inkjet printers, and color laser printers create colors in this manner.

#### How is color specified in a document to be printed?

Software programs are used to specify and modify the document color using RGB or CMYK color combinations. For more information, see the software program Help topics.

### How does the printer know what color to print?

When printing a document, information describing the type and color of each object is sent to the printer and is passed through color conversion tables. Color is translated into the appropriate amounts of cyan, magenta, yellow, and black toner used to produce the color you want. The object information determines the application of color conversion tables. For example, it is possible to apply one type of color conversion table to text while applying a different color conversion table to photographic images.

#### What is manual color correction?

When manual color correction is enabled, the printer employs user-selected color conversion tables to process objects. Manual color correction settings are specific to the type of object being printed (text, graphics, or images). It is also specific to how the color of the object is specified in the software program (RGB or CMYK combinations). To apply a different color conversion table manually, see "Modifying the colors in printed output" on page 260.

If the software program does not specify colors with RGB or CMYK combinations, then manual color correction is not useful. It is also not effective if the software program or the computer operating system controls the adjustment of colors. In most situations, setting the Color Correction to Auto generates preferred colors for the documents.

#### How can I match a particular color (such as a corporate logo)?

From the printer Quality menu, nine types of Color Samples sets are available. These sets are also available from the Color Samples page of the Embedded Web Server. Selecting any sample set generates multiple-page prints consisting of hundreds of colored boxes. Each box contains a CMYK or RGB combination, depending on the table selected. The observed color of each box is obtained by passing the CMYK or RGB combination labeled on the box through the selected color conversion table.

By examining Color Samples sets, you can identify the box with color closest to the color being matched. The color combination labeled on the box can then be used for modifying the color of the object in a software program. For more information, see the software program Help topics. Manual color correction may be necessary to use the selected color conversion table for the particular object.

Selecting which Color Samples set to use for a particular color-matching problem depends on:

- The Color Correction setting being used (Auto, Off, or Manual)
- The type of object being printed (text, graphics, or images)
- How the color of the object is specified in the software program (RGB or CMYK combinations)

If the software program does not specify colors with RGB or CMYK combinations, then the Color Samples pages are not useful. Additionally, some software programs adjust the RGB or CMYK combinations specified in the program through color management. In these situations, the printed color may not be an exact match of the Color Samples pages.

## The print appears tinted

Action	Yes	No
Step 1 Perform Color Adjust.	Go to step 2.	The problem is solved.
a From the home screen, touch Settings > Print > Quality > Advanced Imaging > Color Adjust.		
<b>b</b> Print the document.		
Does the print appear tinted?		

Action	Yes	No
Step 2 Perform Color Balance.	Contact <u>customer</u> <u>support</u> .	The problem is solved.
<ul><li>a From the home screen, touch Settings &gt; Print &gt; Quality &gt; Advanced Imaging &gt; Color Balance.</li></ul>		
<b>b</b> Adjust the settings.		
c Print the document.		
Does the print appear tinted?		

# **Faxing problems**

## Cannot send or receive faxes

Action	Yes	No
Step 1 Resolve any error messages that appear on the display.	The problem is solved.	Go to step 2.
Can you send or receive a fax?		
Step 2  Make sure that the cable connections for the following equipment are secure:  • Telephone  • Handset  • Answering machine	The problem is solved.	Go to step 3.
Can you send or receive a fax?		
<ul> <li>Step 3</li> <li>Check for a dial tone.</li> <li>Call the fax number to check if it is working properly.</li> <li>If you are using the On Hook Dial feature, then turn up the volume to check if you hear a dial tone.</li> </ul>	Go to step 5.	Go to step 4.
Can you hear a dial tone?		

Action	Yes	No
<ul> <li>Step 4</li> <li>Check the telephone wall jack.</li> <li>a Connect the analog telephone directly to the wall jack.</li> <li>b Listen for a dial tone.</li> <li>c If you do not hear a dial tone, then use a different telephone cable.</li> <li>d If you still do not hear a dial tone, then connect the analog telephone to a different wall jack.</li> <li>e If you hear a dial tone, then connect the printer to that wall jack.</li> <li>Can you send or receive a fax?</li> </ul>	The problem is solved.	Go to step 5.
<ul> <li>Step 5</li> <li>Check if the printer is connected to an analog phone service or to the correct digital connector.</li> <li>If you are using an Integrated Services for Digital Network (ISDN) telephone service, then connect to an analog telephone port of an ISDN terminal adapter. For more information, contact your ISDN provider.</li> <li>If you are using DSL, then connect to a DSL filter or router that supports analog use. For more information, contact your DSL provider.</li> <li>If you are using a private branch exchange (PBX) telephone service, then make sure that you are connecting to an analog connection on the PBX. If none exists, then consider installing an analog telephone line for the fax machine.</li> <li>Can you send or receive a fax?</li> </ul>	The problem is solved.	Go to step 6.
Step 6 Temporarily disconnect other equipment and disable other telephone services.  a Disconnect other equipment (such as answering machines, computers, modems, or telephone line splitters) between the printer and the telephone line.  b Disable call waiting and voice mail. For more information, contact your telephone company.  Can you send or receive a fax?	The problem is solved.	Go to step 7.
Step 7 Scan the original document one page at a time.  a Dial the fax number.  b Scan the document.  Can you send or receive a fax?	The problem is solved.	Contact <u>customer</u> <u>support</u> .

## Can receive but not send faxes

Action	Yes	No
Step 1 Load the original document properly into the ADF tray or on the scanner glass.	The problem is solved.	Go to step 2.
Can you send faxes?		
Step 2	The problem is	Contact <u>customer</u>
Set up the shortcut number properly.	solved.	support.
Check if the shortcut number is set for the telephone number that you want to dial.		
Dial the telephone number manually.		
Can you send faxes?		

## Can send but not receive faxes

Action	Yes	No
Step 1 Make sure that the paper source is not empty.	The problem is solved.	Go to step 2.
Can you receive faxes?		
Step 2 Check the ring count delay settings. From the control panel, touch Settings > Fax > Fax Setup > Fax Receive Settings > Rings to Answer.  Can you receive faxes?	The problem is solved.	Go to step 3.
Step 3  If the printer is printing blank pages, then see "Blank or white pages" on page 240.  Can you receive faxes?	The problem is solved.	Contact <u>customer</u> <u>support</u> .

## Poor fax print quality

Action	Yes	No
Step 1	The problem is	Go to step 2.
Make sure that there are no print quality defects.	solved.	
<ul><li>a From the control panel, touch Settings &gt; Troubleshooting &gt; Print Quality Test Pages.</li></ul>		
<b>b</b> Correct any print quality defects. For more information, see <u>"Print quality is poor" on page 240.</u>		
Is the fax print quality satisfactory?		
Step 2	The problem is	Contact <u>customer</u>
Decrease the incoming fax transmission speed.	solved.	support.
<ul><li>a From the control panel, touch Settings &gt; Fax &gt; Fax Setup &gt; Fax</li><li>Receive Settings &gt; Admin Controls.</li></ul>		
<b>b</b> In the Max Speed menu, select a lower transmission speed.		
Is the fax print quality satisfactory?		

## Scanning problems

### Adjusting scanner registration

- 1 From the home screen, touch Settings > Device > Maintenance > Configuration Menu > Scanner Configuration > Scanner Manual Registration.
- 2 In the Print Quick Test menu, touch Start.
- **3** Place the Print Quick Test page on the scanner glass, and then touch **Flatbed Registration**.
- 4 In the Copy Quick Test menu, touch Start.
- **5** Compare the Copy Quick Test page with the original document.
  - **Note:** If the margins of the test page are different from the original document, then adjust Left Margin and Top Margin.
- **6** Repeat step 4 and step 5 until the margins of the Copy Quick Test page closely match the original document.

## Adjusting ADF registration

- 1 From the home screen, touch Settings > Device > Maintenance > Configuration Menu > Scanner Configuration > Scanner Manual Registration.
- 2 In the Print Quick Test menu, touch Start.
- **3** Place the Print Quick Test page on the ADF tray.
- 4 Touch Front ADF Registration or Rear ADF Registration.

#### **Notes:**

- To align Front ADF Registration, place the test page faceup, short edge first into the ADF.
- To align Rear ADF Registration, place the test page facedown, short edge first into the ADF.
- **5** In the Copy Quick Test menu, touch **Start**.
- **6** Compare the Copy Quick Test page with the original document.

**Note:** If the margins of the test page are different from the original document, then adjust Horizontal Adjust and Top Margin.

7 Repeat step 5 and step 6 until the margins of the Copy Quick Test page closely match the original document.

## Cannot scan from a computer

Action	Yes	No
a Turn off the printer, wait for about 10 seconds, and then turn it back on. b Resend the scan job.  Can you could the scan job?	The problem is solved.	Go to step 2.
Can you send the scan job?		
Step 2	The problem is	Contact <u>customer</u> <u>support</u> .
<b>a</b> Make sure that the cables between the printer and the print server are secure.	solved.	
For more information, see the setup documentation that came with the printer.		
<b>b</b> Resend the scan job.		
Can you send the scan job?		

