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Lexmark™ X83 Scan/Print/Copy



Tips for using this guide

- Click the categories on the left side of the page to navigate through this guide, section by section.
- Click the left or right arrow in the lower right corner of the page to navigate through this guide, page by page.
- Click the house icon in the lower right corner of the page to return to the Home Page.
- Click **Edition Page** to view edition information.
- Select File ▶ Print ▶ Properties to print this guide. Make sure Landscape is selected. Select the pages you want to print, and then click OK.

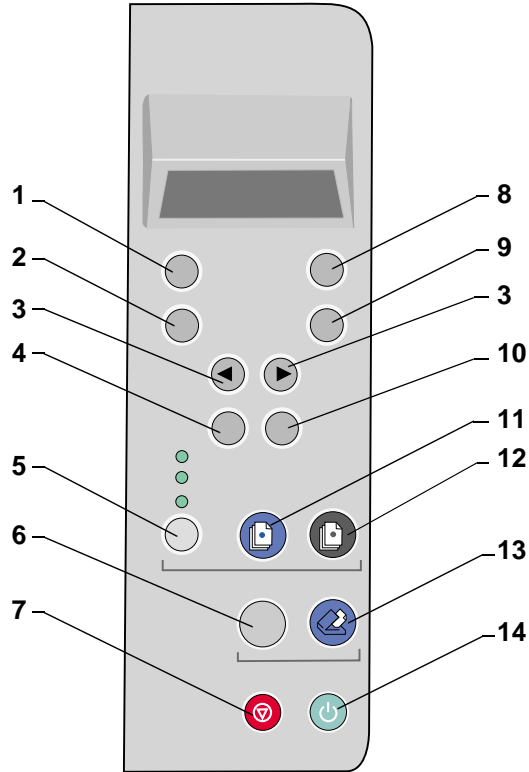
Basics

Congratulations on the purchase of your Lexmark™ X83 Scan/Print/Copy. You can scan, print, and copy documents using the printer operator panel and the printer software.

- **Using the operator panel**
- **Using the menus**
- **Using the Scan & Copy Control Program**
- **Using the Print Control Program**
- **Loading the paper**
- **Replacing the cartridges**
- **Aligning the cartridges**
- **Preserving the cartridges**



Using the operator panel



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The following table corresponds to the graphic on the preceding page.

#	Press this button:	When you want to:
1	Number of Copies	Select the number of copies, from 1 to 99.
2	Reduce/Enlarge	Make the document smaller or larger than the original.
3	◀ or ▶	Scroll through menu categories.
4	Menu	Change settings using the menus. For menu options, see page 6.
5	Copy Quality	Choose photo, quick, or normal copy setting.
6	Scan To	Select a scan destination, such as Application, File, Email, or Fax.
7	Cancel	Cancel a scan or copy job, or return to a menu from a menu item.
8	Lighter/Darker	Make the document lighter or darker than the original.
9	Paper Type	Select glossy, photo, transparency, or plain paper type.
10	Select	Choose the displayed selection.
11	Color Copy	Make a color copy.
12	Black Copy	Make a black and white copy.



#	Press this button:	When you want to:
13	Scan	Press the Scan button after selecting a Scan To destination.
14	Power	Turn the printer on and off.

Using the menus

- 1 Press Menu until you see the menu you want.
- 2 Press Select.
- 3 Press ◀ or ▶ until you see the menu item you want.
- 4 Press Select.

<p>Mono Collate</p> <p>Prints multiple copies of a multi-page document so pages 1 through 5 of copy one print, pages 1 through 5 of copy two print, and so on.</p>	<p>Clone</p> <p>Prints several copies of one image on the same page. Select 4, 9, or 16 images per page.</p>
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<p>Poster</p> <p>Prints an image on multiple pages. Select 2x2 to print a 4 page poster, 3x3 to print a 9 page poster or 4x4 to print a 16 page poster.</p>	<p>Language</p> <ul style="list-style-type: none"> • English • French • German • Spanish • Italian • Dutch • Brazilian Portuguese • Polish 	<p>Copy Source Type</p> <ul style="list-style-type: none"> • Photo • Text • Line Drawing • Mixed
<p>Copy Source Size</p> <ul style="list-style-type: none"> • A4 • Letter • 3" x 5" • 4" x 6" 	<p>Color Intensity</p> <ul style="list-style-type: none"> • Less • More 	<p>Set Defaults</p> <p>Makes the current settings the default.</p>
<p>Factory Defaults</p> <p>Returns the settings to the factory default settings.</p>	<p>Maintenance</p> <ul style="list-style-type: none"> • Change Cartridges • Align Cartridges • Clean Cartridges • Self Test 	<p>Power Saver Timeout</p> <ul style="list-style-type: none"> • Immediate • 10 min • 30 min • 60 min
<p>Copy Count Timeout</p> <ul style="list-style-type: none"> • 2 min • OFF 	<p>Reduce/Enlarge Timeout</p> <ul style="list-style-type: none"> • 2 min • OFF 	<p>Ink Levels</p> <ul style="list-style-type: none"> • Black • Color



Using the Scan & Copy Control Program

When the software is installed on your computer, you can use the Scan & Copy Control Program to customize scan, print, and copy jobs. To open the Scan & Copy Control Program:

- 1 Click Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program.

Select:	To:
The keypad	Set the number of copies to print, from 1 to 99.
Reduce/Enlarge	Scroll and select the size of your output.
Fit to page	Scroll and select the size of your output.
Auto Crop	Crop the image during scanning.
Rotate	Rotate the image 90 degrees clockwise during scanning.
The brightness bar	Adjust how dark or light you want the copy to be.
Color	Make a color scan or copy of a color original.
Gray	Make a black and white scan or copy of a color original.
B/W	Make a black and white scan or copy of a black and white original document.
Text/(OCR)	Scan a document into an application to let you edit the text.



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Select:	To:
Copy	Make a copy of the original document.
Fax	Scan the image or document and send it to a fax machine.
Email	Scan the image or document and attach it to a new e-mail message.
Send to Application	Scan the image or document into the selected image editor or word processor application.
Scan to File	Scan the image or document and save it as an image or text file.

To make additional changes to your documents before copying, printing, or scanning:

- 2 Click File ▶ Setup.

Select this tab:	When you want to:
Image	Adjust the properties of the scanned image.
Scan	Change how or where images are scanned.
Page	Set the scan frame position and size.
Copy/Fax	Set Printer Properties or choose your fax driver.
Email	Change settings related to e-mail operations.



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Select this tab:	When you want to:
Application	Choose and configure any application on your computer for the Send to Application button.
OCR	Select the language you want the Optical Character Recognition (OCR) to use.
Descreen/Sharpen	<ul style="list-style-type: none"> Remove a halftone pattern in the background of a scanned image. Enable and set the sharpen level.

Using the Print Control Program

The Control Program lets you monitor the printer and install or replace cartridges. To open the Control Program, click Start ▶ Programs ▶ Lexmark X83 ▶ Print Control Program.

Windows 98/Me

Click this tab:	When you want to:
Status	<ul style="list-style-type: none"> Monitor the status of your print job. Cancel your print job.
Options	Enable or disable various software functions, such as Sound Effects and Buffer Mode.



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Click this tab:	When you want to:
Cartridges	<ul style="list-style-type: none"> • View your ink levels. • Install or replace cartridges. • Clean the nozzles. • Print a test page. • Align cartridges for best quality. • View cartridge part numbers and order supplies directly from the Lexmark Web site.

Windows 2000

Click this tab:	When you want to:
Status	<ul style="list-style-type: none"> • Monitor the status of your print job. • Cancel your print job.



