LEXMARK™

Z700 Series Color Jetprinter™
P700 Series Photo Jetprinter™

User's Guide for Mac OS 9

- **Setup troubleshooting**

  A checklist to find solutions to common setup problems.

- **Printer overview**

  Learn about the printer parts and the printer software.

- **Printing ideas**

  How to print several projects on various types of paper.

- **Maintenance**

  Caring for your cartridges and ordering supplies.

- **General troubleshooting**

  Error messages, print quality problems, paper jams, and much more.

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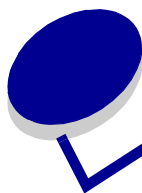
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Lexmark™ Z700 Series Color Jetprinter™

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Lexmark P700 Series Photo Jetprinter™

USB cable connector

Power supply connector

Paper support

Paper guide and release tab

Front cover

Paper Feed button

Power button

Memory card slots

USB card reader

Paper exit tray

Use this:	When you want to:
Front cover	• Install or change print cartridges. • Clear paper jams.
Memory card slots	Access your photos.
Paper exit tray	Stack paper after printing.

| Use this:	When you want to:
Paper Feed button	• Eject paper from the printer. • Check the printer status. For more information, see "Understanding error messages and flashing lights" on page 62.
Paper guide and release tab	Make sure paper feeds correctly into the printer.
Paper support	Keep paper straight in the sheet feeder.
Power button	• Turn the printer on or off. • Check the printer status. For more information, see "Understanding error messages and flashing lights" on page 62.
Power supply connector	Supply power to the printer.
USB cable connector	Connect the printer to the computer.
USB card reader	Transfer data from a memory card to your computer.

Using memory cards (Lexmark P700 Series only)

Most digital cameras use a memory card to store photos. You can insert the memory card into your printer and print your photos or save them on your computer.

Inserting a memory card

Your printer supports the following digital media:

- CompactFlash I and II
- IBM Microdrive
- Secure Digital
- MultiMedia Card
- Memory Stick
- Smartmedia

The USB card reader on your printer has four slots to accommodate these media. This illustration shows you where to insert each of the supported memory cards.
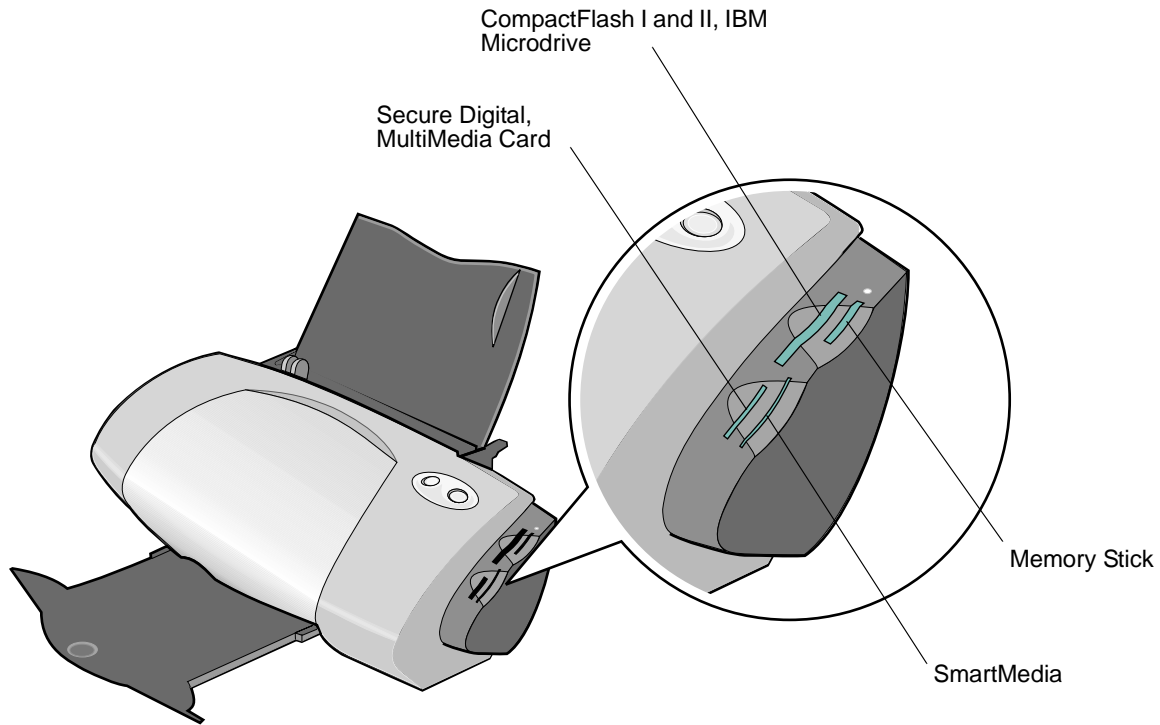
Before you insert your memory card, consider the following information:

- Your printer recognizes one source for photos at a time. Insert only one memory card at a time.
- A small button on top of the card reader lights up once the card is properly installed.

If you are inserting a memory card of this type:	Make sure:
• CompactFlash I and II • IBM Microdrive	The name label faces toward the printer.
• Memory Stick • Secure Digital • MultiMedia Card	The gold contact area faces away from the printer.
• SmartMedia	The gold contact area faces toward the printer.

When you insert your memory card into the USB card reader, an icon representing a new drive appears on your desktop. Once that new drive appears, you can work with the files in the same way as you would with any removable media like a floppy disk. When you are done with the memory card, drag the icon to the trash can. You can then remove the memory card.

Using the printer software

Your printer integrates with the Page Setup dialog box and Print dialog box that come with Mac OS 9. The CD that comes with your printer also includes the Control Panel.

To customize the settings for your document, refer to the "Page Setup dialog box" on page 10 and the "Print dialog box" on page 11. For more information on which settings to select for your document, see "Printing ideas" on page 16. When you install the printer software, the Page Setup and Print dialog boxes are set to these default settings:

|	
Print Quality: Normal	Paper Type: Automatic
Paper Size: A4 or Letter	Orientation: Portrait

> **Note:** Your printer has a paper type sensing capability that automatically detects most paper types. For more information, see "Using the paper type sensor" on page 14.

Page Setup dialog box

While the document you want to print is open, use the Page Setup dialog box to select settings such as paper size. To customize the settings in the Page Setup dialog box:

1 From the software program, choose **File ▸ Page Setup**.
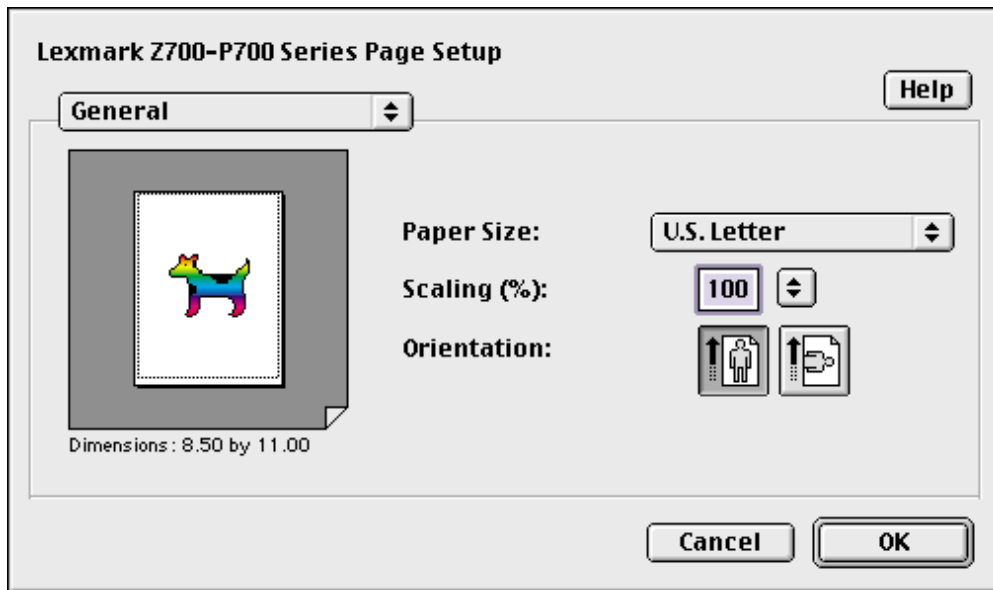
2 Change the settings as needed.