## Partial copies of document or photo

Action	Yes	No
Step 1     a Make sure that the document or photo is loaded facedown on the upper left corner of the scanner glass.     b Copy the document or photo.	The problem is solved.	Go to step 2.
Is the document or photo copied correctly?		
Step 2  a Match the paper size setting and the paper loaded in the tray.  b Copy the document or photo.	The problem is solved.	Contact <u>customer</u> <u>support</u> .
Is the document or photo copied correctly?		

## **Poor copy quality**

Action	Yes	No
Step 1	The problem is	Go to step 2.
a Clean the scanner glass and the ADF glass with a damp, soft, lint-free cloth. If your printer has a second ADF glass inside the ADF, then also clean that glass.	solved.	
For more information, see <u>"Cleaning the scanner" on page 168</u> .		
<b>b</b> Make sure that the document or photo is loaded facedown on the upper left corner of the scanner glass.		
<b>c</b> Copy the document or photo.		
Is the copy quality satisfactory?		
Step 2	The problem is	Contact <u>customer</u>
a Check the quality of the original document or photo.	solved.	support.
<b>b</b> Adjust the scan quality settings.		
<b>c</b> Copy the document or photo.		
Is the copy quality satisfactory?		

## Scan job was not successful

Action	Yes	No
Step 1	The problem is	Go to step 2.
Check the cable connections.	solved.	
<b>a</b> Make sure that the Ethernet or USB cable is securely connected to the computer and the printer.		
<b>b</b> Resend the scan job.		
Is the scan job successful?		
Step 2	The problem is	Go to step 3.
Check the file you want to scan.	solved.	
<b>a</b> Make sure that the file name is not already used in the destination folder.		
<b>b</b> Make sure that the document or photo you want to scan is not open in another application.		
<b>c</b> Resend the scan job.		
Is the scan job successful?		

Action	Yes	No
Step 3  a Make sure that the Append time stamp or the Overwrite existing file check box is selected in the destination configuration settings.  b Resend the scan job.	The problem is solved.	Contact <u>customer</u> <u>support</u> .
Is the scan job successful?		

## Scanner does not close

Action	Yes	No
Remove obstructions that keep the scanner cover open.	The problem is solved.	Contact <u>customer</u> <u>support</u> .
Did the scanner cover close correctly?		

## Scanner does not respond

Action	Yes	No
Step 1  a Check if the power cord is connected properly to the printer and the electrical outlet.	The problem is solved.	Go to step 2.
CAUTION—POTENTIAL INJURY: To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.		
<b>b</b> Copy or scan the document.		
Is the scanner responding?		
Step 2	The problem is solved.	Go to step 3.
a Check if the printer is turned on.		
<b>b</b> Resolve any error messages that appear on the display.		
<b>c</b> Copy or scan the document.		
Is the scanner responding?		
Step 3	The problem is solved.	Contact <u>customer</u> <u>support</u> .
<b>a</b> Turn off the printer, wait for about 10 seconds, and then turn the printer on.		
<b>b</b> Copy or scan the document.		
Is the scanner responding?		

## Scanning takes too long or freezes the computer

Action	Yes	No
Close all applications that are interfering with the scan.	Contact <u>customer</u> <u>support</u> .	The problem is solved.
Does scanning take too long or freeze the computer?		

## **Contacting customer support**

Before contacting customer support, make sure to have the following information:

- Printer problem
- Error message
- Printer model type and serial number

Go to <a href="http://support.lexmark.com">http://support.lexmark.com</a> to receive e-mail or chat support, or browse through the library of manuals, support documentation, drivers, and other downloads.

Technical support via telephone is also available. In the U.S. or Canada, call 1-800-539-6275. For other countries or regions, go to <a href="http://support.lexmark.com">http://support.lexmark.com</a>.

# **Upgrading and migrating**

## **Hardware**

### **Available internal options**

- · Memory card
  - DDR3 DIMM
  - Flash memory
    - Fonts
  - Application cards
    - Forms and Bar Code
    - PRESCRIBE
    - IPDS
- Lexmark Internal Solutions Port (ISP)
  - MarkNet N8370 Wireless Print Server
  - IEEE 1284-B Parallel Card
  - RS-232C Serial Card

### Installing a memory card



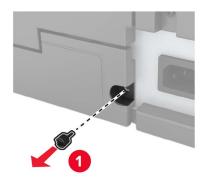
**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, if you are accessing the controller board or installing optional hardware or memory devices sometime after setting up the printer, then turn the printer off, and unplug the power cord from the electrical outlet before continuing. If you have any other devices attached to the printer, then turn them off as well, and unplug any cables going into the printer.

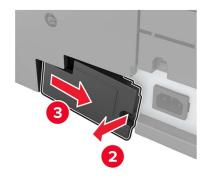
**1** Turn off the printer.



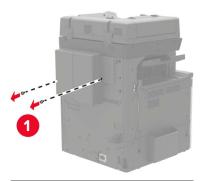
**2** Unplug the power cord from the electrical outlet.

**3** Using the screwdriver stored inside door A, remove the connector cover from the rear of the printer.





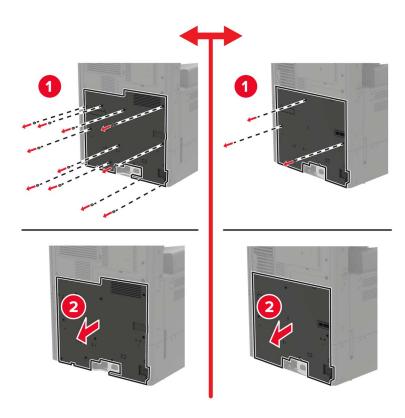
**4** If the printer has a filter cover, then remove the cover.



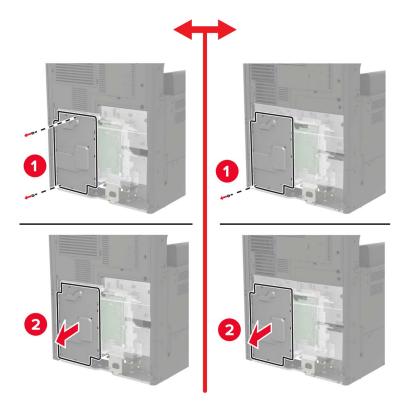


**5** Remove the controller board access cover.

**Warning—Potential Damage:** Controller board electronic components are easily damaged by static electricity. Touch a metal surface on the printer before touching any controller board components or connectors.



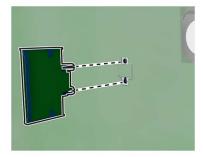
Remove the controller board shield.



Unpack the memory card.

Warning—Potential Damage: Avoid touching the connection points along the edge of the card.

Insert the memory card until it *clicks* into place.



- Attach the shield, and then attach the access cover.
- Attach the connector cover.
- If you removed a filter cover, then attach the cover.
- Connect the power cord to the electrical outlet, and then turn on the printer.
  - CAUTION—POTENTIAL INJURY: To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

## Installing a printer hard disk

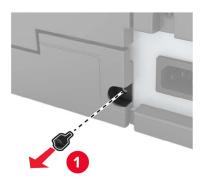
4

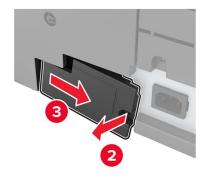
**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, if you are accessing the controller board or installing optional hardware or memory devices sometime after setting up the printer, then turn the printer off, and unplug the power cord from the electrical outlet before continuing. If you have any other devices attached to the printer, then turn them off as well, and unplug any cables going into the printer.

1 Turn off the printer.

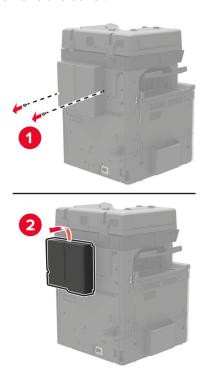


- **2** Unplug the power cord from the electrical outlet.
- **3** Using the screwdriver stored inside door A, remove the connector cover from the rear of the printer.



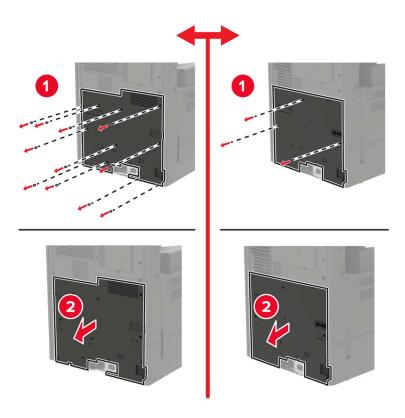


**4** If the printer has a filter cover, then remove the cover.

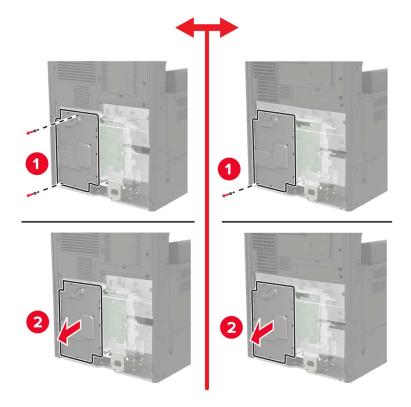


**5** Remove the controller board access cover.

**Warning—Potential Damage:** Controller board electronic components are easily damaged by static electricity. Touch a metal surface on the printer before touching any controller board components or connectors.