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Click this tab:	When you want to:
Cartridges	<ul style="list-style-type: none"> • View your ink levels. • Align cartridges for best quality. • Clean the nozzles. • Print a test page. • View cartridge part numbers and order supplies directly from the Lexmark Web site.
Options	<ul style="list-style-type: none"> • Control how and when the Control Program displays. • Disable the printer shortcut.

Loading the paper

- 1 Place the paper against the right side of the paper support with the print side facing you.



Note: Do not force the paper into the printer.

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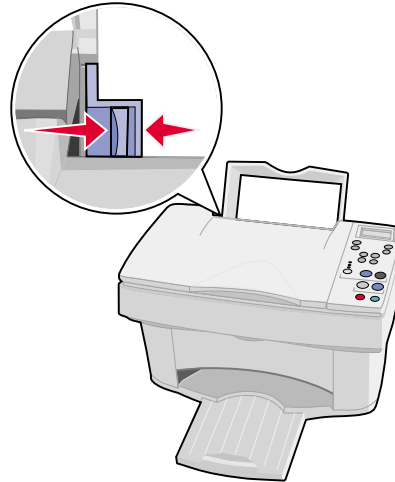
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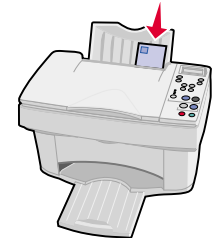
- 2 Squeeze the release tab and slide the paper guide to the right until it rests against the edge of the paper.



Loading specialty paper

Follow these guidelines when loading specialty paper:

Load up to:	And make sure:
100 sheets of inkjet paper (depending on thickness)	<ul style="list-style-type: none"> • The print side is facing you. • The paper is against the right side of the paper support.
10 envelopes	<ul style="list-style-type: none"> • The print side is facing you. • The envelopes are loaded vertically against the right side of the paper support. • The stamp location is in the upper left corner. • The paper guide rests against the edge of the envelopes.
10 greeting cards, index cards, postcards, or photo cards	<ul style="list-style-type: none"> • The print side is facing you. • The cards are loaded vertically against the right side of the paper support. • The paper guide rests against the edge of the cards.
25 sheets of photo paper	<ul style="list-style-type: none"> • The glossy or coated side is facing you. • The paper guide rests against the edge of the photo paper.



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Load up to:	And make sure:
10 transparencies	<ul style="list-style-type: none"> • The rough sides of the transparencies are facing you. • The paper guide rests against the edge of the transparencies.
100 sheets of custom size paper	<ul style="list-style-type: none"> • The print side is facing you. • Your paper size fits within these dimensions: <ul style="list-style-type: none"> – Width: <ul style="list-style-type: none"> – 76 mm to 216 mm – 3.0 in. to 8.5 in. – Length: <ul style="list-style-type: none"> – 127 mm to 432 mm – 5.0 in. to 17.0 in. • The paper guide rests against the edge of the paper.
25 iron-on transfers	<ul style="list-style-type: none"> • You follow the loading instructions on the iron-on packaging. • The print side (blank side) is facing you. • The paper guide rests against the edge of the iron-on transfers.



Replacing the cartridges

The Lexmark X83 uses the following cartridges:

Black	12A1970
Color	15M0120
High Yield Black	12A1975
High Yield Color	15M0125

- 1 Make sure the printer is on.
- 2 Open the cartridge door.



The cartridge carrier moves to the loading position, unless the printer is busy.

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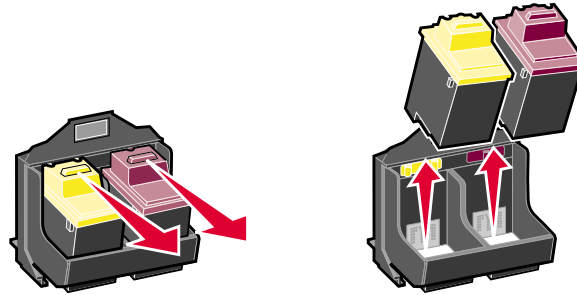
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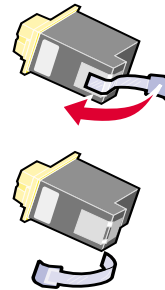
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- 3 Pull the old cartridge toward you, and then lift it out. Store it in an air-tight container or dispose of it.



- 4 Install the new or replacement cartridge.

- a If you are installing a new cartridge, remove **only** the sticker and transparent tape on the bottom of the cartridge.



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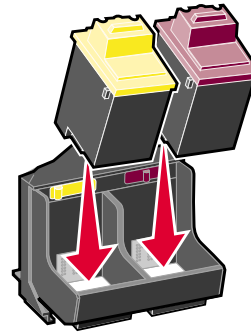
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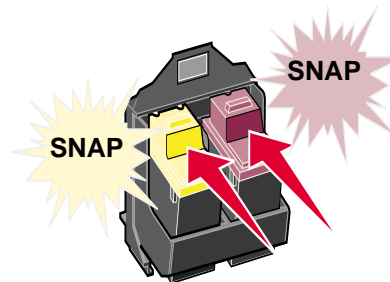
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b Insert the cartridge into the carrier.



c Push back firmly on the cartridge until it **snaps** securely into place.



Warning: Do **not** touch the gold contact area of the cartridge.

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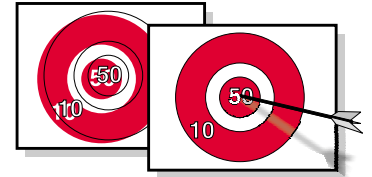
- 5 Close the cartridge door.
- 6 From the operator panel, select the cartridge type you installed.
- 7 Use the ◀ or ▶ to scroll through the choices.
- 8 Press Select.

Note: If you installed a new cartridge, an alignment page prints. Use the arrow buttons on the operator panel to choose the pattern and select the pattern numbers that come closest to forming a straight line. For instructions, see the next section.

Aligning the cartridges

To improve the print quality, you may need to align the cartridges. You can align cartridges using the operator panel or the Control Program. For help using the Control Program, see page 10. To use the operator panel:

- 1 Press Menu until Maintenance appears on the display.
- 2 Use ◀ or ▶ until Align Cartridges appears on the display.
- 3 Press Select.



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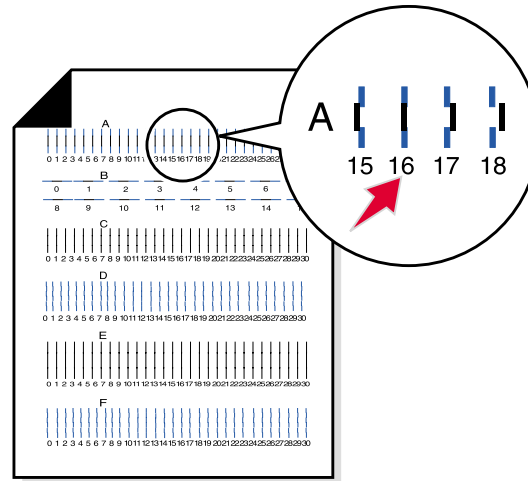
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- An alignment page prints with several patterns. A number appears under each pattern. The test pattern that prints is similar to the one shown:



- For each alignment group on the test page, find the number that comes closest to forming a straight line.
- Use ◀ or ▶ and scroll to the number you selected on the test page.
- Press Select.