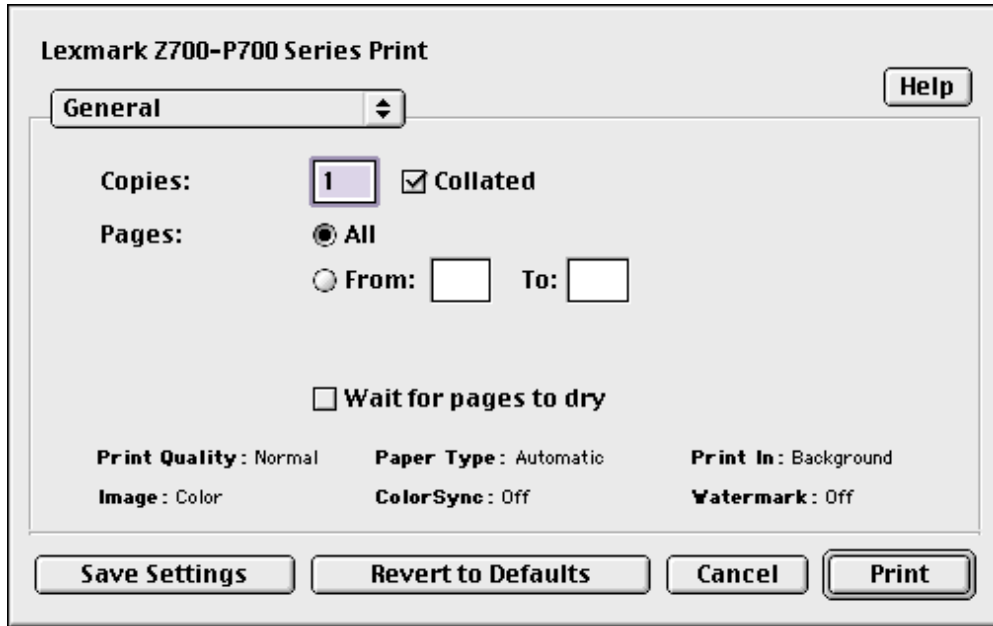| From the pop-up menu in the upper left corner, choose:	Make selections from:	When you want to:
General	Paper Size	Choose a paper size or create a custom paper size.
	Scaling	Change the scaling value of your document. Valid values are between 25% and 400%.
	Orientation	Choose between portrait and landscape.
Watermark	Watermark	Choose a watermark design.
	Density	Adjust from light to heavy watermark imprint.
	Scaling	Resize your watermark design.
Your current software program		Select program-specific options for printing. The program name and the options available vary according to the program used.

Note: For more information about these settings, click **Help**.

3 Click **OK** to apply the settings and close the Page Setup dialog box.

Print dialog box

While your document is open, you can use the Print dialog box to select settings that affect the appearance of your document. To customize the settings in the Print dialog box:

1 From the software program, choose **File ▸ Print**.

2 Change the settings as needed.

From the pop-up menu in the upper left corner, choose:	Select:	When you want to:
General	Copies	Specify the number of copies to print (from 1 to 999).
	Collated	Sort multiple copy jobs.
	Pages	Print all of the pages in a document or print a range of pages.
	Wait for pages to dry	Add more time between pages as they exit the printer. Select this option when you want to keep documents from smearing.
Paper Type/ Quality	Paper Type	Specify the type of paper loaded into the paper tray. Automatic sensing is the default setting. At this setting, your printer automatically detects some paper types. For more information, see "Using the paper type sensor" on page 14.
	Print Quality	Click **Quick Print, Normal, Better,** or **Best**. Normal print quality is recommended for most documents. Higher print quality settings result in better quality documents, but take longer to print.

From the pop-up menu in the upper left corner, choose:	Select:	When you want to:
Layout	Borderless	Print borderless photos on photo paper or photo card.
	Booklet	Print a booklet.
	Poster	Print a poster.
	Pages/ Sheet	• Print multiple pages on a single sheet of paper. • Print your document with borders. **Note:** Border option is available only for documents with pages per sheet of two or four.
	Print Last Page First	Print the pages in reverse order so the first page of your document is on top of the stack in the paper exit tray.
	Print on Both Sides	• Print your document on both sides of the paper. • Choose a binding edge (side flip or top flip).
Color	ColorSync Color Matching	• Choose your printer's profile from a list of saved color profiles and settings obtained from ColorSync. • Set the document intent. Choose from Automatic, Photographic, or Business Graphics.
	Built-In Color Matching	Choose the appropriate type of color for your document.
Background Printing	Print in: Foreground	Print when you have limited system resources.
	Print in: Background	Print most documents. Background printing is recommended for all jobs unless a problem occurs.
	Print Time	• Mark a print job **Urgent**. • Set the **Normal** print time (default). • Select an exact date and time for the document to print. • Put a print job on hold.
Your current software program		Select program-specific options for printing. The program name and the options available vary according to the program used.

> **Note:** If you want more information about the settings in the Print dialog box, click **Help.**

3 To save your settings for future print jobs, click **Save Settings**.

4 To change your settings back to the original factory settings, click **Revert to Defaults.**

5 Click **Print** to apply your settings and print your document.

Control Panel

Use the Control Panel to monitor your printer and printer supplies. You can:

- Install/change cartridges
- Align cartridges
- Clean print nozzles
- Select a printer
- Calibrate the paper type sensor

- Print a test page
- Obtain information on ordering supplies
- Obtain software version information
- Configure a network printer
- Check for offers (United States and Canada only)

Using the Control Panel

1 From the Apple menu, choose **Control Panels ▸ Z700-P700 Series Control Panel**.
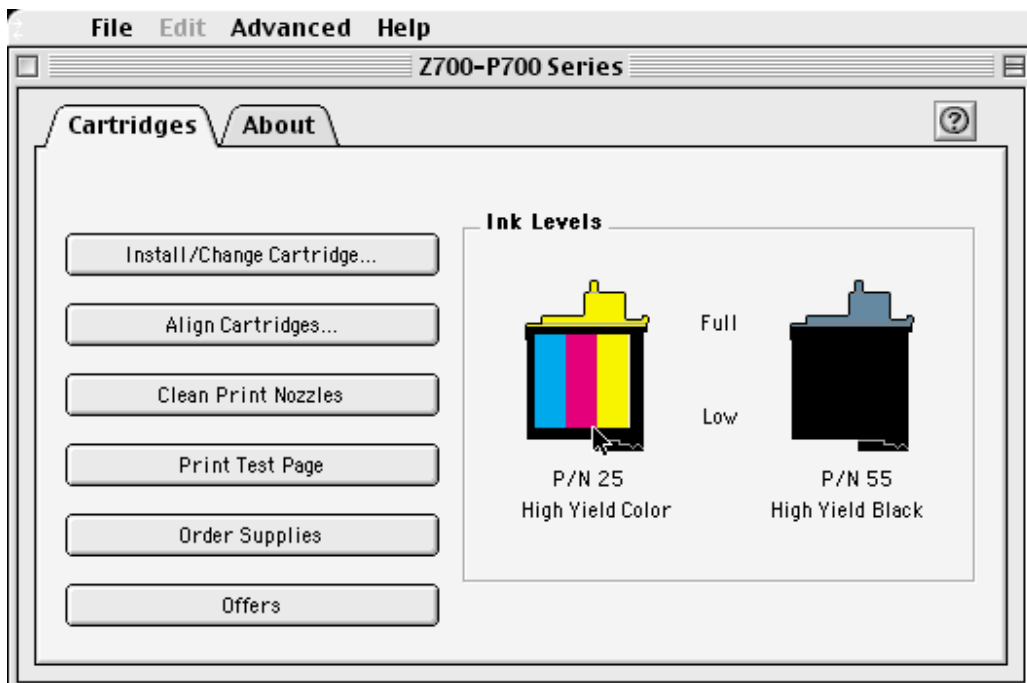
Click:	Select:	When you want to:
Cartridges tab	Install/Change Cartridge	Specify cartridge settings in the printer software when installing or changing the cartridges. For more information, see "Remove the used cartridges" on page 50.
	Align Cartridges	Align the cartridges. For more information, see "Aligning the print cartridges" on page 54.