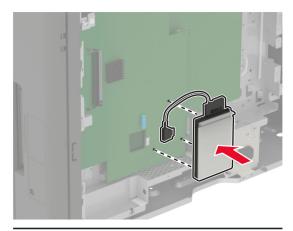


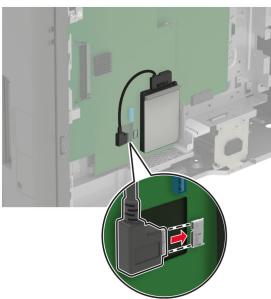
**6** Remove the controller board shield.



7 Unpack the printer hard disk.

8 Attach the hard disk, and then connect the hard disk interface cable to the controller board.





- **9** Attach the shield, and then attach the access cover.
- **10** Attach the connector cover.
- **11** If you removed a filter cover, then attach the cover.
- **12** Connect the power cord to the electrical outlet, and then turn on the printer.
  - $\wedge$

**CAUTION—POTENTIAL INJURY:** To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

## Installing an optional card

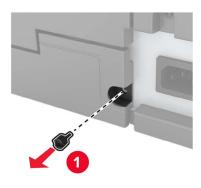
4

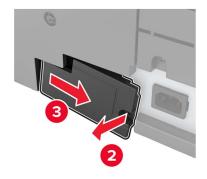
**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, if you are accessing the controller board or installing optional hardware or memory devices sometime after setting up the printer, then turn the printer off, and unplug the power cord from the electrical outlet before continuing. If you have any other devices attached to the printer, then turn them off as well, and unplug any cables going into the printer.

1 Turn off the printer.

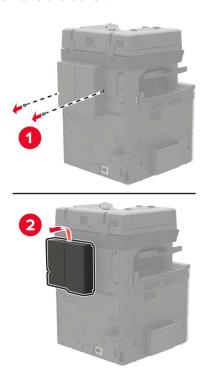


- **2** Unplug the power cord from the electrical outlet.
- **3** Using the screwdriver stored inside door A, remove the connector cover from the rear of the printer.



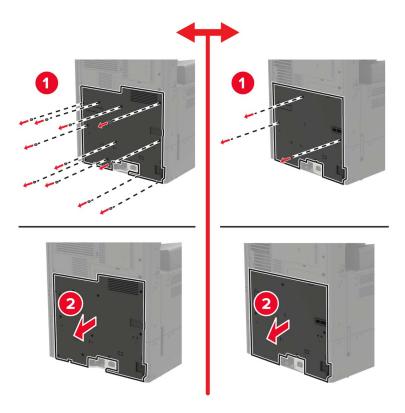


**4** If the printer has a filter cover, then remove the cover.

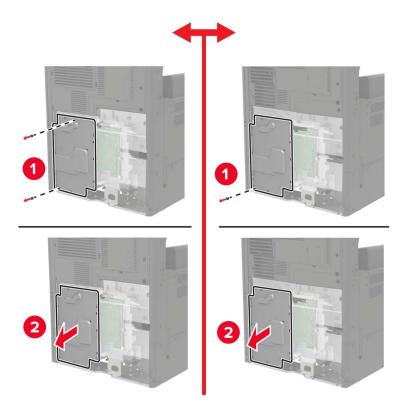


**5** Remove the controller board access cover.

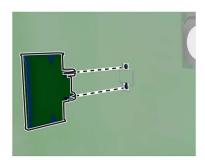
**Warning—Potential Damage:** Controller board electronic components are easily damaged by static electricity. Touch a metal surface on the printer before touching any controller board components or connectors.



Remove the controller board shield.



- 7 Unpack the optional card.
  - Warning—Potential Damage: Avoid touching the connection points along the edge of the card.
- **8** Push the card firmly into place.



**Note:** The entire length of the connector on the card must touch and be flush against the controller board.

**Warning—Potential Damage:** Improper installation of the card may cause damage to the card and the controller board.

- **9** Attach the shield, and then attach the access cover.
- 10 Attach the connector cover.
- 11 If you removed a filter cover, then attach the cover.
- 12 Connect the power cord to the electrical outlet, and then turn on the printer.
  - $\wedge$

**CAUTION—POTENTIAL INJURY:** To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

### Installing a wireless print server

4

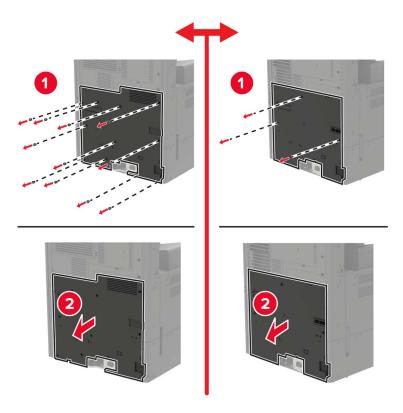
**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, if you are accessing the controller board or installing optional hardware or memory devices sometime after setting up the printer, then turn the printer off, and unplug the power cord from the electrical outlet before continuing. If you have any other devices attached to the printer, then turn them off as well, and unplug any cables going into the printer.

1 Turn off the printer.

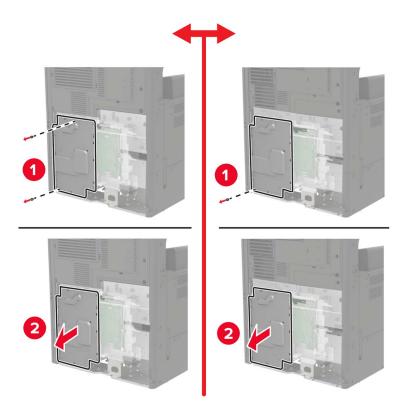


- **2** Unplug the power cord from the electrical outlet.
- **3** Using the screwdriver stored inside door A, remove the controller board access cover.

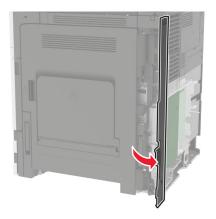
**Warning—Potential Damage:** Controller board electronic components are easily damaged by static electricity. Touch a metal surface on the printer before touching any controller board components or connectors.



Remove the controller board shield.

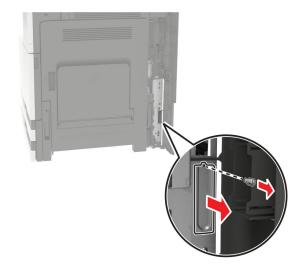


Open the port access door.

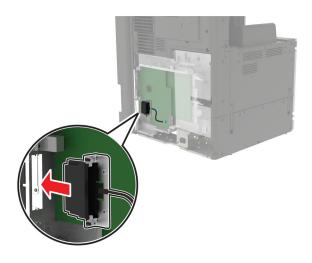


Remove the option slot cover.

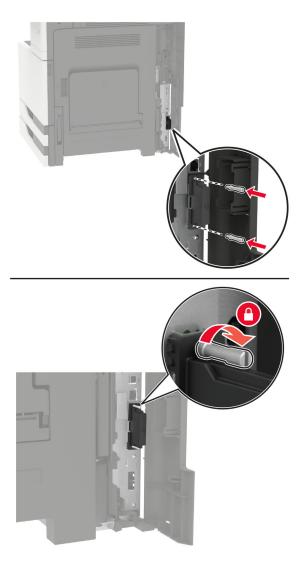
Note: Using a Phillips screwdriver, remove the screw. Lift the cover, and then pull it out completely.



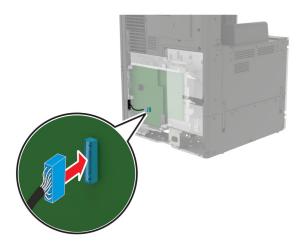
Unpack the wireless print server, and then pass it through the option slot.



### Attach the thumbscrews.



Connect the wireless print server to the controller board.



- **10** Reattach the shield, and then reattach the access cover.
- 11 Connect the power cord to the electrical outlet, and then turn on the printer.



**CAUTION—POTENTIAL INJURY:** To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

### Installing the 2 x 500- or 2500-sheet tray

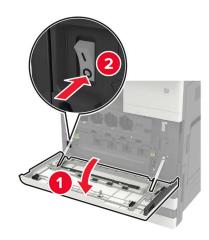


**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, if you are accessing the controller board or installing optional hardware or memory devices sometime after setting up the printer, then turn the printer off, and unplug the power cord from the electrical outlet before continuing. If you have any other devices attached to the printer, then turn them off as well, and unplug any cables going into the printer.