Preserving the cartridges

To ensure the longest life from your print cartridge and optimum performance from your printer:

- Keep a new print cartridge in its packaging until you are ready to install it.
- Do not remove a print cartridge from the printer except to replace, clean, or store it in an air-tight container. The print cartridge does not print correctly if removed from the printer and left exposed for an extended period of time.
- If a print cartridge runs out of ink, leave the empty cartridge in the printer until you are ready to replace it. Printing with only one of the print cartridges in the printer may cause printer problems.

Lexmark's printer warranty does not cover repair of failures or damage caused by a refilled cartridge. Lexmark does not recommend use of refilled cartridges. Refilling cartridges can affect print quality and cause damage to the printer. For best results, use Lexmark supplies.



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Copying

The following section includes information about:

- **Copying instructions**
- **Customizing copy settings**
- **Using special copy features**
- **Creating projects**



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Copying instructions

Using the operator panel:	Using the computer:
<ol style="list-style-type: none"> 1 Make sure the printer is on. 2 Open the top cover. 3 Place the document face down on the scanner bed in the bottom, right corner. 4 Close the top cover. 5 Press Color Copy or Black Copy. 	<ol style="list-style-type: none"> 1 Make sure the printer and the computer are turned on. 2 Open the top cover. 3 Place the document face down on the scanner bed in the bottom, right corner. 4 Close the top cover. 5 Click Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program. 6 Select the number of copies. 7 Click the option button that matches the desired color of your copy. 8 Click the Copy button.



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Customizing copy settings

You can make additional changes to your document before copying.

- 1 Click Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program.
- 2 Click File ▶ Setup.
- 3 Select the Copy/Fax tab.
- 4 Customize the settings.
- 5 Click OK to copy.



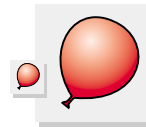
Using special copy features

- 1 Click Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program.
- 2 From the Fit to Page area, scroll and select Poster, Clone, or Autofit.
- 3 Click the Paper Type/Print Quality button and select the Paper tab to choose the collate feature.

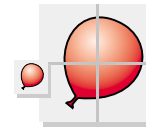
Poster

Prints an image on multiple pages.

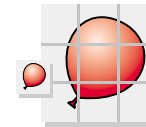
Original



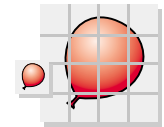
2 x 2



3 x 3

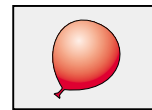


4 x 4

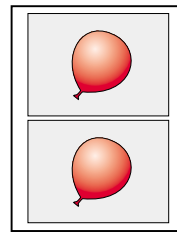


Clone

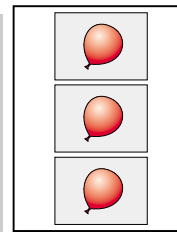
Prints several copies of one image on the same page.



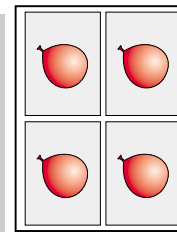
2 images



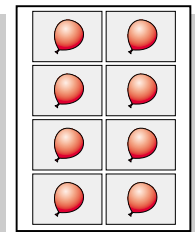
3 images



4 images



8 images



You can also create a poster without using the computer. See page 28.

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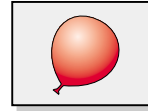
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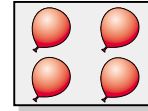
Clone from the operator panel

Prints several copies of one image on the same page.

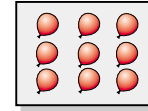
Original



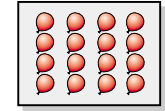
4 images



9 images



16 images



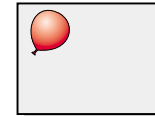
You can also clone an image without using the computer. See page 31.

Note: Windows 2000 customers can use the poster and clone features from the operator panel only. For help, see page 6.

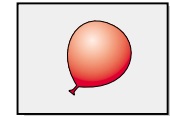
Autofit

Enlarges an image to fit a full page.

Original



Fit to page



Collate

Prints multiple copies of a multi-page document so pages 1 through 3 of copy one print, pages 1 through 3 of copy two print, and so on.



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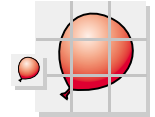
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Printing posters

Using the operator panel:	Using the computer:
<ol style="list-style-type: none"> 1 Make sure the printer is on. 2 Open the top cover. 3 Place the document face down on the scanner bed in the bottom, right corner. 4 Close the top cover. 5 Press the Menu button until Poster appears on the display. 6 Press Select. 7 Use ◀ or ▶ until the desired size (2 x 2, 3 x 3, or 4 x 4) appears on the display. 8 Press Select. 9 Press Color Copy or Black Copy. 	<ol style="list-style-type: none"> 1 Make sure the printer and the computer are turned on. 2 Open the top cover. 3 Place the document face down on the scanner bed in the bottom, right corner. 4 Close the top cover. 5 Click Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program. 6 Select the color button of your choice. 7 Select Poster from the Fit to Page area. 8 Select the size you want your poster to be (2 x 2, 3 x 3, or 4 x 4) and click OK. 9 Click the Copy button.



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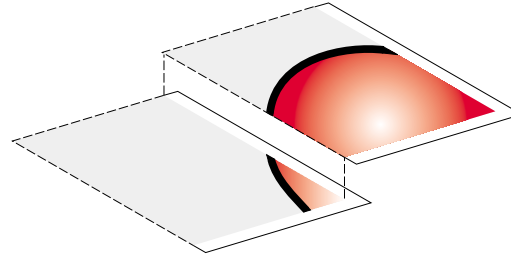
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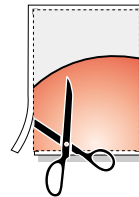
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Assembling posters

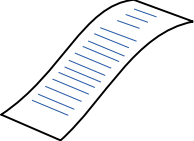
- 1 On each printed page, trim the white edges from two adjacent sides.
For example, trim the white edges from the top and left sides of each page.



- 2 Arrange the pages so that every trimmed edge overlaps an untrimmed edge (the white edge).
- 3 Tape the back of the pages together.
- 4 To complete your poster, trim any remaining white edges.



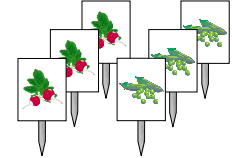
Copying receipts

Using the operator panel:	Using the computer:
<ol style="list-style-type: none"> 1 Make sure the printer is on. 2 Open the top cover. 3 Place the receipt face down on the scanner bed in the bottom, right corner. 4 Close the top cover. 5 Press Black Copy. 	<ol style="list-style-type: none"> 1 Make sure the printer and the computer are turned on. 2 Open the top cover. 3 Place the receipt face down on the scanner bed in the bottom, right corner. 4 Close the top cover. 5 Click Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program. 6 Click Copy. 

Note: If you have lightly printed receipts, you can use the lighter/darker option of the operator panel or the Scan & Copy Control Program.

Cloning seed packets to label garden rows

Using the operator panel:	Using the computer:
<ol style="list-style-type: none"> 1 Make sure the printer is on. 2 Open the top cover. 3 Place the seed packet face down on the scanner bed in the bottom, right corner. 4 Close the top cover. 5 Press the Menu button until Clone appears on the display and press Select. 6 Use ◀ or ▶ until the desired number of images (4, 9, or 16) appears on the display. 7 Press Select. 8 Press Color Copy or Black Copy. 	<ol style="list-style-type: none"> 1 Make sure the printer and the computer are turned on. 2 Open the top cover. 3 Place the seed packet face down on the scanner bed in the bottom, right corner. 4 Close the top cover. 5 Click Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program. 6 From the Fit to Page area, select Clone. 7 Select 2, 3, 4, or 8 images. 8 Select the Color, Gray, or B/W button. 9 Click the Copy Button.