Click:	Select:	When you want to:
Cartridges tab	Clean Print Nozzles	Improve print quality by cleaning clogged print nozzles. For more information, see "Clean the print cartridge nozzles." on page 55.
	Print Test Page	Verify if your printer is functioning properly.
	Order Supplies	Order supplies, such as print cartridges, from the Lexmark Web site. For more information, see "Ordering supplies" on page 57.
	Offers	Access the Lexmark Web site for offers. **Note:** United States and Canada only.
About tab		Obtain printer software version information.
Advanced menu	Select Printer	• Select a printer and make it the default printer. • Find the IP address for the selected printer. • Add a printer located on a remote subnet. You can add a single printer or search the subnet for all available printers. • View a list of all USB, USB print sharing, and network printers.
	Network Printer Configuration	• Configure a network printer. • View a list of network printers.
	Calibrate Paper Type Sensor	Ensure that the paper type sensor is working correctly.

2 To learn more about what you can do with your printer, click **?**.

3 Click the button in the upper left corner to close the Control Panel.

Using the paper type sensor

Your printer has a paper type sensor that detects the following paper types loaded in your printer, and automatically adjusts the Paper Type setting in the Print dialog box accordingly.

- Plain
- Coated
- Glossy/Photo Paper
- Transparency

When you install your printer, the paper type sensor is set on Automatic (default).

If you want to turn off the paper type sensor and manually choose your paper type:

1 From the software program, choose **File ▸ Print**.

2 From the pop-up menu in the upper left corner, choose **Paper Type/Quality**.

3 From the Paper Type pop-up menu, choose your preferred paper type.

4 To save the setting for future use, click **Save Settings**.

5 Click **Print**.

> **Note:** Although the printer can detect the type of paper you are using, it cannot detect the paper size. Make sure you select the appropriate paper size in the "Page Setup dialog box" on page 10.
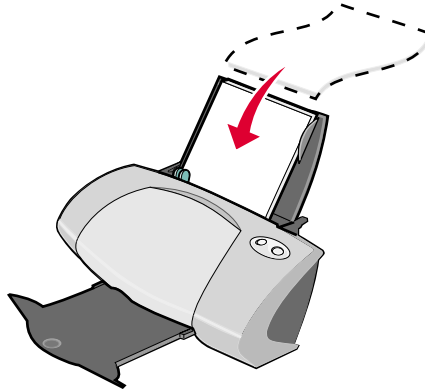
2 Printing ideas
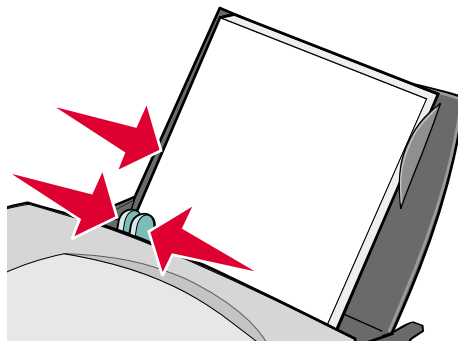
Printing on plain paper

You can print up to 100 sheets of paper at a time, depending on the thickness of the paper.

Step 1: Load the paper

- Load the paper vertically against the right side of the paper support.

- Do not force the paper into the printer.
- Squeeze and slide the paper guide to the left side of the paper.

Note: If you are using Letter size paper, adjusting the paper guide may not be necessary.

Step 2: Customize the print settings

If you are using A4 or Letter size paper and you want to print with Normal print quality, you do not need to adjust the settings.

If you are using specialty media, customize the settings by following the steps for your paper type.

Step 3: Print your document

1   From the software program, choose **File** ▸ **Print**.

2   Click **Print**.

> **Note:** The paper exit tray holds up to 50 sheets of paper. To print more than 50 pages, remove the first 50 sheets, and then continue printing.

Printing photos

You can load up to 50 sheets of photo or glossy paper, depending on the thickness of the paper. You may want to print your photos on plain paper before loading photo paper and changing your settings. This ensures that you do not waste photo paper perfecting the image you want to print.

To print on photo cards, see "Printing cards" on page 23.

Step 1: Load the photo paper

- For best results, use photo paper designed for inkjet printers.

- If your photo paper includes instructions, read them carefully.

- Load the paper against the right side of the paper support.
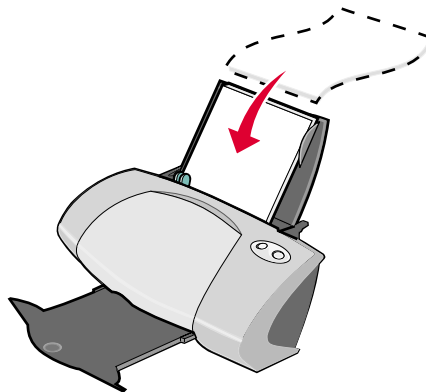
- Make sure your paper is not used or damaged.

- Make sure the glossy or coated side is facing you.
- Do not force the paper into the printer.
- Squeeze and slide the paper guide to the left side of the paper.

> **Note:** If you are using Letter size photo paper, adjusting the paper guide may not be necessary.

Step 2: Customize the print settings

1 Choose a paper size and orientation:

   a From the software program, choose **File ▸ Page Setup**.

   b From the Paper Size pop-up menu, choose a paper size. To print borderless photos, choose one of the following paper sizes for borderless printing:

- **U.S. Letter**
- **A4**
- **U.S. 4 x 6 Photo**

To set a custom paper size, see "Printing on custom size paper" on page 48.

   c From Orientation, click the portrait or landscape icon.

   d Click **OK**.

2 Choose a paper type, print quality, and color setting:

   a From the software program, choose **File ▸ Print**.

   b From the pop-up menu in the upper left corner, choose **Paper Type/Quality**.

> **Note:** If Automatic is not chosen in the Paper Type pop-up menu, choose **Glossy/Photo Paper** as the paper type. For more information, see "Using the paper type sensor" on page 14.

c From Print Quality, click **Better** or **Best**.

   Note: Higher print quality settings result in better quality documents, but may take longer to print.

d From the pop-up menu in the upper left corner, choose **Color**.

e Click **Built-In Color Matching**.

f From the Document Color pop-up menu, choose **Natural Color**.

3 To print borderless photos:

a Make sure you choose one of the supported paper sizes for borderless printing from Paper Size in the Page Setup dialog box.

b From the software program, set the margins to zero.

   Note: Disregard this step if your program does not support margin setting.

c On the screen, make sure that the image covers the entire page.

d Choose **File ▸ Print.**

e From the pop-up menu in the upper left corner, choose **Layout**.

f Click **Borderless**.

Step 3: Print your photos

Click **Print**.

   Note: To prevent smearing, remove each photo as it exits the printer, and then let it dry before stacking. You can also set extra time between pages as they exit the printer. For help, see the entry on "Wait for pages to dry" on page 11.
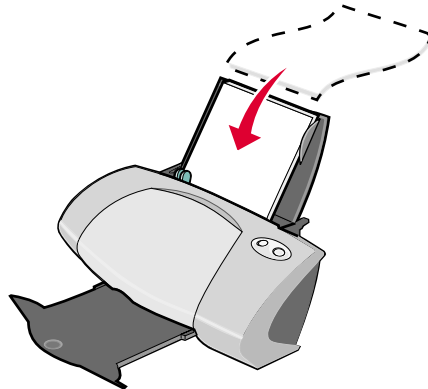
Printing on premium paper

You can load up to 100 pages of premium or coated paper, depending on the thickness of the paper.
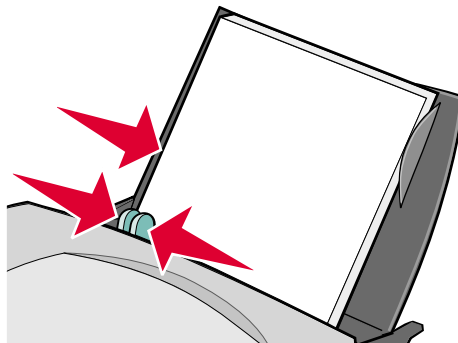
Step 1: Load the premium paper

- If your paper includes instructions, read them carefully.

- Load the paper vertically against the right side of the paper support.

- Make sure your paper is not used or damaged.
- Make sure the print side is facing you.
- Do not force the paper into the printer.
- Squeeze and slide the paper guide to the left edge of the paper.