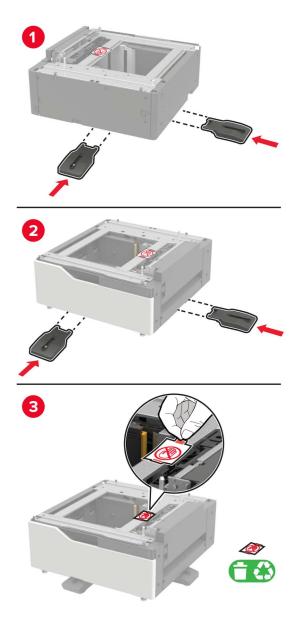
**CAUTION—TIPPING HAZARD:** Installing one or more options on your printer or MFP may require a caster base, furniture, or other feature to prevent instability causing possible injury. For more information on supported configurations, see <a href="https://www.lexmark.com/multifunctionprinters">www.lexmark.com/multifunctionprinters</a>.

**1** Turn off the printer.



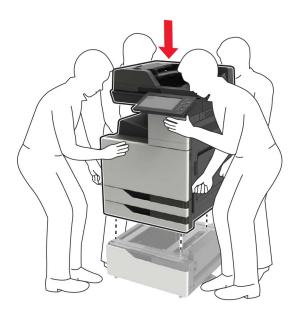
- **2** Unplug the power cord from the electrical outlet, and then from the printer.
- **3** Unpack the tray, and then remove all packing material.

**4** Attach the stabilizing feet to the tray, and then remove the adhesive cover.

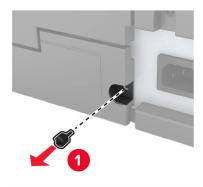


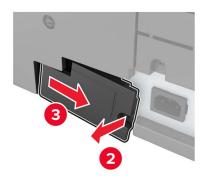
**5** Using the side handles, align the printer with the tray, and then lower the printer into place.

CAUTION—POTENTIAL INJURY: If the printer weight is greater than 20 kg (44 lb), then it may require two or more people to lift it safely.



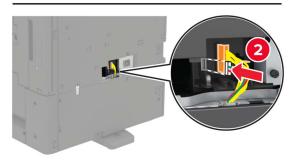
**6** Using the screwdriver stored inside door A, remove the connector cover from the rear of the printer.





# **7** Connect the tray connector to the printer.

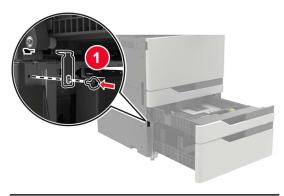




8 Open trays 2 and 3.

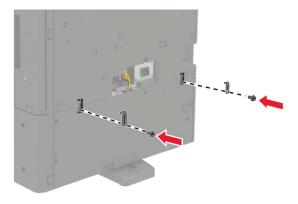


- **9** Secure the tray to the printer with the locking clips and metal bracket.
  - Front





• Rear



- **10** Close the trays, and then attach the connector cover.
- **11** Connect the power cord to the printer, and then to the electrical outlet.

**CAUTION—POTENTIAL INJURY:** To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

**12** Turn on the printer.

Add the tray in the print driver to make it available for print jobs. For more information, see <u>"Adding available options in the print driver" on page 317.</u>

When installing hardware options, follow this order of installation.

- 2 x 500- or 2500-sheet tray
- Printer
- Staple finisher

# Installing the 3000-sheet tray

Note: The 3000-sheet tray is only supported if the 2 x 500- or 2500-sheet tray is installed.



**CAUTION—SHOCK HAZARD:** To avoid the risk of electrical shock, if you are accessing the controller board or installing optional hardware or memory devices sometime after setting up the printer, then turn the printer off, and unplug the power cord from the electrical outlet before continuing. If you have any other devices attached to the printer, then turn them off as well, and unplug any cables going into the printer.



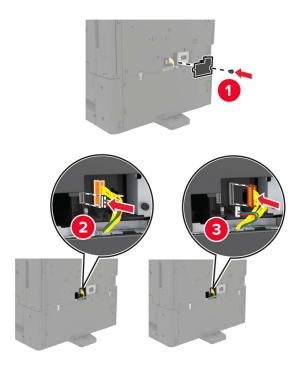
**CAUTION—TIPPING HAZARD:** Installing one or more options on your printer or MFP may require a caster base, furniture, or other feature to prevent instability causing possible injury. For more information on supported configurations, see <a href="https://www.lexmark.com/multifunctionprinters">www.lexmark.com/multifunctionprinters</a>.

**1** Turn off the printer.



- **2** Unplug the power cord from the electrical outlet, and then from the printer.
- 3 Unpack the tray.

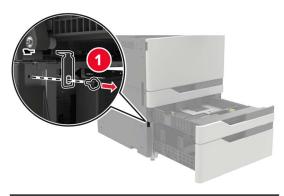
Using the screwdriver stored inside door A, disconnect the 2 x 500- or 2500-sheet tray cable from the rear of the printer.



Open trays 2 and 3.

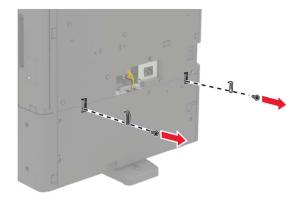


- **6** Remove the metal brackets and the locking clip that secure the 2 x 500- or 2500-sheet tray to the printer.
  - Front

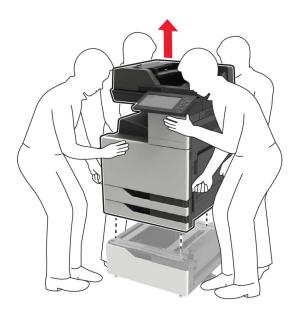




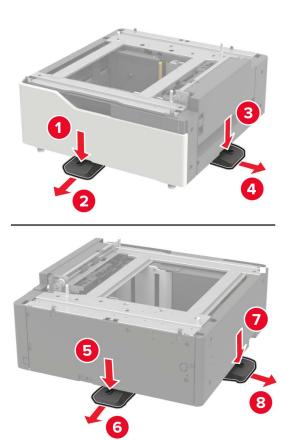
• Rear



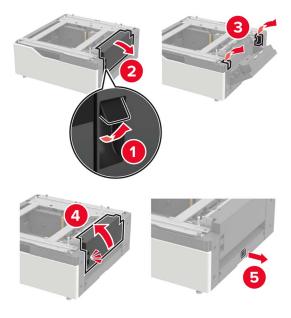
- **7** Close the trays.
- **8** Using the side handles, remove the printer from the 2 x 500- or 2500-sheet tray.
  - CAUTION—POTENTIAL INJURY: If the printer weight is greater than 20 kg (44 lb), then it may require two or more people to lift it safely.



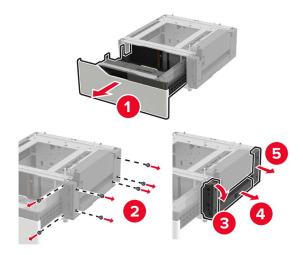
Remove the stabilizing feet from the tray.



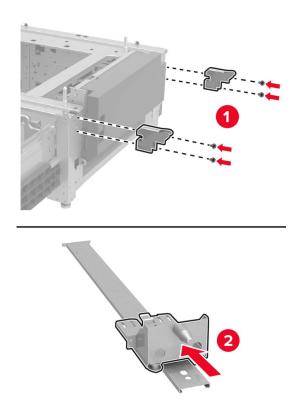
#### Remove the adhesive covers.



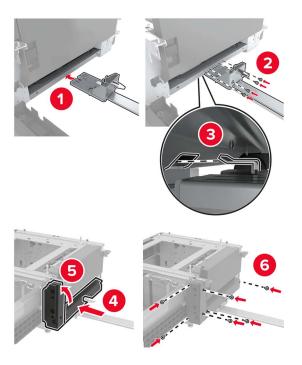
Open the tray, and then remove the mounting bracket and rail covers.



**12** Attach the side mounting brackets to the tray, and then insert the guide plate into the rail.

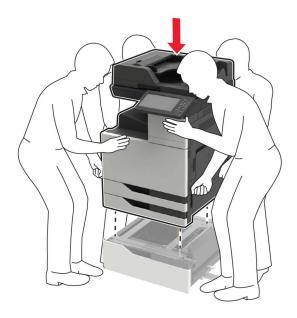


**13** Attach the rail, and then attach the mounting bracket and rail covers.

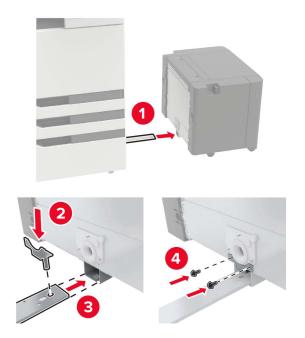


**14** Close the tray.

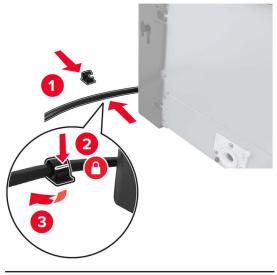
**15** Using the side handles, align the printer with the tray, and then lower the printer into place.