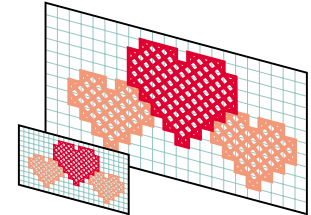


Cut out each image and attach to an object that can be inserted into the ground.

Note: If you plan on using the images outdoors, you may want to laminate them.

Enlarging patterns

Using the operator panel:	Using the computer:
<ol style="list-style-type: none"> 1 Make sure the printer is on. 2 Open the top cover. 3 Place the pattern face down on the scanner bed in the bottom, right corner. 4 Close the top cover. 5 Press Reduce/Enlarge until the desired size or Custom appears on the display. 6 Press Select. 7 If you selected Custom, use ◀ or ▶ until the desired percentage appears on the display. 8 Press Select. 9 Press Color Copy or Black Copy. 	<ol style="list-style-type: none"> 1 Make sure the printer and the computer are turned on. 2 Open the top cover. 3 Place the pattern face down on the scanner bed in the bottom, right corner. 4 Close the top cover. 5 Click Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program. 6 From the Reduce/Enlarge area, select the desired percentage. 7 Select the Color, Gray, or B/W button. 8 Click the Copy Button.



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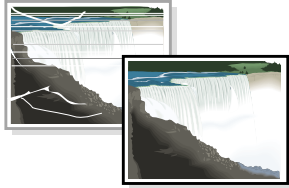
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Restoring old photos

Using the operator panel:	Using the computer:
<ol style="list-style-type: none"> 1 Make sure the printer is on. 2 Open the top cover. 3 Place the photo face down on the scanner bed in the bottom, right corner. 4 Close the top cover. 5 Press the Menu button until Paper Type appears on the display. 6 Press Select. 7 Use ◀ or ▶ until the paper type you have selected appears on the display and press Select. 8 Select Max Photo Quality. 9 Press Color Copy. 	<ol style="list-style-type: none"> 1 Make sure the printer and the computer are turned on. 2 Open the top cover. 3 Place the photo face down on the scanner bed in the bottom, right corner. 4 Close the top cover. 5 Click Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program. 6 From the Reduce/Enlarge or Fit to page area, select the desired size of your photo. 7 Select the Color button. 8 Click the Copy button. 

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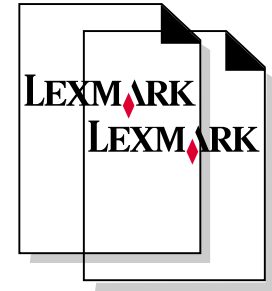
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Creating transparencies

You can create transparencies for an important presentation in black and white or in color.

- 1 Print your presentation on plain paper.
- 2 Load the transparencies in the printer.
- 3 Place your document face down on the scanner bed in the bottom, right corner.
- 4 Press Color Copy to make a transparency in color. Press Black Copy to make a transparency in black.



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Printing

The following section includes information about:

- **Printing instructions**
- **Customizing print settings**
- **Creating projects**



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Printing instructions

- 1 From the application File menu, select Print.
- 2 From the Print dialog box, click OK.

If you are using Windows 98/Me, click Printer Properties to customize your print job.

If you are using Windows 2000, click Printing Preferences to customize your print job.
For help, see page 39.

Customizing print settings

The software includes several applications that let you perform printing tasks. Printer Properties or Printing Preferences lets you make changes to the print settings.

Opening Printer Properties or Printing Preferences from an application

Open Printer Properties or Printing Preferences from an application to change printer settings **only** for the documents in the application you are currently creating.

- 1 Open the application File menu.
- 2 Choose Print (or Printer) Setup.



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3 In the Printer Setup dialog box, click Properties, Options, or Setup (depending on the application.)

Printer Properties for Windows 98/Me has four tabs: Job Finishing, Paper, Document/Quality, and Advanced. Each tab has settings for operating the printer and its software.

Click this tab:	When you want to:
Job Finishing	Print <ul style="list-style-type: none"> • Handouts. • Posters. • Booklets. • Two-sided documents.
Paper	<ul style="list-style-type: none"> • Select a paper size and orientation. • Set the number of copies to print. • Reverse the printing order of your document pages. The first page will be on top of the stack in the paper exit tray. • Collate your document.



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Click this tab:	When you want to:
Document/Quality	Select <ul style="list-style-type: none"> • A color setting. • A type of paper. • A print quality setting. • Web Smoothing to print clearer images from the Internet. • The Allow pages to dry option. • The default settings.
Advanced	Adjust <ul style="list-style-type: none"> • Halftone settings. • Image settings.

Note: Click the Help button on any tab in the Printer Properties to access the printer driver Help.



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Printing Preferences for Windows 2000 has five tabs: General, Options, Page Setup, Color, and Features. Each tab has settings for operating the printer and its software.

Click this tab:	When you want to:
General	Select <ul style="list-style-type: none"> • A printer. • Which pages to print. • The number of copies.
Options	Print <ul style="list-style-type: none"> • Frames. • All linked documents. • A table of links.



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Click this tab:	When you want to:
Page Setup	Select <ul style="list-style-type: none">• A paper size.• A media type.• A print quality.• A paper orientation.• The Reverse Order Printing option.• The number of copies to print.• The Collate Copies option.
Color	Select <ul style="list-style-type: none">• The color.• The shading.• A color appearance.• The brightness and contrast.



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Click this tab:	When you want to:
Features	Select <ul style="list-style-type: none"> • The Dry Time Delay option. • The Two-Sided Printing option. • The binding option. • The Print Instruction Sheet option.

Note: Click the Help button on any tab in the Printer Preferences to access the printer driver Help.

Opening Printer Properties or Printing Preferences from Windows

Opening Printer Properties or Printing Preferences from Windows lets you apply the settings to **all** documents.

- 1 Select Start ▶ Settings ▶ Printers.
- 2 From the Printers folder, right-click the printer icon for the printer.
- 3 Select Properties or Printing Preferences from the sidebar menu.



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Printer Properties for Windows 98/Me has seven tabs: Job Finishing, Paper, Document/Quality, Advanced, General, Details, and Color Management. Each tab has settings for operating the printer and its software.

Click this tab:	When you want to:
Job Finishing	Print <ul style="list-style-type: none"> • Handouts. • Posters. • Booklets. • Two-sided documents.
Paper	<ul style="list-style-type: none"> • Select a paper size and orientation. • Set the number of copies to print. • Reverse the printing order of your document pages. The first page will be on top of the stack in the paper exit tray. • Collate your document.



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Click this tab:	When you want to:
Document/Quality	Select <ul style="list-style-type: none">• A color setting.• A type of paper.• A print quality setting.• Web Smoothing to print clearer images from the Internet.• Allow pages to dry.• The default settings.
Advanced	Adjust <ul style="list-style-type: none">• Halftone settings.• Image settings.
General	<ul style="list-style-type: none">• Add a comment.• Insert a separator page.• Print a test page.



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Click this tab:	When you want to:
Details	<ul style="list-style-type: none">• Add or delete printer ports or drivers.• Select a printer driver.• Capture printer ports.• Set timeout settings.• Customize spool and port settings.
Color Management	Set color profiles for the printer.

Note: Click the Help button on any tab in the Printer Properties to access the printer driver Help.



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Printing Preferences for Windows 2000 has three tabs: Page Setup, Color, and Features. Each tab has settings for operating the printer and its software.