> **Note:** If you are using Letter size paper, adjusting the paper guide may not be necessary.

Step 2: Customize the print settings

1 Choose a paper size and orientation:

   a From the software program, choose **File ▸ Page Setup**.

   b From the Paper Size pop-up menu, choose a paper size. To set a custom paper size, see "Printing on custom size paper" on page 48.

   c From Orientation, click the portrait or landscape icon.

d Click **OK**.

2 Choose a paper type and print quality:

    a From the software program, choose **File ▸ Print**.

    b From the pop-up menu in the upper left corner, choose **Paper Type/Quality**.

       Note: If Automatic is not chosen in the Paper Type pop-up menu, choose **Coated** as the paper type. For more information, see "Using the paper type sensor" on page 14.

    c From Print Quality, select your preferred print quality. Normal is the default.

       Note: Higher print quality settings result in better quality documents, but may take longer to print.

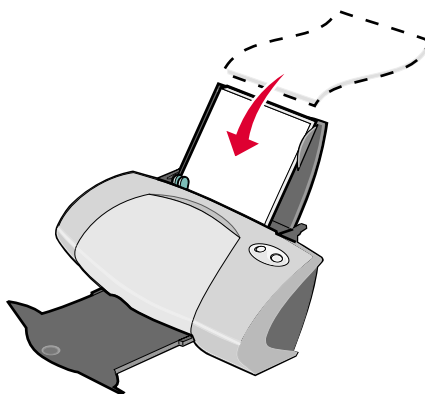## Step 3: Print your document

Click **Print**.

       Note: The paper exit tray holds up to 50 sheets of paper. To print more than 50 pages, remove the first 50 sheets, and then continue printing.

Printing on both sides of the paper

Conserve paper by printing on both sides. You can load up to 100 sheets of paper at a time, depending on the thickness of the paper. For the best print quality, use thick paper.

Step 1: Load the paper

- Load the paper vertically against the right side of the paper support.

Printing on both sides of the paper

- Make sure the print side is facing you.
- Do not force the paper into the printer.
- Squeeze and slide the paper guide to the left edge of the paper.

> **Note:** If you are using Letter size paper, adjusting the paper guide may not be necessary.

Step 2: Customize the print settings

1. Choose a paper size and orientation:

   a. From the software program, choose **File ▸ Page Setup**.

   b. From the Paper Size pop-up menu, choose a paper size. To set a custom paper size, see "Printing on custom size paper" on page 48.

   c. From Orientation, click the portrait or landscape icon.

   d. Click **OK**.

2. Choose a paper type, print quality, and layout:

   a. From the software program, choose **File ▸ Print**.

   b. From the pop-up menu in the upper left corner, choose **Paper Type/Quality**.

   > **Note:** If Automatic is not chosen in the Paper Type pop-up menu, choose **Plain** as the paper type. For more information, see "Using the paper type sensor" on page 14.

   c. From Print Quality, select your preferred print quality. Normal is the default.

   > **Note:** Higher print quality settings result in better quality documents, but may take longer to print.

   d. From the pop-up menu in the upper left corner, choose **Layout**.

   e. Click **Print on Both Sides**.

**f** Click the icon for the binding edge (top flip or side flip) for your document.

If you select top flip, the pages of your document turn like the pages of a legal pad. If you select side flip, the pages of your document turn like the pages of a magazine.

Step 3: Print your document

1 Click **Print**.

The odd-numbered pages print, and then your printer software prompts you to reload the paper.

2 Remove the stack of paper from the paper exit tray.

3 Load the stack of paper and reloading instruction page, with the printed side facing away from you and the arrows pointing down into the paper support.
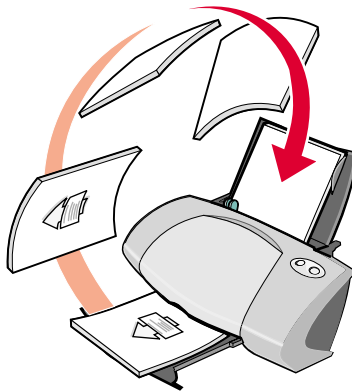
4 Click **Continue**.

The even-numbered pages print.

> **Note:** The paper exit tray holds up to 50 sheets of paper. To print more than 50 pages, remove the first 50 sheets, and then continue printing.
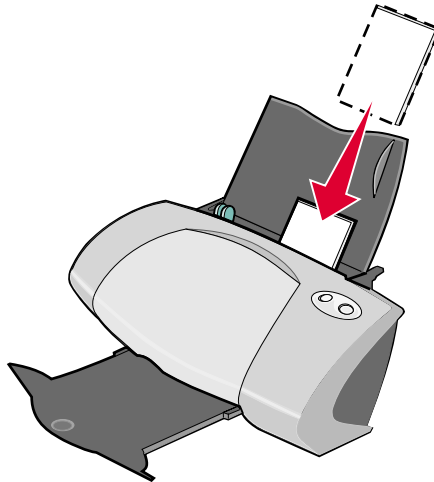
Printing cards

You can load up to 25 greeting cards, index cards, photo cards, or postcards into the paper support, depending on the thickness of the cards.

Step 1: Load the cards

• If your cards include instructions, read them carefully.

- Load the cards vertically against the right side of the paper support.

- Make sure your cards are not used or damaged.
- Make sure the print side is facing you.
- Do not force the cards into the printer.
- Squeeze and slide the paper guide to the left edge of the cards.

Step 2: Customize the print settings

1 Choose a paper size and orientation:

   a From the software program, choose **File ▸ Page Setup**.

   b From the Paper Size pop-up menu, choose a card size. To print borderless photos on cards, choose one of the following card sizes for borderless printing:

      - **U.S. 4 x 6 Card**
      - **A6 Card**
      - **Hagaki Postcard**

    c   From Orientation, click the portrait or landscape icon.

    d   Click **OK**.

2   Choose a paper type and print quality:

    a   From the software program, choose **File ▸ Print**.

    b   From the pop-up menu in the upper left corner, choose **Paper Type/Quality**.

        Note: If Automatic is not chosen in the Paper Type pop-up menu, choose **Glossy/Photo Paper** for photo cards and **Plain** for other types of cards. For more information, see "Using the paper type sensor" on page 14.

    c   From Print Quality, click **Better** or **Best** for photo and greeting cards and **Normal** for other types of cards.

        Note: Higher print quality settings result in better quality documents, but may take longer to print.

3   To print borderless photos on your cards:

    a   Make sure you choose one of the supported card sizes for borderless printing from Paper Size in the Page Setup dialog box.

    b   From the software program, set the margins to zero.

        Note: Disregard this step if your program does not support margin setting.

    c   On the screen, make sure that the image covers the entire page.

    d   Choose **File ▸ Print.**

    e   From the pop-up menu in the upper left corner, choose **Layout**.

    f   Click **Borderless**.

Step 3: Print your cards

Click **Print**.

        Note: To prevent smudging, remove each card as it exits the printer and let it dry before stacking, or you can set extra time between pages as they exit the printer. For help, see the entry on "Wait for pages to dry" on page 11.
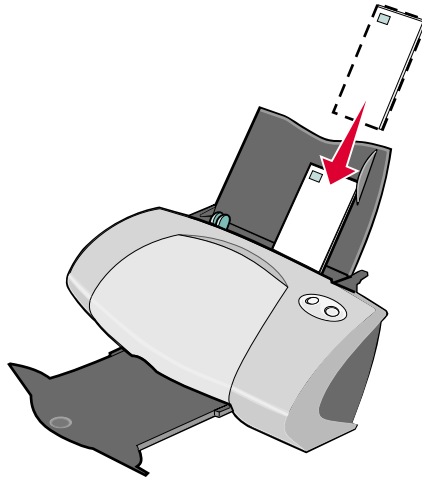
Printing envelopes

You can load up to 10 envelopes, depending on the thickness of the envelopes.

Step 1: Load the envelopes

> **Note:** Do not use envelopes with holes, windows, deep embossing, metal clasps, string ties, or metal folding bars.

- Load the envelopes vertically against the right side of the paper support.