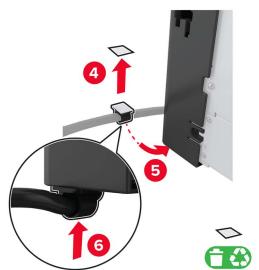


**16** Align the 3000-sheet tray with the printer, and then attach the mounting post.

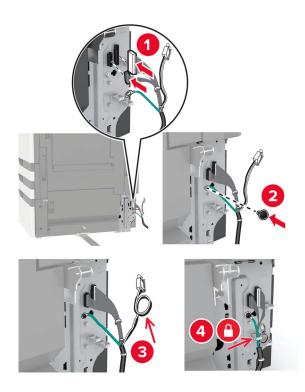


## Secure the tray cable with the clamp.

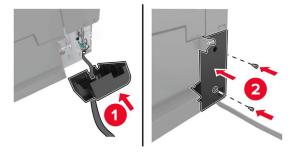




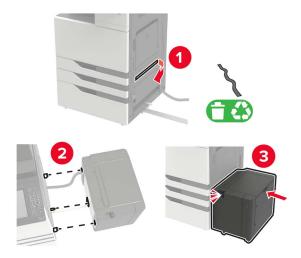
## Connect the tray cable to the printer.



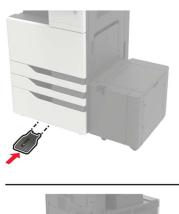
Attach the tray cable cover.



## Slide the tray until it *clicks* into place.

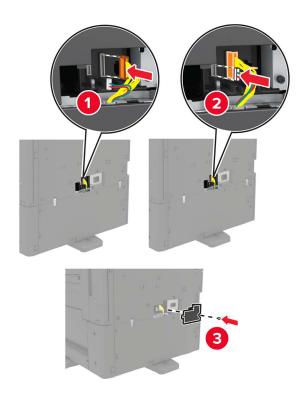


# Attach the stabilizing feet to the printer.

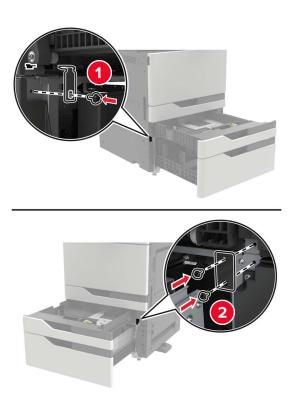




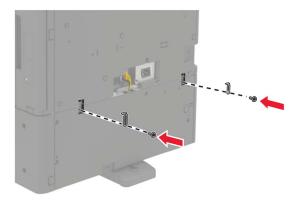
**22** Connect the 2 x 500- or 2500-sheet tray connector to the printer.



- **23** Open trays 2 and 3, and then secure the 2 x 500- or 2500-sheet tray to the printer with the locking clips and metal bracket.
  - Front



• Rear



- 24 Close the trays.
- **25** Connect the power cord to the printer, and then to the electrical outlet.



**CAUTION—POTENTIAL INJURY:** To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

**26** Turn on the printer.

Add the tray in the print driver to make it available for print jobs. For more information, see <u>"Adding available options in the print driver" on page 317</u>.

When installing hardware options, follow this order of installation.

- 3000-sheet tray
- Printer
- Staple finisher

# Installing the staple finisher

<u></u>

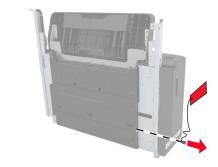
**CAUTION—TIPPING HAZARD:** Installing one or more options on your printer or MFP may require a caster base, furniture, or other feature to prevent instability causing possible injury. For more information on supported configurations, see <a href="https://www.lexmark.com/multifunctionprinters">www.lexmark.com/multifunctionprinters</a>.

**1** Turn off the printer.

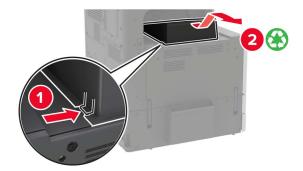


- **2** Unplug the power cord from the electrical outlet, and then from the printer.
- **3** Unpack the staple finisher.

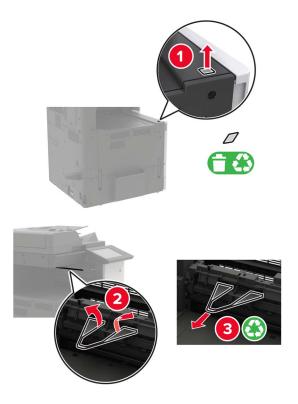
Note: Remove the tag but keep the screw for use in step 11.



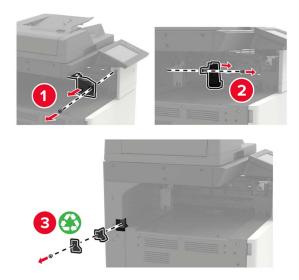
4 Remove the standard bin.



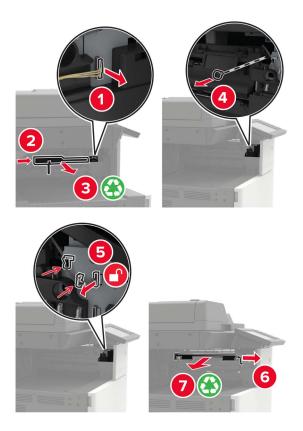
**5** Remove the adhesive cover, and then remove the paper bail.



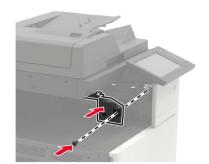
**6** Using the screwdriver stored inside door A, remove the covers for the paper guide sensor and slide rail.



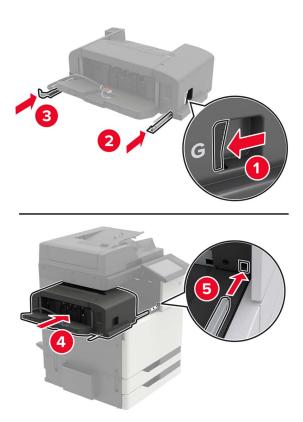
## **7** Remove the paper guides.



## 8 Attach the sensor cover.

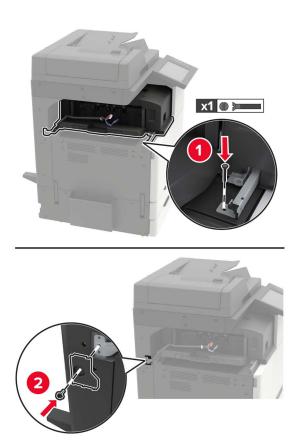


## **9** Insert the finisher.



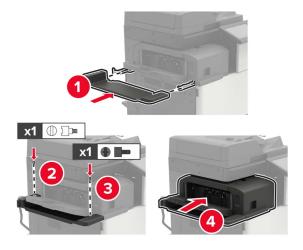
**10** Secure the finisher to the printer.

**Note:** Use the screw that came with the finisher.



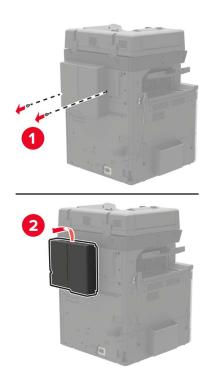
**11** Attach the finisher slide rail cover.

**Note:** Use the screws that came with the finisher.

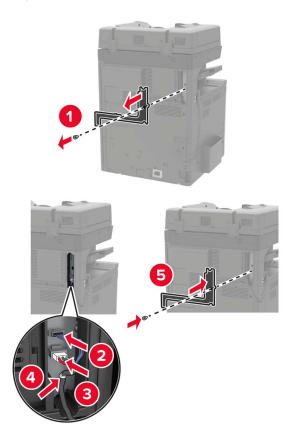


**12** Remove the filter cover.

**Note:** This step is applicable only in some printer models.



## **13** Connect the finisher cable to the printer.



**14** Reattach the filter cover.

**Note:** This step is applicable only in some printer models.

**15** Connect the power cord to the printer, and then to the electrical outlet.



**CAUTION—POTENTIAL INJURY:** To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.



**CAUTION—POTENTIAL INJURY:** Do not use this product with extension cords, multioutlet power strips, multioutlet extenders, or UPS devices. The power capacity of these types of accessories can be easily overloaded by a laser printer and may result in a risk of fire, property damage, or poor printer performance.

**16** Turn on the printer.

Add the finisher in the print driver to make it available for print jobs. For more information, see <u>"Adding</u> available options in the print driver" on page 317.

## Installing the staple, hole punch or booklet finisher



**CAUTION—TIPPING HAZARD:** Installing one or more options on your printer or MFP may require a caster base, furniture, or other feature to prevent instability causing possible injury. For more information on supported configurations, see <a href="https://www.lexmark.com/multifunctionprinters">www.lexmark.com/multifunctionprinters</a>.

1 Turn off the printer.



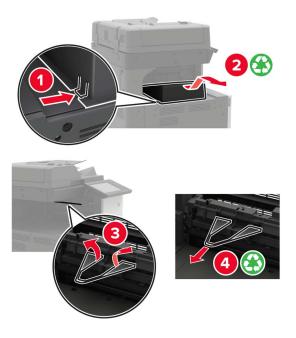
- **2** Unplug the power cord from the electrical outlet, and then from the printer.
- **3** Remove the publications holder from the side or rear of the printer.