Click this tab:	When you want to:
Page Setup	Select <ul style="list-style-type: none"> • A paper size. • A media type. • A print quality. • A paper orientation. • The Reverse Order Printing option. • The number of copies to print. • The Collate Copies option.
Color	Select <ul style="list-style-type: none"> • The document color. • The shading. • A color appearance. • The brightness and contrast.



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Click this tab:	When you want to:
Features	Select <ul style="list-style-type: none"> • The Dry Time Delay option. • The Two-Sided Printing option. • The binding option. • The Print Instruction Sheet option.

Note: Click the Help button on any tab in the Printer Preferences to access the printer driver Help.



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Customizing print settings for specialty paper

When you install the software, the default settings are assigned to Printer Properties. Use the default settings for printing most documents on inkjet paper. To change printer settings for specialty paper, use the following table:

When you are printing on:	Click this Printer Properties tab:	To make these selections:
Envelopes	Paper	<ol style="list-style-type: none"> 1 From the Paper Size area, scroll to select the appropriate envelope size. 2 Select Landscape Orientation. <p>Note: Your application may override the envelope settings in Printer Properties.</p> 
Greeting cards, index cards, postcards, or photo cards	Paper	Select the appropriate Paper Size setting.
	Document/Quality	From the Paper Type area, select Greeting Card Stock.



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When you are printing on:	Click this Printer Properties tab:	To make these selections:
Iron-on transfers	Document/Quality	From the Paper Type area, select Iron-On Transfer. Note: We recommend printing on plain paper before printing it on an iron-on transfer.
Custom size paper	Paper	1 From the list of Paper Sizes, scroll to select Custom. 2 Enter the dimensions of your custom paper size.
Photo paper	Document/Quality	From the Paper Type area, select Glossy/Photo Paper. Note: When printing photos, remove each photo as it exits the printer and let it dry before stacking.
Transparencies	Document/Quality	From the Paper Type area, select Transparency. Select Normal Print Quality Note: When printing transparencies, remove each transparency as it exits the printer and let it dry before stacking.



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Two-sided printing

Besides saving paper, this feature is helpful when you want to print booklets.

- 1 Customize Printer Properties for a two-sided document.
 - a Open Printer Properties. For help, see page 36.
 - b Click the Paper tab to select the page size and orientation.
 - c Click the Job Finishing tab to select Two-sided printing.
 - d Select a binding edge.
 - e To print paper reloading instructions, select the option on the screen that prints reloading instructions.
 - f Click OK.
- 2 From the application File menu, select Print.
- 3 After the first side of your two-sided document prints, the software prompts you to reload the paper.



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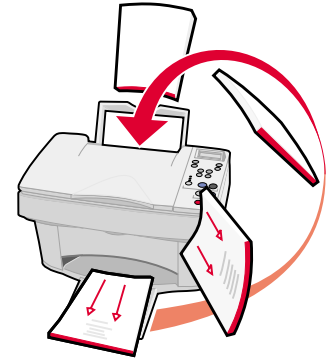
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- 4 Follow the instructions on the computer screen or the printed instruction page.
- 5 Click OK.

To return to single-sided printing:

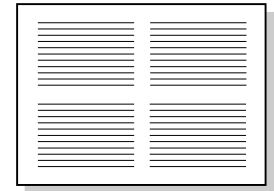
- 1 From Printer Properties, click the Job Finishing tab.
- 2 Clear the Two-sided printing check box.
- 3 Click OK.



Printing a handout

You can conserve paper by printing handouts or multiple page images on a single sheet of paper.

- 1 Customize Printer Properties for handouts.
 - a Open Printer Properties. For help, see page 36.
 - b Click the Paper tab to select the page orientation and document size.
 - c Click the Job Finishing tab and select:
 - Handout



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- Number of Prints
- Print Page Borders, if desired

d To print your handout on one side of the paper, click OK.

To print your handout on both sides of the paper:

- Select Two-sided printing. For help, see page 49.
- Click Long Edge Binding or Short Edge Binding.
- Click OK.

2 Print your handouts.

a From the application File menu, select Print.

b From the Print dialog box, click OK.

- If you format your handouts to print on one side of each page, return to normal printing.
- If you format your handouts for two-sided printing, continue printing the second side of your handouts. For help, see page 49.

To return to normal printing:

- 1 From the Job Finishing tab, select Normal.
- 2 Click OK.



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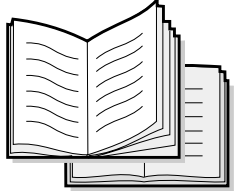
Printing a booklet

You can print and bundle your document to make a booklet.

- 1 Customize Printer Properties for booklets.
 - a Select Portrait.
 - b Select a paper size. Choices include Statement, Letter, A4, or A5.
 - c Open Printer Properties. For help, see page 36.
 - d Click the Job Finishing tab.
 - e Select Booklet.
 - f Select the number of Sheets Per Bundle.

Note: A bundle is any number of sheets of paper folded together. When printing with a heavier paper stock, select a smaller number of Sheets per Bundle.

- g Select the option on the screen that prints reloading instructions.
 - h Click OK.
- 2 Print, and then assemble your booklet.



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- a From the application File menu, select Print.
- b From the Print dialog box, click OK. The first side of your document prints.
- c After the first side of your booklet is finished printing, the software prompts you to reload the paper.

Note: For help reloading and printing two-sided documents, see page 49.

- d Click OK.

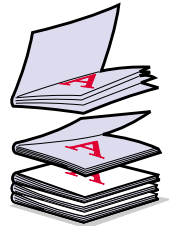
Note: To return to normal printing, see page 50.

- e Assemble your booklet.

Assembling a booklet

Once your document prints, stack the bundles and bind the booklet.

- 1 Take the first bundle from the paper exit tray, fold it in half, and set it aside.
- 2 Fold and stack the rest of your bundles, one on top of the other, until your booklet is complete.
- 3 Bind the bundles.



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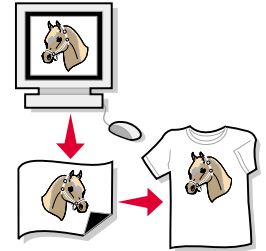
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Customizing T-shirts

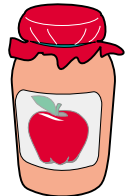
- 1 Load iron-on transfer paper with the blank side facing you.
- 2 Open the image editor program supplied with the printer.
- 3 Create or select the image of your choice (scanned photo, clip art, scanned images) in an image editor program.
- 4 Select the mirror option.
- 5 Print your image.
- 6 Follow the instructions of the iron-on transfer packaging.



Note: You can also personalize pillowcases, tote bags or other items suitable for iron-on transfers.

Creating labels

- 1 Load a sheet of labels.
- 2 Create or select the image of your choice (scanned photo, clip art, scanned images) in an image editor program.
- 3 Personalize your labels.
- 4 Print your labels.



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Creating awards and certificates

- 1 Create awards or certificates in a word processing or image editor program.
- 2 Center and enlarge the text for the heading.
- 3 Reduce the font and customize your award or certificate for the specified occasion.
- 4 Use clip art or create your own graphics, if desired.
- 5 From the application File menu, select Print.
- 6 Select Properties.
- 7 From the Document Quality tab, select the Document Type, Paper Type, and Print Quality for your document.
- 8 From the Paper tab, select the Paper Size and orientation for your document.
- 9 Click OK.
- 10 Click OK.



Note: You may want to print your award or certificate on card stock.