- Make sure your envelopes are not used or damaged.
- Make sure the print side is facing you.
- Make sure the stamp location is in the upper left corner.
- Do not force the envelopes into the printer.
- Squeeze and slide the paper guide to the left edge of the envelopes.
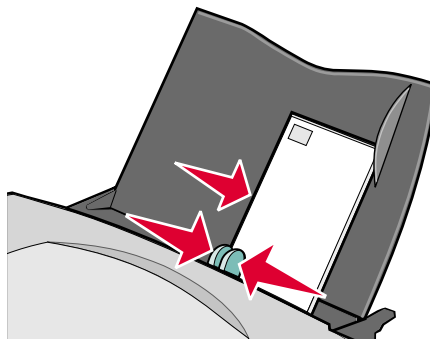
Step 2: Customize the print settings

1 Choose an envelope size and orientation:

a From the software program, choose **File ‣ Page Setup**.

b From the Paper Size pop-up menu, choose an envelope size. To use a custom envelope size, see "Printing on custom size paper" on page 48.

c From Orientation, make sure that you select the landscape icon.

Note: Many software programs are designed to override the envelope settings in the Page Setup. Make sure that the landscape orientation is also selected in your software program.

d Click **OK**.

2 Choose a paper type and print quality:

a From the software program, choose **File ‣ Print**.

b From the pop-up menu in the upper left corner, choose **Paper Type/Quality**.

Note: If Automatic is not chosen in the Paper Type pop-up menu, choose **Plain** as the paper type. For more information, see "Using the paper type sensor" on page 14.

c From Print Quality, select your preferred print quality. Normal is the default.

Note: Higher print quality settings result in better quality documents, but may take longer to print.

Step 3: Print your envelopes

Click **Print**.

Note: The paper exit tray holds up to 10 envelopes. To print more than 10 envelopes, remove the first 10 envelopes, and then continue printing.
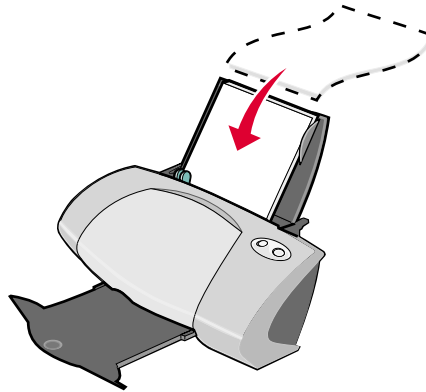
Printing color images in black and white

You can print color images in black and white.

Note: This setting is only available if there is a black print cartridge installed.

Step 1: Load the paper

- Load the paper vertically against the right side of the paper support.

- Make sure your paper is not used or damaged.
- Make sure the print side is facing you.
- Do not force the paper into the printer.
- Squeeze and slide the paper guide to the left edge of the paper.
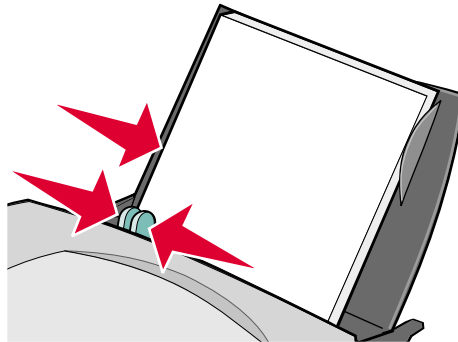
> **Note:** If you are using Letter size paper, adjusting the paper guide may not be necessary.

Step 2: Customize the print settings

1 Choose a color setting:

   a From the software program, choose **File ▸ Print**.

   b From the pop-up menu in the upper left corner, choose **Color**.

   c Click **Built-In Color Matching**.

Printing color images in black and white

d From the Document Color pop-up menu, choose **Black Only**.

2 Continue customizing your document following the steps for your paper type.

Step 3: Print your document

Click **Print**.

> **Note:** The paper exit tray holds up to 50 sheets of paper. To print more than 50 sheets of paper, remove the first 50 sheets, and then continue printing.
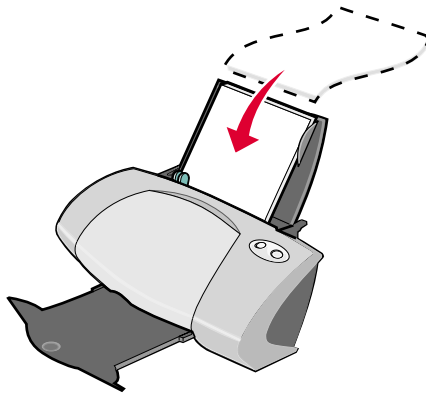
Printing a booklet

You can print and bundle your document to make a booklet. You can load up to 100 sheets of paper in the paper support, depending on the thickness of the paper.

Step 1: Load the paper

- Load the paper vertically against the right side of the paper support.

- Make sure the print side is facing you.

- Do not force the paper into the printer.

- Squeeze and slide the paper guide to the left edge of the paper.
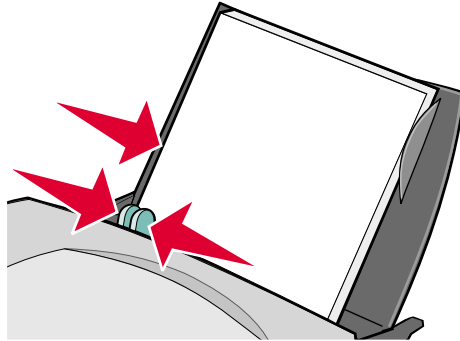
> **Note:** If you are using Letter size paper, adjusting the paper guide may not be necessary.

Step 2: Customize the print settings

1 Choose a paper size and orientation:

   a From the software program, choose **File ▸ Page Setup**.

   b From Paper Size pop-up menu, choose a paper size. To use a custom paper size, see "Printing on custom size paper" on page 48.

   c From Orientation, make sure that you select portrait orientation.

   d Click **OK**.

2 Choose a paper type, print quality, and layout:

   a From the software program, choose **File ▸ Print**.

   b From the pop-up menu in the upper left corner, choose **Paper Type/Quality**.

> **Note:** If Automatic is not chosen in the Paper Type pop-up menu, choose **Plain** as the paper type. For more information, see "Using the paper type sensor" on page 14.

   **c** From Print Quality, select your preferred print quality. Normal is the default.

> **Note:** Higher print quality settings result in better quality documents, but may take longer to print.

   d From the pop-up menu in the upper left corner, choose **Layout**.

   e Click **Booklet**.

f From the Booklet pop-up menu, choose a number of sheets to bundle (**1**, **2, 4, 8, 16**, or **32 sheets/bundle**).

> **Note:** A bundle is the group of pages that are folded in half and stacked before binding. When printing with thick paper, choose a smaller number of sheets to bundle for easier binding.

Step 3: Print your booklet
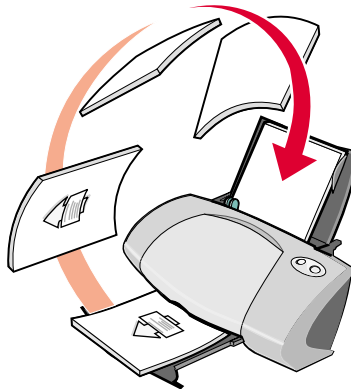
1 Click **Print**.

After the first half of your booklet prints, your printer software prompts you to reload the paper.

2 Remove the stack from the paper exit tray.

3 Load the stack of paper and the reloading instruction page with the printed side facing away from you and the arrows pointing down into the paper support.

4 Click **Continue**.

Step 4: Build your booklet

After your document prints, stack and bind your booklet.

To build your booklet:

1 Remove the first bundle from the paper exit tray, fold it in half, and then set it aside.

2 Remove the next bundle, fold it in half, and then stack it on top of the first bundle.

3 Continue to stack the bundles on top of each other until your booklet is complete.

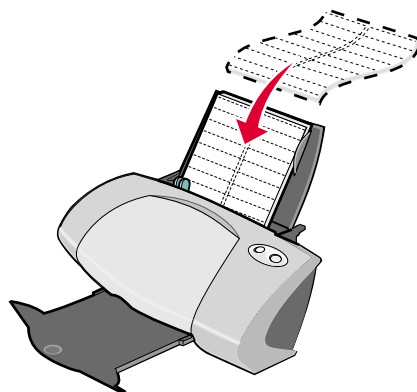**4** Bind the bundles to complete your booklet.

Printing labels

You can load up to 25 sheets of labels, depending on the thickness of the sheets.