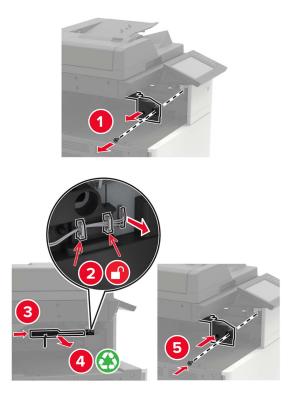


**4** Unpack the staple, hole punch or booklet finisher.

Remove the standard bin, and then remove the paper bail.

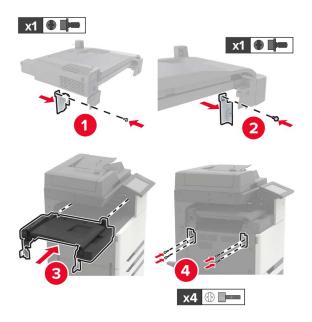


Using the screwdriver stored inside door A, remove the paper guides.



Insert the paper transport.

Note: Use the screws that came with the finisher.



Attach the finisher to the printer.



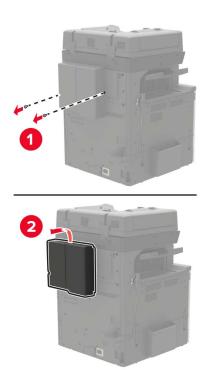
**9** Insert the staple cartridge into the finisher until it *clicks* into place.



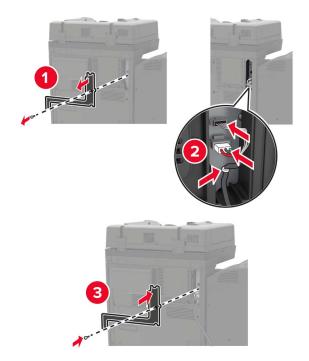


**10** Remove the filter cover.

**Note:** This step is applicable only in some printer models.



**11** Connect the finisher cable to the printer.



**12** Reattach the filter cover.

**Note:** This step is applicable only in some printer models.

### **13** Secure the cable.



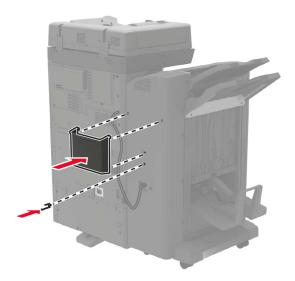
## **14** Insert the bins.

#### Notes:

- Use the screws that came with the finisher.
- When inserting bin 2, avoid moving the bracket.
- Bin 3 is supported only in the booklet finisher.



**15** Attach the publications holder, and then attach the clamp.



**16** Connect the power cord to the printer, and then to the electrical outlet.



**CAUTION—POTENTIAL INJURY:** To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.



**CAUTION—POTENTIAL INJURY:** Do not use this product with extension cords, multioutlet power strips, multioutlet extenders, or UPS devices. The power capacity of these types of accessories can be easily overloaded by a laser printer and may result in a risk of fire, property damage, or poor printer performance.

**17** Turn on the printer.

Add the finisher in the print driver to make it available for print jobs. For more information, see <u>"Adding available options in the print driver" on page 317</u>.

# **Software**

# Installing the printer software

- **1** Obtain a copy of the software installer package.
  - From the software CD that came with your printer.
  - Go to <a href="http://support.lexmark.com">http://support.lexmark.com</a>, and then select your printer and operating system.
- **2** Run the installer, and then follow the instructions on the computer screen.
- **3** For Macintosh users, add the printer.

**Note:** Obtain the printer IP address from the home screen.

## Adding available options in the print driver

#### For Windows users

- **1** Open the printers folder.
- **2** Select the printer you want to update, and then do either of the following:
  - For Windows 7 or later, select **Printer properties**.
  - For earlier versions, select **Properties**.
- 3 Navigate to the Configuration tab, and then select Update Now Ask Printer.
- 4 Apply the changes.

#### For Macintosh users

- 1 From System Preferences in the Apple menu, navigate to your printer, and then select **Options & Supplies**.
- 2 Navigate to the list of hardware options, and then add any installed options.
- 3 Apply the changes.

# **Firmware**

# **Exporting or importing a configuration file**

You can export the configuration settings of your printer into a text file, and then import the file to apply the settings to other printers.

1 Open a web browser, and then type the printer IP address in the address field.

#### **Notes:**

- View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.
- If you are using a proxy server, then temporarily disable it to load the web page correctly.
- **2** From the Embedded Web Server, click **Export Configuration** or **Import Configuration**.
- **3** Follow the instructions on the screen.
- **4** If the printer supports applications, then do the following:
  - a Click Apps > select the application > Configure.
  - **b** Click **Export** or **Import**.

# **Updating firmware**

Some applications require a minimum device firmware level to operate correctly.

For more information on updating the device firmware, contact your Lexmark representative.

1 Open a web browser, and then type the printer IP address in the address field.

#### Notes:

- View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.
- If you are using a proxy server, then temporarily disable it to load the web page correctly.
- 2 Click Settings > Device > Update Firmware.
- **3** Browse to the flash file.
- 4 Click Upload.

# **Notices**

#### **Product information**

Product name:

Lexmark XC9225, Lexmark XC9235, Lexmark XC9245, Lexmark XC9255, Lexmark XC9265 MFPs

Machine type:

7559

Model(s):

098, 198, 398, 598, 798

#### **Edition notice**

July 2024

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For Lexmark technical support, go to <a href="http://support.lexmark.com">http://support.lexmark.com</a>.

For information on Lexmark's privacy policy governing the use of this product, go to **www.lexmark.com/privacy**.

For information on supplies and downloads, go to www.lexmark.com.

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# **Licensing notices**

All licensing notices associated with this product can be viewed from the CD:\NOTICES directory of the installation software CD.

### **Noise emission levels**

The following measurements were made in accordance with ISO 7779 and reported in conformance with ISO 9296.

**Note:** Some modes may not apply to your product.

1-meter average sound pressure, dBA		
Printing	One-sided: 50 (XC9225); 51 (XC9235); 52 (XC9245, XC9255); 55 (XC9265) Two-sided: 51 (XC9225); 53 (XC9235, XC9245); 54 (XC9255); 56 (XC9265)	
Scanning	54 (XC9225); 55 (XC9235); 56 (XC9245, XC9255); 57 (XC9265)	
Copying	54 (XC9225); 55 (XC9235); 56 (XC9245, XC9255); 57 (XC9265)	

1-meter average sound pressure, dBA	
Ready	25 (XC9225, XC9235); 26 (XC9245); 29 (XC9255); 28 (XC9265)

Values are subject to change. See <a href="https://www.lexmark.com">www.lexmark.com</a> for current values.

## Waste from Electrical and Electronic Equipment (WEEE) directive



The WEEE logo signifies specific recycling programs and procedures for electronic products in countries of the European Union. We encourage the recycling of our products.

If you have further questions about recycling options, visit the Lexmark Web site at <u>www.lexmark.com</u> for your local sales office phone number.

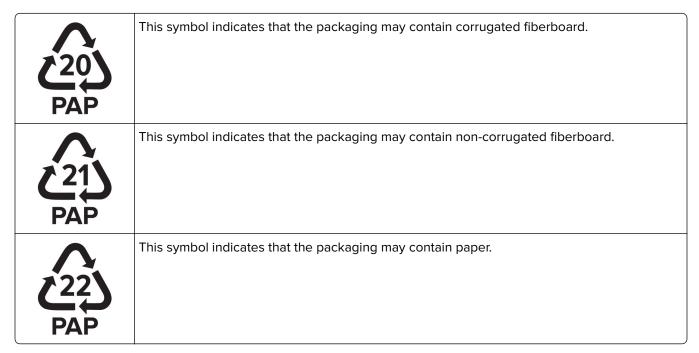
#### India E-Waste notice



This product complies with the India E-Waste (Management and Handling) Rules, 2011, which prohibit use of lead, mercury, hexavalent chromium, polybrominated biphenyls, or polybrominated diphenyl ethers in concentrations exceeding 0.1% by weight and 0.01% by weight for cadmium, except for the exemption set in Schedule II of the Rules.

# **Environmental labeling for packaging**

Per Commission Regulation Decision 97/129/EC Legislative Decree 152/2006, the product packaging may contain one or more of the following symbols.



For more information, go to <u>www.lexmark.com/recycle</u>, and then choose your country or region. Information on available packaging recycling programs is included with the information on product recycling.

# **Product disposal**

Do not dispose of the printer or supplies in the same manner as normal household waste. Consult your local authorities for disposal and recycling options.

# Lithium-ion rechargeable battery



This product may contain a coin-cell, lithium-ion rechargeable battery, which should only be removed by a trained technician. Crossed-out wheelie bin means the product should not be discarded as unsorted waste but must be sent to separate collection facilities for recovery and recycling. In the event the battery is removed, do not dispose of the battery in your household waste. There may be separate collection systems for batteries in your local community, such as a battery-recycling drop-off location. The separate collection of waste batteries assures appropriate treatment of waste including reuse and recycling and prevents any potential negative effects on human health and environment. Please responsibly dispose of the batteries.