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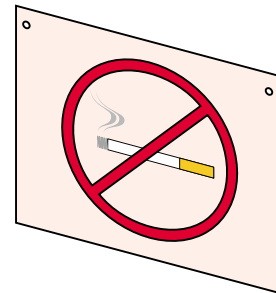
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Creating signs

- 1 Create a sign in a word processing or image editor program.
- 2 Create or select graphics of your choice.
- 3 From the application File menu, select Print.
- 4 Select Properties.
- 5 From the Document Quality tab, select the Document Type, Paper Type, and Print Quality for your document.
- 6 From the Paper tab, select the Paper Size and orientation for your document.
- 7 Click OK.
- 8 Click OK.



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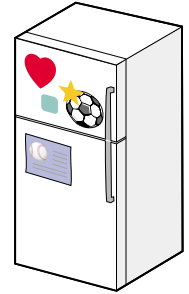
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Creating refrigerator magnets

- 1 Load magnetic paper.
- 2 Create or select the image of your choice (scanned photo, clip art, scanned images, or objects) in an image editor program.
- 3 From the application File menu, select Print.
- 4 Click the Printer Properties button.
- 5 Customize the settings.
- 6 Click Print.



Personalizing objects

- 1 Select an object to cover.
- 2 Create or select the image of your choice (scanned photo, clip art, scanned images) in an image editor program.
- 3 Print the image.
- 4 Fit the image to the specified object, cutting away any excess.
- 5 Attach the image to the specified object.



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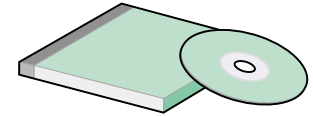
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Creating CD covers

- 1 Create or select an image for your CD cover.
- 2 Add text to personalize the cover.
- 3 From the application File menu, select Print.
- 4 Select Properties.
- 5 From the Document Quality tab, select the Document Type, Paper Type, and Print Quality for your document.
- 6 From the Paper tab, select the Paper Type and Paper Size for your document.
- 7 Click OK.
- 8 Click OK.
- 9 Cut the paper to fit into your CD case.



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Scanning

The following section includes information about:

- **Scanning instructions**
- **Customizing scan options**
- **Using special scan features**
- **Creating projects**



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Scanning instructions

Using the operator panel:	Using the computer:
<ol style="list-style-type: none"> 1 Make sure the printer and the computer are turned on. 2 Open the top cover. 3 Place the document face down on the scanner bed in the bottom, right corner. 4 Close the top cover. 5 Press Scan To until you see the category on the display that matches your scan destination (Application, File, E-mail, or Fax). 6 Press Scan. <ul style="list-style-type: none"> – A screen appears for you to select the destination of your scan. 	 <ol style="list-style-type: none"> 1 Make sure the printer and the computer are turned on. 2 Open the top cover. 3 Place the document face down on the scanner bed in the bottom, right corner. 4 Close the top cover. 5 Click: Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program. 6 Click the button that matches your scan destination (Send to Application, Scan to File, E-mail, or Fax). 7 If you select Send to Application, scroll and select an application to scan to. 8 Select the type of file to scan to. 9 Click Send.



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Customizing scan options

Customize scan settings using the operator panel or the Scan & Copy Control Program. For help using the operator panel, see page 5. For help using the Scan & Copy Control Program, see page 8.

You can make additional changes to your document before scanning.

- 1 Click Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program.
- 2 Click File ▶ Setup.
- 3 Select the Scan tab.
- 4 Customize the settings.
- 5 Click OK.

Using special scan features

- **Scanning a photo to an e-mail**
- **Scanning a photo to a file**
- **Scanning to Text/(OCR)**
- **Scanning to an application**
- **Scanning to the clipboard of your Windows system**



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Scanning a photo to an e-mail

- 1 Open the top cover.
- 2 Place your photo face down on the scanner bed in the bottom, right corner.
- 3 Close the top cover.
- 4 Press Scan To until you see E-mail on the display.
- 5 Press Scan.
- 6 Enter an e-mail address on your screen.
- 7 Click Send.

Scanning a photo to a file

- 1 Open the top cover.
- 2 Place your photo face down on the scanner bed in the bottom, right corner.
- 3 Close the cover.
- 4 Click Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program.
- 5 Click File ▶ Setup ▶ Scan tab to customize the settings.
- 6 Click the Scan To File button.



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- 7 Press Scan.
- 8 From the file list, select the file destination of your scan.
- 9 Click Save.

Scanning to Text/(OCR)

Using the Text/OCR (Optical Character Recognition) option lets you scan in an image of text which can be modified in word processor applications.

- 1 Open the top cover.
- 2 Place the document face down on the scanner bed in the bottom, right corner.
- 3 Close the cover.
- 4 Click Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program.
- 5 Select the Text/(OCR) button.
- 6 Click the Scan button that matches the destination of your scan.
- 7 Select the software application you want to scan to.
- 8 Click Send.

You can now edit the document in the word processor application.



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Scanning to an application

- 1 Open the top cover.
- 2 Place your photo face down on the scanner bed in the bottom, right corner.
- 3 Close the cover.
- 4 Click Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program.
- 5 Click the Send to Application button.
- 6 From the application list, select the application you want to scan to.
- 7 From the file type list, select the file type.
- 8 Click Send.

Scanning to the clipboard of your Windows system

- 1 Open the top cover.
- 2 Place your photo face down on the scanner bed in the bottom, right corner.
- 3 Close the cover.
- 4 Click Start ▶ Programs ▶ Lexmark X83 ▶ Scan & Copy Control Program.
- 5 Click the Send to Application button.



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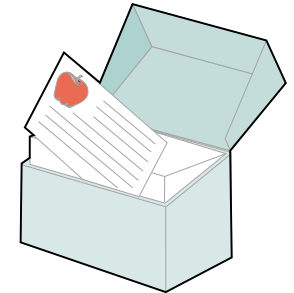
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- 6 Select Clipboard.
- 7 From the file type list, select the file type.
- 8 Click Send.

Creating projects

Creating personalized recipe cards

- 1 Load index cards or custom size paper.
- 2 Select the recipe from a cookbook, magazine or other source.
- 3 Place your recipe face down on the scanner bed in the bottom, right corner.
- 4 From the Scan & Copy Control Program, select a size from the Fit to page area.
- 5 Customize the settings.
- 6 Click the Copy button.



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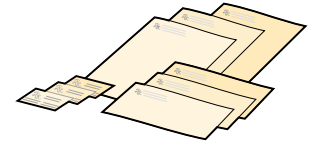
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Personalizing business cards, letterheads, and envelopes

- 1 Load the business cards, plain paper, or envelopes.
- 2 Scan your company logo into an image editor program.
- 3 Type in your business name and address.
- 4 From the application File menu, select Print.
- 5 Select Properties.
- 6 From the Document Quality tab, select the Document Type, Paper Type, and Print Quality for your document.
- 7 From the Paper tab, select the Paper Size and orientation for your document.
- 8 Click OK.
- 9 Click OK.



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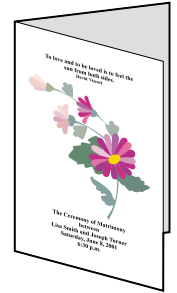
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Printing a wedding program

- 1 Place a fresh flower or other object on the scanner bed.
- 2 Cover the flower with a sheet of paper.
- 3 Scan the flower or object into an image editor program.
- 4 Personalize your wedding program with text.

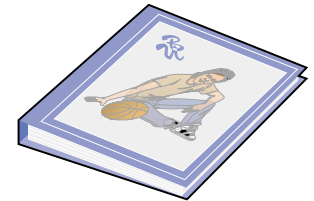
Note: To print your wedding program as a booklet, see page 52.