Step 1: Load the labels

- Use labels designed for inkjet printers.
- If your labels include instructions, read them carefully.
- Load the labels vertically against the right side of the paper support.

- Make sure your labels are not used or damaged.
- Do not print within 1 mm (0.04 in.) of the edge of a label.

- Make sure there are no missing or curled labels.
- Make sure the print side is facing you.
- Do not force the label sheets into the printer.
- Squeeze and slide the paper guide to the left edge of the sheet of labels.
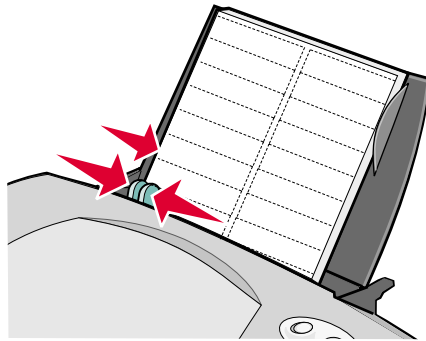
> **Note:** If you are using Letter size label paper, adjusting the paper guide may not be necessary.

Step 2: Customize the print settings

1 Choose a paper size and orientation:

   a From the software program, choose **File ▶ Page Setup**.

   b From the Paper Size menu, choose a paper size. To use a custom paper size, see "Printing on custom size paper" on page 48.

   c From Orientation, make sure that you select portrait orientation.

   d Click **OK**.

2 Choose a paper type and print quality:

   a From the software program, choose **File ▶ Print**.

   b From the pop-up menu in the upper left corner, choose **Paper Type/Quality**.

     > **Note:** If Automatic is not chosen in the Paper Type pop-up menu, choose **Plain** as the paper type. For more information, see "Using the paper type sensor" on page 14.

   c From Print Quality, select your preferred print quality. Normal is the default.
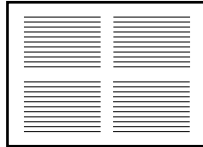
     > **Note:** Higher print quality settings result in better quality documents, but may take longer to print.

Step 3: Print your labels

Click **Print**.

> **Note:** The paper exit tray holds up to 10 sheets of labels. To print more than 10 sheets, remove the first 10 sheets, and then continue printing.

Printing handouts

You can conserve paper by printing handouts. Handouts are multiple pages of a document printed on a single sheet of paper. You can load up to 100 sheets of paper, depending on the thickness of the paper.
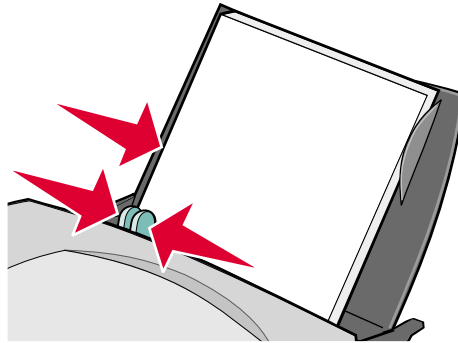
Step 1: Load the paper

- If your paper includes instructions, read them carefully.
- Load the paper vertically against the right side of the paper support.
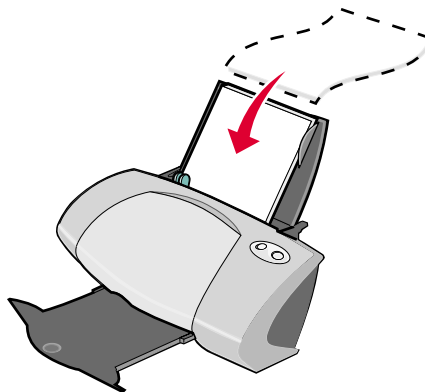
- Make sure your paper is not used or damaged.
- Make sure the print side is facing you.
- Do not force the paper into the printer.

- Squeeze and slide the paper guide to the left edge of the paper.

> **Note:** If you are using Letter size paper, adjusting the paper guide may not be necessary.

Step 2: Customize the print settings

You can print your handouts on one side or on both sides of the paper.

1 Choose a paper size and orientation:

   a From the software program, choose **File ▸ Page Setup**.

   b From the Paper Size pop-up menu, choose a paper size. To use a custom paper size, see "Printing on custom size paper" on page 48.

   c From Orientation, click the portrait or landscape icon.

   d Click **OK**.

2 Choose a layout:

   a From the software program, choose **File ▸ Print**.

   b From the pop-up menu in the upper left corner, choose **Layout**.

   c Click **Pages/Sheet**.

   d From the Pages/Sheet pop-up menu, choose the number of pages you want to print on one sheet.

      The displayed graphic shows you how the printed page will look.

   e If you want to print a border around each page, click **Print Borders**.

    > **Note:** The border option is available only for documents with pages per sheet of two or four.

3 If you are printing your handouts on one side of the paper, continue with Step 3: Print your handouts.

To print your handouts on both sides of the paper:

a Click **Print on Both Sides**.

b Click the graphic for the binding edge (top flip or side flip).

If you select top flip, the pages of your handouts turn like the pages of a legal pad. If you select side flip, the pages of your handouts turn like the pages of a magazine.

c Continue with the next step to print your handouts.

Step 3: Print your handouts

1 Click **Print**.

If you formatted your handouts to print on one side of each page, you are finished.

If you formatted your handouts to print on both sides of each page, continue with the next step.

2 After the first half of your handouts prints, your printer software prompts you to reload the paper. Load the paper and the reloading instruction page with the printed side facing away from you and the arrows pointing down into the paper support.
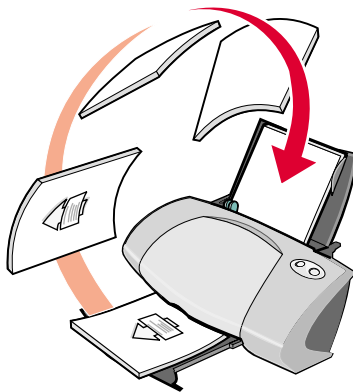
**3** Click **Continue**.

Printing iron-on transfers
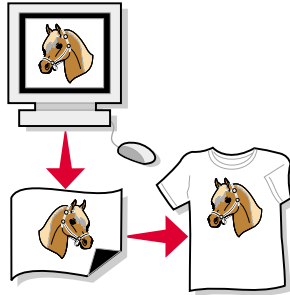
You can load up to 100 iron-on transfers, depending on their thickness. You may want to print your image on plain paper before printing it on an iron-on transfer. This ensures you do not waste iron-on transfers perfecting the image you want to print. When the image prints to your satisfaction, load the iron-on transfers.

> **Note:** For best results, load iron-on transfers one at a time.

Step 1: Load the iron-on transfers

- If your iron-on transfers include instructions, read them carefully.

- Load the iron-on transfers vertically against the right side of the paper support.
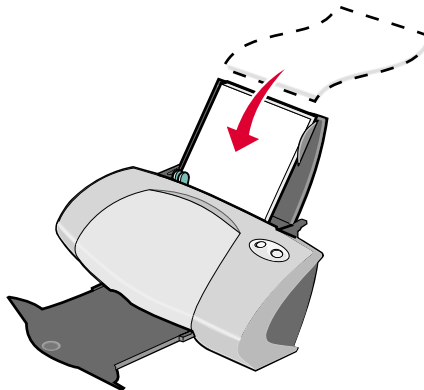
- Make sure your iron-on transfers are not used or damaged.

- Make sure the print (blank) side is facing you.

- Do not force the iron-on transfers into the printer.

- Squeeze and slide the paper guide to the left edge of the iron-on transfers.
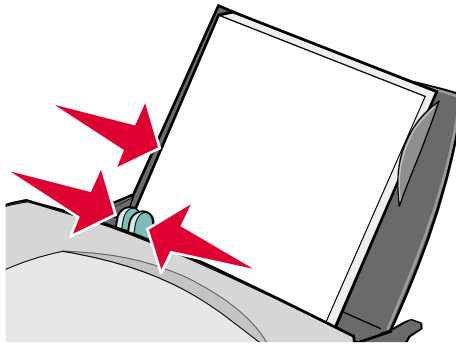
> **Note:** If you are using Letter size iron-on transfers, adjusting the paper guide may not be necessary.

Step 2: Customize the print settings

1. Choose a paper size:

   a. From the software program, choose **File ▸ Page Setup**.

   b. From the Paper Size pop-up menu, choose a paper size.

   c. Click **OK**.