## Regulation (EU) 2023/1542

This product may contain a coin-cell lithium rechargeable battery. This battery complies with Regulation (EU) 2023/1542. Compliance is indicated by the CE marking:



This product may contain one of the following coin-cell batteries:

Battery identification: Seiko Model Number MS621FE

Manufacturer: Seiko Instruments Inc.

Manufacturer address: 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507, Japan

• Battery identification: Panasonic Model Number ML621

Manufacturer: Panasonic Energy Co., Ltd.

Manufacturer address: 1-1 Matsushita-cho, Moriguchi City, Osaka 570-8511, Japan

Battery identification: FDK Model Number ML621

Manufacturer: FDK Corporation

Manufacturer address: Shibaura Crystal Shinagawa, 1-6-41 Konan, Minato-ku, Tokyo 108-8212 Japan

## Returning Lexmark cartridges for reuse or recycling

The Lexmark Cartridge Collection Program allows you to return used cartridges for free to Lexmark for reuse or recycling. One hundred percent of the empty cartridges returned to Lexmark are either reused or demanufactured for recycling. The boxes used to return the cartridges are also recycled.

To return Lexmark cartridges for reuse or recycling, do the following:

- 1 Go to www.lexmark.com/recycle.
- **2** Select your country or region.
- 3 Select Lexmark Cartridge Collection Program.
- **4** Follow the instructions on the screen.

Static sensitivity notice

# Static sensitivity notice



This symbol identifies static-sensitive parts. Do not touch the areas near these symbols without first touching a metal surface in an area away from the symbol.

To prevent damage from electrostatic discharge when performing maintenance tasks such as clearing paper jams or replacing supplies, touch any exposed metal frame of the printer before accessing or touching interior areas of the printer even if the symbol is not present.

### **ENERGY STAR**

Any Lexmark product bearing the ENERGY STAR® emblem on the product or on a start-up screen is certified to comply with Environmental Protection Agency (EPA) ENERGY STAR requirements as of the date of manufacture.



# **Temperature information**

Ambient operating temperature	10 to 30°C (50 to 86°F)
Shipping temperature	-10 to 40°C (14 to 104°F)
Storage temperature and relative humidity	-10 to 40°C (14 to 104°F)
	15 to 85% RH

### Laser notice

The printer is certified in the U.S. to conform to the requirements of DHHS 21 CFR, Chapter I, Subchapter J for Class I (1) laser products, and elsewhere is certified as a Class I laser product conforming to the requirements of IEC 60825-1: 2014.

Class I laser products are not considered to be hazardous. The laser system and printer are designed so there is never any human access to laser radiation above a Class I level during normal operation, user maintenance, or prescribed service conditions. The printer has a non-serviceable printhead assembly that contains a laser with the following specifications:

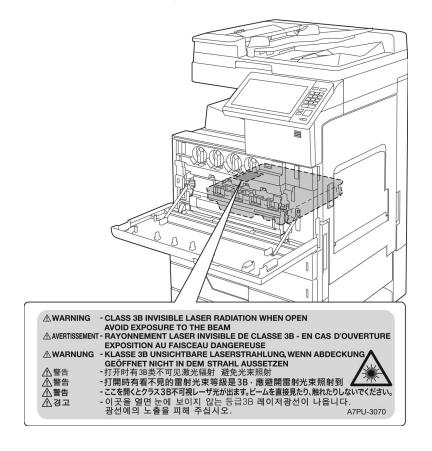
Class IIIb (3b) AlGaAs

Nominal output power (milliwatts): 25

Wavelength (nanometers): 770-800, 775-800

## Laser advisory label

The following laser notice label is affixed to the printer:



## **Power consumption**

#### **Product power consumption**

The following table documents the power consumption characteristics of the product.

**Note:** Some modes may not apply to your product.

Mode	Description	Power consumption (Watts)
Printing	The product is generating hard-copy output from electronic inputs.	One-sided: 575 (XC9225); 675 (XC9235); 1000 (XC9245); 1075 (XC9255); 1250 (XC9265) Two-sided: 550 (XC9225); 575 (XC9235); 1000 (XC9245); 1075 (XC9255); 1250 (XC9265)
Сору	The product is generating hard-copy output from hard-copy original documents.	600 (XC9225); 700 (XC9235); 1075 (XC9245); 1100 (XC9255); 1275 (XC9265)
Scan	The product is scanning hard-copy documents.	230 (XC9225, XC9235); 250 (XC9245, XC9255, XC9265)

Mode	Description	Power consumption (Watts)
Ready	The product is waiting for a print job.	220 (XC9225, XC9235); 230 (XC9245, XC9255, XC9265)
Sleep Mode	The product is in a high-level energy-saving mode.	2.75 (XC9225); 1.51 (CXC9235); 2.71 (XC9245); 2.78 (XC9255); 1.22 (XC9265)
Hibernate	The product is in a low-level energy-saving mode.	0.2
Off	The product is plugged into an electrical outlet, but the power switch is turned off.	0

The power consumption levels listed in the previous table represent time-averaged measurements. Instantaneous power draws may be substantially higher than the average.

Values are subject to change. See www.lexmark.com for current values.

#### Sleep Mode

This product is designed with an energy-saving mode called *Sleep Mode*. The Sleep Mode saves energy by lowering power consumption during extended periods of inactivity. The Sleep Mode is automatically engaged after this product is not used for a specified period of time, called the *Sleep Mode Timeout*.

Factory default Sleep Mode Timeout for this product (in minutes):
---

By using the configuration menus, the Sleep Mode Timeout can be modified between 1 minute and 120 minutes. If the print speed is less than or equal to 30 pages per minute, then you can set the timeout only up to 60 minutes. Setting the Sleep Mode Timeout to a low value reduces energy consumption, but may increase the response time of the product. Setting the Sleep Mode Timeout to a high value maintains a fast response, but uses more energy.

#### **Hibernate Mode**

This product is designed with an ultra-low power operating mode called *Hibernate mode*. When operating in Hibernate Mode, all other systems and devices are powered down safely.

The Hibernate mode can be entered in any of the following methods:

- Using the Hibernate Timeout
- Using the Schedule Power modes

Factory default Hibernate Timeout for this product in all countries or regions 3 d
--

The amount of time the printer waits after a job is printed before it enters Hibernate mode can be modified between one hour and one month.

#### Off mode

If this product has an off mode which still consumes a small amount of power, then to completely stop product power consumption, disconnect the power supply cord from the electrical outlet.

Total energy usage

#### Total energy usage

It is sometimes helpful to estimate the total product energy usage. Since power consumption claims are provided in power units of Watts, the power consumption should be multiplied by the time the product spends in each mode in order to calculate energy usage. The total product energy usage is the sum of each mode's energy usage.

## Applicability of Regulation (EU) 2019/2015 and (EU) 2019/2020

Per Commission Regulation (EU) 2019/2015 and (EU) 2019/2020, the light source contained within this product or its component is intended to be used for Image Capture or Image Projection only, and is not intended for use in other applications.

Regulatory notices for telecommunication terminal equipment

## Regulatory notices for telecommunication terminal equipment

This section contains regulatory information pertaining to products that contain the analog facsimile card: Lexmark Regulatory Type/Model Number:

LEX-M03-002

## Notice to users of the US telephone network: FCC requirements

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the Administrative Council for Terminal Attachments (ACTA). On the back of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to your telephone company.

This equipment uses the RJ-11C Universal Service Order Code (USOC) jack.

A plug and jack used to connect this equipment to the premises' wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. Use a compliant telephone cord (RJ-11) that is 26 AWG or larger when connecting this product to the public switched telephone network. See your setup documentation for more information.

The Ringer Equivalence Number (REN) is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact your local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (for example, 03 is a REN of 0.3). For earlier products, the REN is shown separately on the label.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. If advance notice is not practical, the telephone company will notify the customer as soon as possible. You will also be advised of your right to file a complaint with the FCC.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of this equipment. If this happens, the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If you experience trouble with this equipment, for repair or warranty information, contact Lexmark International, Inc. at <a href="https://www.lexmark.com">www.lexmark.com</a> or your Lexmark representative. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

This equipment contains no user serviceable parts. For repair and warranty information, contact Lexmark International, Inc. See the previous paragraph for contact information.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission, or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device, including fax machines, to send any message unless said message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity, or other individual sending the message, and the telephone number of the sending machine or such business, other entity, or individual. (The telephone number provided may not be a 900 number or any other number for which charges exceed local or long-distance transmission charges.)

See your user documentation in order to program this information into your fax machine.

## Notice to users of the Canadian telephone network

This product meets the applicable Industry Canada technical specifications.

The Ringer Equivalence Number (REN) indicates the maximum number of devices allowed to be connected to a telephone interface. The termination of an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices not exceed five. The REN is located on the product label.

This equipment uses CA11A telephone jacks.

#### Avis réservé aux utilisateurs du réseau téléphonique du Canada

Ce produit est conforme aux spécifications techniques d'Industrie Canada.

Le numéro REN (ringer equivalence number : numéro d'équivalence de sonnerie) indique le nombre maximum d'appareils pouvant être connectés à l'interface téléphonique. En bout de ligne, le nombre d'appareils qui peuvent être connectés n'est pas directement limité, mais la somme des REN de ces appareils ne doit pas dépasser cinq. Le numéro REN est indiqué sur l'étiquette produit.