- 5 Print your wedding program.



Printing scrapbook pages

- 1 Scan a photograph into an image editor program.
- 2 Customize the photograph.
- 3 Use the text tool to create a title for your page.
- 4 Print your scrapbook page.



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When the printer has a problem, first make sure:

- The power supply is plugged into the printer and an electrical outlet.
- The printer is turned on.
- The sticker and transparent tape are removed from the bottom of the cartridge.
- The USB cable is securely attached to the computer and printer.
- The paper is loaded correctly.
- The printer is set as the default printer.
- The computer is turned on.

Categories

- **Document does not print**
- **Document prints slowly**
- **Document misfeeds or jams**
- **Document prints poorly**
- **Problems with specialty paper**
- **Error messages**



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Document does not print

- Make sure the printer is not being held or paused.
- Make sure the cartridges are properly installed. For help, see page 18.
- Use an undamaged USB cable.

To check printer status:

- 1 Click Start ▶ Settings ▶ Printers.
- 2 Double-click the Lexmark X83 printer icon.
- 3 Make sure no check mark appears next to the Pause Printing option.
- 4 Print a test page.
- 5 Check the software application.

Document prints slowly

- Close applications not in use.
- Select Normal or Quick on the Document/Quality tab of Printer Properties, Printing Preferences, or the Scan & Copy Control Program. For help, see page 36.



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- Consider purchasing more Random Access Memory (RAM) for your computer.

Note: Photos or documents containing graphics may take longer to print than regular text.

Document misfeeds or jams



Paper misfeeds or multiple sheets feed

Make sure:

- You use a paper recommended for inkjet printers.
- You do not force the paper into the printer.
- You do not load too much paper in the printer. For help, see page 13.
- You load the paper correctly.
- The paper guide rests against the left edge of the paper and does not cause the paper to bow in the paper support.
- The printer is on a flat, level surface.
- You select the correct paper type and size in Printer Properties, Printing Preferences, or in the Scan & Copy Control Program.



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Paper jams

Remove the paper from the printer. If the paper is lodged too far into the printer and cannot be removed:

- 1** Press the Power button to turn the printer off.
- 2** Pull firmly on the paper to remove it.
If you cannot reach the paper because it is too far into the printer
 - a** Open the cartridge door and pull the paper out.
 - b** Close the cartridge door.
- 3** Press the Power button to turn the printer on, and then send your document to print.



Document prints poorly

Vertical, straight lines are not smooth

To improve the print quality of vertical, straight lines in tables, borders, and graphs:

- Select Photo or Max Photo Quality from the Document/Quality tab of Printer Properties, Printing Preferences, or the Scan & Copy Control Program. For help, see page 36.
- Test the cartridge alignment. For help, see page 20.
- Clean the nozzles. For help, see page 75.



Characters are missing or unexpected

Make sure the scanner bed is clean.

- 1 Dampen a clean lint-free cloth.
- 2 Gently wipe the glass scanner bed.

Note: Make sure all ink or corrective fluid on the document is dry before placing the document on the glass scanner bed.



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Print is too dark or smudged

Make sure:

- You let the ink dry before handling the paper.
- You select the correct paper type and size in Printer Properties, Printing Preferences, or in the Scan & Copy Control Program.
- The paper is straight and unwrinkled.
- You select the appropriate Quality for the paper type. If you are printing on regular paper, select the Quick setting from the Document/Quality tab of Printer Properties, Printing Preferences, or from the Scan & Copy Control Program. For help, see page 36.
- The nozzles are clean. For help, see page 75.

Printed pages have alternating bands of light and dark print (intermittent printing)

- Make sure Enable Buffer Mode is selected on the Options tab of the Control Program. For help, see page 10.
- Select Photo or Max Photo Quality on the Document/Quality tab of Printer Properties or Printing Preferences. For help, see page 36.



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Print quality is poor at the edges of the page

Like other printers, the printer cannot print in the extreme left, right, top or bottom edges of a page. Use these minimum settings:

- Left and right margins:
 - 6.35 mm (0.25 in.) each for all paper sizes except A4
 - 3.37 mm (0.133 in.) each for A4 size paper
- Top margin:
 - 1.7 mm (0.067 in.)
- Bottom margin:
 - 16.51 mm (0.65 in.)

Colors are faded or not printing correctly

- Check the ink level graphic on the Cartridges tab of the Printing Control Program. An ink cartridge may be out of or low on ink. For help, see page 10.
- Use a different color setting.
- Select Printer Properties or Printing Preferences ▶ Document/Quality ▶ Natural Color For help, see page 36.
- Use a different brand of paper. Every paper brand accepts ink differently and prints with slight color variations.



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- Clean the nozzles. For help, see the next section.
- Wipe the nozzles. For help, see page 77.

Cleaning the cartridge nozzles

To improve quality, you may need to clean the nozzles. You can use the operator panel or the Control Program to clean the nozzles. For help using the Control Program, see page 10. To use the operator panel:

- 1 Press Menu.
- 2 Press ◀ or ▶ and scroll until Maintenance appears on the display.
- 3 Press Select.
- 4 Press ◀ or ▶ and scroll until Clean Nozzles appears on the display.
- 5 Press Select.



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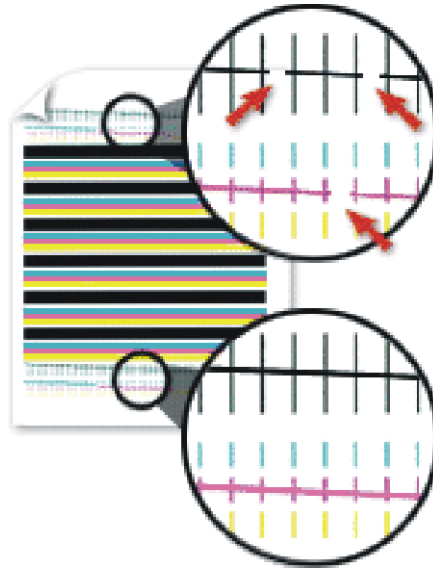
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The printer feeds a sheet of paper and prints a nozzle test pattern similar to the one shown.



Compare the diagonal lines above the printed bars to the diagonal lines below the printed bars. Look for a break in the diagonal lines above the printed bars. Broken lines indicate clogged nozzles. Look for continuity in the diagonal lines below the printed bars. Unbroken lines indicate clean nozzles.

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If the bottom lines have breaks, run the test up to two more times looking for unbroken lines.

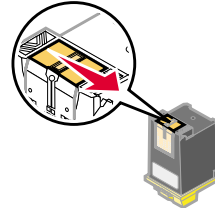
If the quality of both lines is not satisfactory after running the test three times, wipe the cartridge nozzles. For help, see the next section.

Wiping nozzles

If quality does not improve after cleaning the nozzles, there may be dried ink on the cartridge nozzles or the cartridge contacts.

To wipe the cartridge nozzles and contacts:

- 1 Remove the cartridge from the printer. For help, see page 18.
- 2 Dampen a clean, lint-free cloth with water and gently wipe the gold nozzle area.



Warning: Wipe the nozzles in one direction so the colors do not mix.



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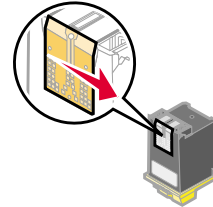
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- 3 To dissolve dried ink, hold the damp cloth against the nozzles for about three seconds. Gently blot and wipe dry.
- 4 Dampen another section of clean, lint-free cloth with water and gently wipe the gold contact area.



Warning: Do not wipe the nozzles and contacts with the same section of cloth.