2. Choose a paper type and print quality:

   a. From the software program, choose **File ▸ Print**.

   b. From the pop-up menu in the upper left corner, choose **Paper Type/Quality**.

   c. From the Paper Type pop-up menu, choose **Iron-On Transfer**.

   > **Note:** Choosing Iron-On Transfer automatically mirrors the image you want to print. Make sure you do not select an option from your software program that mirrors your image.

   d. From Print Quality, select your preferred print quality. Normal is the default.

   > **Note:** Higher print quality settings result in better quality documents, but may take longer to print.

Step 3: Print your iron-on transfers

Click **Print**.

> **Note:** To prevent smudging, remove each iron-on transfer as it exits the printer, and then let it dry before stacking. You can also set extra time between pages as they exit the printer. For help, see the entry on "Wait for pages to dry" on page 11.

Printing transparencies

You can load up to 50 transparencies, depending on the thickness of the transparencies.

Step 1: Load the transparencies

- Use transparencies designed for inkjet printers.
- If the transparencies have paper backing sheets, make sure you separate the paper from the transparencies before you load them.
- If your transparencies include instructions, read them carefully.
- Load the transparencies vertically against the right side of the paper support.
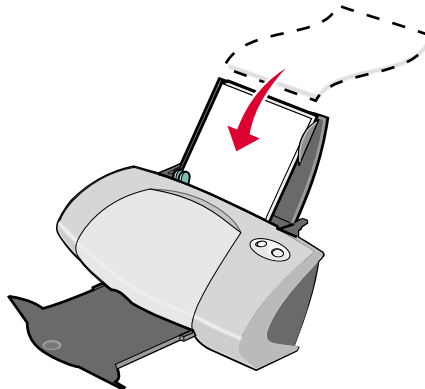
- Make sure your transparencies are not used or damaged.
- Make sure the rough (print) side of the transparencies is facing you. If the transparencies have a removable strip, make sure each strip is facing away and down toward the printer.
- Do not force the transparencies into the printer.

• Squeeze and slide the paper guide to the left edge of the transparencies.
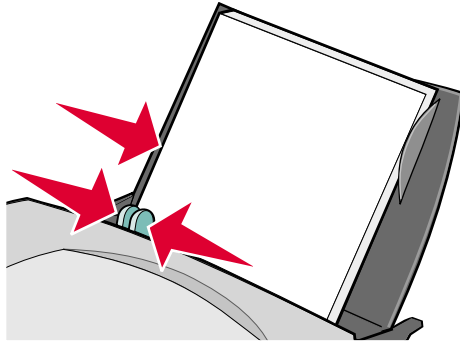
> **Note:** If you are using Letter size transparency paper, adjusting the paper guide may not be necessary.

Step 2: Customize the print settings

1 Choose a paper size and orientation:

    a From the software program, choose **File ▸ Page Setup**.

    b From the Paper Size pop-up menu, choose a paper size.

    c From Orientation, click the portrait or landscape icon.

    d Click **OK**.

2 Choose a paper type and print quality:

    a From the software program, choose **File ▸ Print**.

    b From the pop-up menu in the upper left corner, choose **Paper Type/Quality**.

> **Note:** If Automatic is not chosen in the Paper Type pop-up menu, choose **Transparency** as the paper type. For more information, see "Using the paper type sensor" on page 14.

    c From Print Quality**,** select your preferred print quality. Normal is the default.

> **Note:** Higher print quality settings result in better quality documents, but may take longer to print.
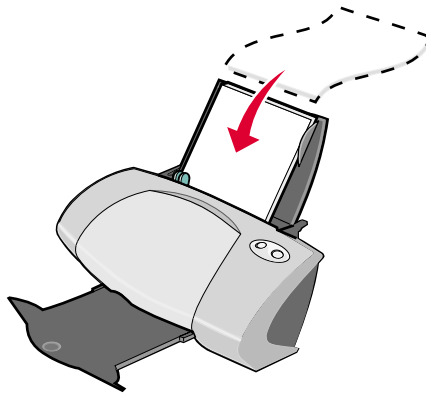
Step 3: Print your transparencies

Click **Print**.

> **Note:** To prevent smudging, remove each transparency as it exits the printer, and then let it dry before stacking. You can also set extra time between pages as they exit the printer. For help, see the entry "Wait for pages to dry" on page 11. Transparencies may require up to 15 minutes to dry.
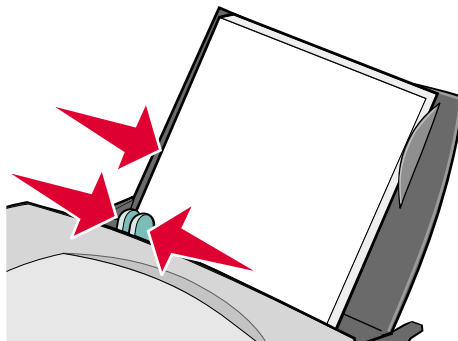
Printing your document in reverse order

Step 1: Load the paper

- Load the paper vertically against the right side of the paper support.

- Make sure the print side is facing you.
- Do not force the paper into the printer.
- Squeeze and slide the paper guide to the left edge of the paper.

> **Note:** If you are using Letter size paper, adjusting the paper guide may not be necessary.

Step 2: Customize the print settings

1 Choose a paper size and orientation:

    a From the software program, choose **File ▸ Page Setup**.

    b From the Paper Size pop-up menu, choose a paper size.

    c From Orientation, click the portrait or landscape icon.

    d Click **OK**.

2 Choose a layout for the document:

    a From the software program, choose **File ▸ Print**.

    b From the pop-up menu in the upper left corner, choose **Layout**.

    c Make sure that the **Print Last Page First** check box is selected.

3 Continue to customize your document based on your paper type.

Step 3: Print your document

Click **Print**.

> **Note:** The paper exit tray holds up to 50 sheets of paper. If you want to print more than 50 sheets, remove the first 50 sheets, and then continue printing.
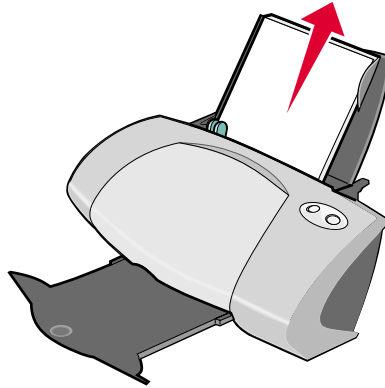
Printing a banner

> **Note:** Some software programs and some operating systems do not support banner printing.

Step 1: Load the banner paper

Make sure your banner paper is not used or damaged.

1 Remove any paper from the paper support.

2 Place behind the printer a stack of banner paper with *only* the number of sheets you need to print your banner. Your printer can accommodate a maximum banner length of 20 sheets in a continuous form paper.

> **Note:** Loading excess banner paper may cause a paper jam. For help, see "Printer has a paper jam" on page 67.

3 Load the leading edge of the banner paper into the printer against the right side of the paper support.
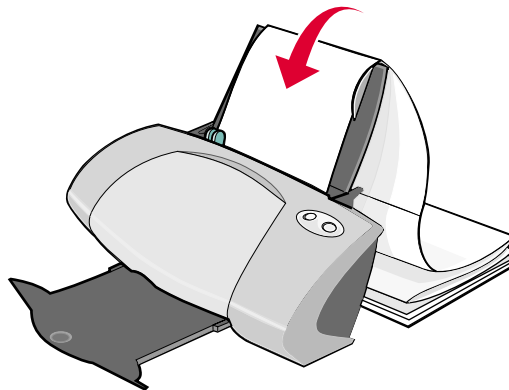
4 Squeeze and slide the paper guide to the left edge of the banner paper.
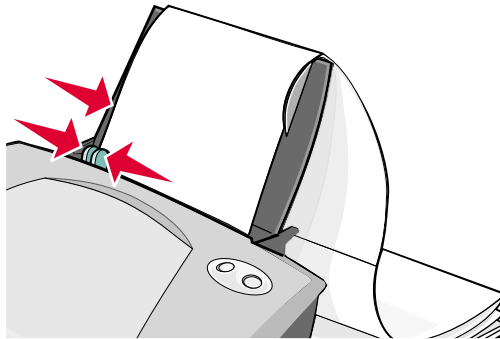
Step 2: Customize the print settings

1 Choose a paper size and orientation:

  a From the software program, choose **File ▸ Page Setup**.

  b From the Paper Size pop-up menu, choose **Banner (A4)** or **Banner (Letter)**.