Cet équipement utilise des prises de téléphone CA11A.

Notice to users of the New Zealand telephone network

#### Notice to users of the New Zealand telephone network

The following are special conditions for the Facsimile User Instructions. The grant of a telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

This equipment shall not be set up to make automatic calls to the Telecom "111" Emergency Service.

This equipment may not provide for the effective hand-over of a call to another device connected to the same line

This equipment should not be used under any circumstances that may constitute a nuisance to other Telecom customers.

This equipment is not capable, under all operating conditions, of correct operation at the higher speeds for which it is designed. Telecom will accept no responsibility should difficulties arise in such circumstances.

The decadic (or pulse) dialing on this device is unsuitable for use on the Telecom network in New Zealand.

For correct operation, the total of all the Ringer Equivalence Numbers (RENs) of all parallel devices connected to the same telephone line may not exceed 5. The REN of this device is located on the label.

This device uses an RJ-11C modular connector. Contact your point of purchase if a BT adapter is required. The Lexmark part number is 80D1873.

Some parameters required for compliance with Telecom's telepermit requirements are dependent on the equipment associated with this device. The associated equipment shall be set to operate within the following limits for compliance to Telecom's specifications:

- There shall be no more than 10 call attempts to the same number within any 30 minute period for any single manual call initiation, and
- The equipment shall go on-hook for a period of not less than 30 seconds between the end of one attempt and the beginning of the next call attempt.
- The equipment shall be set to ensure that automatic calls to different numbers are spaced such that there is not less than 5 seconds between the end of one call attempt and the beginning of another.

## Japanese telecom notice

The installed optional modem is in compliance with Japanese Telecommunication Law and has been Certified by JATE, with the following Certification Number:

#### A11-0160001



## Using this product in Switzerland

This product requires a Swiss billing tone filter (Lexmark part number 80D1877) to be installed on any line which receives metering pulses in Switzerland.

## Utilisation de ce produit en Suisse

Cet appareil nécessite l'utilisation d'un filtre de tonalité de facturation suisse (n° de référence Lexmark : 80D1877) devant être installé sur toute ligne recevant des impulsions de comptage en Suisse.

## Verwendung dieses Produkts in der Schweiz

Für dieses Produkt muss ein schweizerischer Billing Tone Filter zur Zählzeichenübertragung (Lexmark Teilenummer 80D1877) für jede Leitung installiert werden, über die in der Schweiz Zeitsteuertakte übertragen werden.

#### Uso del prodotto in Svizzera

Questo prodotto richiede un filtro toni Billing svizzero, (codice Lexmark 80D1877) da installare su tutte le linee che ricevono impulsi remoti in Svizzera.

# Federal Communications Commission (FCC) compliance information statement

This product has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The FCC Class A limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

The manufacturer is not responsible for any radio or television interference caused by using other than recommended cables or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate this equipment.

**Note:** To assure compliance with FCC regulations on electromagnetic interference for a Class A computing device, use a properly shielded and grounded cable such as Lexmark part number 1021231 for parallel attach or 1021294 for USB attach. Use of a substitute cable not properly shielded and grounded may result in a violation of FCC regulations.

Any questions regarding this compliance information statement should be directed to:

Director of Lexmark Technology & Services Lexmark International, Inc. 740 West New Circle Road Lexington, KY 40550 Telephone: (859) 232–2000

E-mail: regulatory@lexmark.com

## **Industry Canada compliance statement**

This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Standard ICES-003.

#### Avis de conformité aux normes de l'industrie du Canada

Cet appareil numérique de classe A est conforme aux exigences de la norme canadienne relative aux équipements pouvant causer des interférences NMB-003.

## **European Community (EC) directives conformity**

This product is in conformity with the protection requirements of EC Council directives 2014/30/EU, 2014/35/EU, and 2011/65/EU on the approximation and harmonization of the laws of the Member States relating to electromagnetic compatibility, safety of electrical equipment designed for use within certain voltage limits, and on the restrictions of use of certain hazardous substances in electrical and electronic equipment.

The manufacturer of this product is: Lexmark International, Inc., 740 West New Circle Road, Lexington, KY, 40550 USA. The authorized representative is: Lexmark International Technology Hungária Kft., 8 Lechner Ödön fasor, Millennium Tower III, 1095 Budapest HUNGARY. A declaration of conformity to the requirements of the Directives is available upon request from the Authorized Representative or may be obtained at <a href="https://www.lexmark.com/en\_us/about/regulatory-compliance/european-union-declaration-of-conformity.html">www.lexmark.com/en\_us/about/regulatory-compliance/european-union-declaration-of-conformity.html</a>.

This product satisfies the Class A limits of EN 55022 and EN55032 and safety requirements of EN 60950-1 or EN 62368-1.

## Japanese VCCI notice

製品にこのラベルが表示されている場合、 次の要件を満たしています。

この装置は、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。 VCCI-A

この装置は、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。 VCCI-A

#### Aviso aos usuários de produtos Classe A no Brasil.

Este produto não é apropriado para uso em ambientes domésticos, pois poderá causar interferências eletromagnéticas que obrigam o usuário a tomar medidas necessárias para minimizar estas interferências.

#### Radio interference notice

#### Warning

This is a product that complies with the emission requirements of EN55022 and EN55032 Class A limits and immunity requirements of EN55024. This product is not intended to be used in residential/domestic environments.

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

STATEMENT OF LIMITED WARRANTY FOR LEXMARK LASER PRINTERS, LEXMARK LED PRINTERS, AND LEXMARK MULTIFUNCTION LASER PRINTERS

# STATEMENT OF LIMITED WARRANTY FOR LEXMARK LASER PRINTERS, LEXMARK LED PRINTERS, AND LEXMARK MULTIFUNCTION LASER PRINTERS

#### Lexmark International, Inc., Lexington, KY

This limited warranty applies to the United States and Canada. For customers outside the U.S., refer to the country-specific warranty information that came with your product.

This limited warranty applies to this product only if it was originally purchased for your use, and not for resale, from Lexmark or a Lexmark Remarketer, referred to in this statement as "Remarketer."

#### Limited warranty

Lexmark warrants that this product:

- -Is manufactured from new parts, or new and serviceable used parts, which perform like new parts
- —Is, during normal use, free from defects in material and workmanship

If this product does not function as warranted during the warranty period, contact a Remarketer or Lexmark for repair or replacement (at Lexmark's option).

If this product is a feature or option, this statement applies only when that feature or option is used with the product for which it was intended. To obtain warranty service, you may be required to present the feature or option with the product.

If you transfer this product to another user, warranty service under the terms of this statement is available to that user for the remainder of the warranty period. You should transfer proof of original purchase and this statement to that user.

#### Limited warranty service

The warranty period starts on the date of original purchase as shown on the purchase receipt and ends 12 months later provided that the warranty period for any supplies and for any maintenance items included with the printer shall end earlier if it, or its original contents, are substantially used up, depleted, or consumed. Fuser Units, Transfer/Transport Units, Paper Feed items, if any, and any other items for which a Maintenance Kit is available are substantially consumed when the printer displays a "Life Warning" or "Scheduled Maintenance" message for such item.

To obtain warranty service you may be required to present proof of original purchase. You may be required to deliver your product to the Remarketer or Lexmark, or ship it prepaid and suitably packaged to a Lexmark designated location. You are responsible for loss of, or damage to, a product in transit to the Remarketer or the Lexmark designated location.

When warranty service involves the exchange of a product or part, the item replaced becomes the property of the Remarketer or Lexmark. The replacement may be a new or repaired item.

The replacement item assumes the remaining warranty period of the original product.

Replacement is not available to you if the product you present for exchange is defaced, altered, in need of a repair not included in warranty service, damaged beyond repair, or if the product is not free of all legal obligations, restrictions, liens, and encumbrances.

As part of your warranty service and/or replacement, Lexmark may update the firmware in your printer to the latest version. Firmware updates may modify printer settings and cause counterfeit and/or unauthorized products, supplies, parts, materials (such as toners and inks), software, or interfaces to stop working. Authorized use of genuine Lexmark products will not be impacted.

Before you present this product for warranty service, remove all print cartridges, programs, data, and removable storage media (unless directed otherwise by Lexmark).

For further explanation of your warranty alternatives and the nearest Lexmark authorized servicer in your area contact Lexmark on the World Wide Web.

Remote technical support is provided for this product throughout its warranty period. For products no longer covered by a Lexmark warranty, technical support may not be available or only be available for a fee.

#### **Extent of limited warranty**

Lexmark does not warrant uninterrupted or error-free operation of any product or the durability or longevity of prints produced by any product.

Warranty service does not include repair of failures caused by:

- -Modification or unauthorized attachments
- -Accidents, misuse, abuse or use inconsistent with Lexmark user's guides, manuals, instructions or guidance
- —Unsuitable physical or operating environment
- -Maintenance by anyone other than Lexmark or a Lexmark authorized servicer
- —Operation of a product beyond the limit of its duty cycle
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