- 5 To dissolve dried ink, hold the damp cloth against the nozzles for about three seconds. Gently blot and wipe dry. Let the gold-colored areas dry before you reinsert the cartridge into the printer.

Reinstall the cartridge and repeat the nozzle test. For help, see page 75.



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Problems with specialty paper

Transparencies or glossy photo papers stick together

- Remove each page as it exits the printer and let it dry completely before stacking.
- Use a transparency or photo paper designed for an inkjet printer.

Transparencies or photo papers contain white lines

- From Printer Properties or Printing Preferences ▶ Document/Quality ▶ Photo or Max Photo Quality. For help, see page 36.
- Clean the nozzles. For help, see page 75.
- Wipe the nozzles. For help, see page 77.
- Clean the scanner bed. For help, see page 72.

Envelopes do not feed properly

If regular paper feeds without problems, make sure:

- You load the envelopes correctly. For help, see page 15.
- You use an envelope size supported by the printer and it is selected in Printer Properties.



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- You have the correct Paper Type and Size selected in Printer Properties or Printing Preference.

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Paper Jam message

Remove the paper from the printer. If the paper is lodged too far into the printer and cannot be removed:

- 1 Press the Power button to turn the printer off.
- 2 Pull firmly on the paper to remove it.
If you cannot reach the paper because it is too far into the printer
 - a Open the cartridge door and pull the paper out.
 - b Close the cartridge door.
- 3 Press the Power button to turn the printer on, and then send your document to print.

Ink Low message

The cartridge is running out of ink. Purchase a new cartridge. For help replacing the cartridge, see page 17.



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Paper Out message

- 1 If the printer is out of paper, load the paper. For help, see page 13.
- 2 Press Select.
- 3 Resend your document to print.

Scanner Connection error

- 1 Disconnect the USB cable from the printer.
- 2 Reconnect the USB cable.
- 3 Turn the printer off.
- 4 Unplug the printer.
- 5 Plug the printer into an electrical outlet.
- 6 Turn the printer on.
- 7 Restart the computer.



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Other error messages

- 1 Turn the printer off.
- 2 Wait a few seconds, and then turn the printer back on.
- 3 Resend your document to print.

Note: You may not need to resend your document to print.



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The following section contains information about:

- **Statement of Limited Warranty**
- **Electronic emission notices**
- **Notices**
- **Safety information**
- **ENERGY STAR**



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Statement of Limited Warranty

Lexmark International, Inc., Lexington, KY

This warranty applies to the United States and Canada. For customers outside the U.S. and Canada, refer to the country-specific warranty information that came with your printer.

Lexmark™ X83 Scan/Print/Copy

This Statement of Limited Warranty applies to this product 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.”

Warranty

Lexmark warrants that this product:

- Is manufactured from new parts, or new and serviceable used parts, which perform like new parts
- Is free from defects in material and workmanship
- Conforms to Lexmark’s official published specifications
- Is in good working order



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If this product does not function as warranted during the warranty period, contact a Remarketer or Lexmark for repair without charge.

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 designed. 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.

Warranty service

The warranty period is 12 months and starts on the date of original purchase as shown on the purchase receipt.

To obtain warranty service you may be required to present proof of original purchase. Warranty service will be provided at a Remarketer or a Lexmark designated location. 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 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.



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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, or damaged beyond repair. Also, such product must be free of any legal obligation or restrictions that prevent its exchange.

Before you present this product for warranty service, remove all programs, data, and removable storage media.

For further explanation of your warranty alternatives and the nearest Lexmark authorized servicer in your area, please contact Lexmark at 1-800-539-6275, or on the World Wide Web at www.lexmark.com.

Free remote technical support is provided for this product throughout its warranty period. Lexmark offers a variety of extended warranty programs that include an extension of technical support. For products no longer covered by a Lexmark warranty, technical support may only be available for a fee.

Extent of warranty

We do not warrant uninterrupted or error-free operation of a product.

Warranty service does not include repair of failures caused by:

- Modification or attachments
- Accidents or misuse
- Unsuitable physical or operating environment



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- Maintenance by anyone other than Lexmark or a Lexmark authorized servicer
- Operation of a product beyond the limit of its duty cycle
- Failure to have installed a maintenance kit as specified (if applicable)
- Use of printing media outside of Lexmark specifications
- Use of other than Lexmark supplies (such as inkjet cartridges)
- Use of other than Lexmark product or component

ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD. NO WARRANTIES, EXPRESS OR IMPLIED, WILL APPLY AFTER THIS PERIOD.

Limitation of liability

Your sole remedy under this Statement of Limited Warranty is set forth in this section. For any claim concerning performance or nonperformance of Lexmark or a Remarketer for this product under this Statement of Limited Warranty, you may recover actual damages up to the limit set forth in the following paragraph.

Lexmark's liability for actual damages from any cause whatsoever will be limited to the greater of 1) \$5,000 or 2) the amount you paid for the product that caused the damages. This limitation of liability will not apply to claims by you for bodily injury or damage to real property



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or tangible personal property for which Lexmark is legally liable. In no event will Lexmark be liable for any lost profits, lost savings, incidental damage, or other economic consequential damages. This is true even if you advise Lexmark or a Remarketer of the possibility of such damages. Lexmark is not liable for any claim by you based on a third party claim.

This limitation of remedies also applies to any developer of materials supplied to Lexmark. Lexmark's and the developer's limitations of remedies are not cumulative. Such developer is an intended beneficiary of this limitation.

Additional rights

Some states do not allow limitations on how long an implied warranty lasts, or do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.



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Electronic emission notices

Federal Communications Commission (FCC) compliance information statement

The Lexmark™ X83 Scan/Print/Copy has been tested and found to comply with the limits for a Class B 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 B limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.



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- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult your point of purchase or service representative for additional suggestions.

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 B computing device, use a properly shielded and grounded USB cable such as Lexmark part number 12A2405. 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 Lab Operations
Lexmark International, Inc.
740 West New Circle Road
Lexington, KY 40550
(859) 232-3000



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Notices

Industry Canada Compliance Statement

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Avis de conformité aux normes d'Industrie Canada

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

European Community (EC) Directives Conformity

This product is in conformity with the protection requirements of EC Council directives 89/336/EEC and 73/23/EEC on the approximation and harmonization of the laws of the Member States relating to electromagnetic compatibility and safety of electrical equipment designed for use within certain voltage limits.

A declaration of conformity with the requirements of the directives has been signed by the Director of Manufacturing and Technical Support, Lexmark International, S.A., Boigny, France.

This product satisfies the Class B limits of EN 55022 and safety requirements of EN 60950.



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Japanese VCCI Notice

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。

The United Kingdom Telecommunications Act 1984

This apparatus is approved under the approval number NS/G/1234/J/100003 for the indirect connections to the public telecommunications systems in the United Kingdom.

Safety information

- Use only the Lexmark power supply provided with this product or a Lexmark replacement unit.
- Connect the power cord to an electrical outlet that is near the product and easily accessible.
- Refer service or repairs, other than those described in the manual, to a professional service person.



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ENERGY STAR



The EPA ENERGY STAR Computers program is a partnership effort with computer manufacturers to promote the introduction of energy-efficient products and to reduce air pollution caused by power generation.

Companies participating in this program introduce personal computers, printers, monitors, or fax machines that power down when they are not being used. This feature will cut the energy used by up to 50 percent. Lexmark is proud to be a participant in this program.

As an ENERGY STAR Partner, Lexmark International, Inc. has determined that this product meets the ENERGY STAR guidelines for energy efficiency.



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