   Note: If you do not choose the correct paper size, the banner paper may cause a paper jam. For help, see "Printer has a paper jam" on page 67.

  c From Orientation, click the portrait or landscape icon.

  d Click **OK**.

2 Choose a paper type, print quality, and layout:

  a From the software program, choose **File ▸ Print**.

  b From the pop-up menu in the upper left corner, choose **Paper Type/Quality**.

   Note: If Automatic is not chosen in the Paper Type pop-up, choose **Plain** as the paper type. For more information, see "Using the paper type sensor" on page 14.

 **c** From Print Quality, select your preferred print quality. Normal is the default.

   Note: Higher print quality settings result in better quality documents, but may take longer to print.

  d Choose **Layout** from the pop-up menu in the upper left corner.

  e Make sure that the **Print Last Page First** check box is *not* selected.

Step 3: Print your banner

1 Click **Print**.

2 When the banner is finished printing, press the **Paper Feed** button to feed any extra banner paper through the printer.

Printing a poster
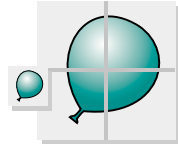
You can enlarge a single page image to print on multiple pages and create a poster. Poster sizes are 2x2 (four pages), 3x3 (nine pages), and 4x4 (16 pages).

Depending on your software program, you may need to resize your poster text, choose a font type and style, and adjust the document layout before you print.
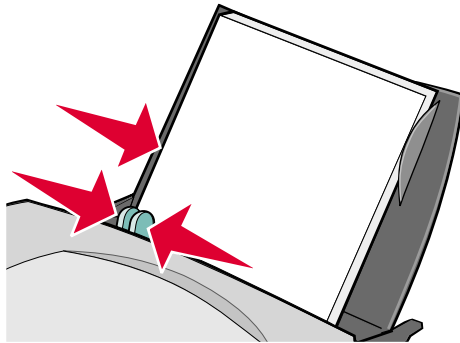
Step 1: Load the paper

- Load the paper vertically against the right side of the paper support.
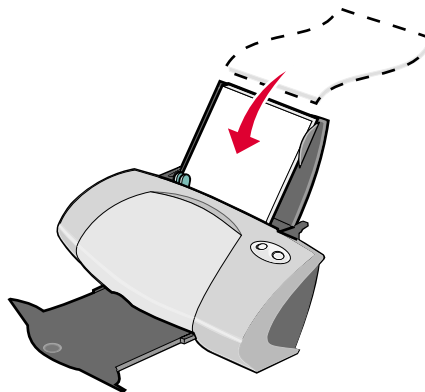
- Make sure your paper is not used or damaged.
- Do not force the paper into the printer.

- Squeeze and slide the paper guide to the left edge of the paper.

> **Note:** If you are using Letter size paper, adjusting the paper guide may not be necessary.

Step 2: Customize the print settings

1. Choose a paper size and orientation:

   a. From the software program, choose **File ▸ Page Setup**.

   b. From the Paper Size pop-up menu, choose a paper size.

   > **Note:** Make sure that Banner and Envelope are not selected as these are not compatible with Poster.

   c. From Orientation, click the portrait or landscape icon.

   d. Click **OK**.

2. Choose a paper type and print quality:

   a. From the software program, choose **File ▸ Print**.

   b. From the pop-up menu in the upper left corner, choose **Paper Type/Quality**.

   > **Note:** If Automatic is not chosen in the Paper Type pop-up, choose **Plain** as the paper type. For more information, see "Using the paper type sensor" on page 14.

   c. From Print Quality, select your preferred print quality. Normal is the default.

   > **Note:** Higher print quality settings result in better quality documents, but may take longer to print.

3 Choose a layout:

    a From the Print dialog box, choose **Layout** from the pop-up menu in the upper left corner.

    b Click **Poster**.

    c Select a poster size. Options are **2x2** (four pages), **3x3** (nine pages), and **4x4** (16 pages).

Step 3: Print your poster

Click **Print**.

Step 4: Assemble your poster

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


Printed pages with the white edge trimmed from two adjacent sides

Trimmed edges
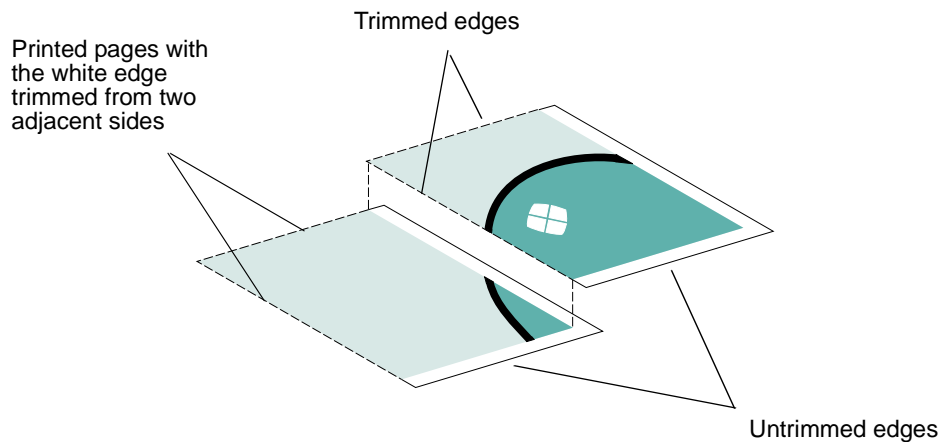
Untrimmed edges

2 Arrange the pages so that every trimmed edge overlap an untrimmed edge (the white edge).

3 Tape the backs of the pages together.

4 To complete your poster, trim any remaining white edges.

Printing on custom size paper

You can load up to 100 sheets of custom size paper at a time, depending on the thickness of the paper.

Step 1: Load the custom size paper

- Load the paper vertically against the right side of the paper support.
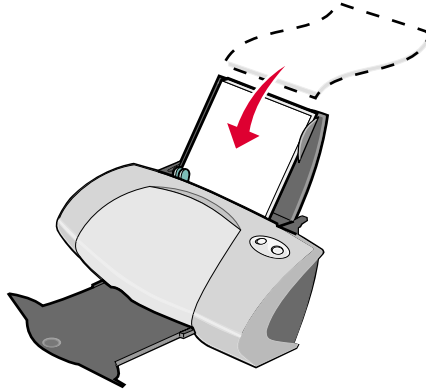
- Make sure your paper is not used or damaged.
- Make sure the paper size fits within these dimensions:
    - Width: 76 to 216 mm (3 to 8.5 in.)
    - Height: 127 to 432 mm (5 to 17 in.)
- Make sure the print side is facing you.
- Do not force the paper into the printer.
- Squeeze and slide the paper guide to the left edge of the paper.
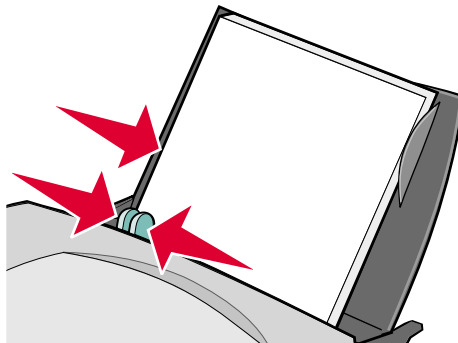
Step 2: Customize the print settings

1 Create a custom paper size:

a From the software program, choose **File ▸ Page Setup**.

b From the Paper Size pop-up menu, choose **Edit Custom Paper Sizes**, and then click **New**.

c From the Units pop-up menu, choose **in.** (inches) or **mm** (millimeters), and then type the dimensions for your custom paper size.

d From the Kind pop-up menu, choose **Letter**, **Envelope**, **Card**, or **Photo** and then type a name for your custom paper size in the Paper Size Name box.

e Click **Save**, and then click **Done**.

f Click **OK** on the Page Setup dialog box.

2 Continue to customize your document based on your paper type.

Step 3: Print your document

1 From the software program, choose **File ▸ Print**.

2 Click **Print**.

3 Maintenance

Replacing the print cartridges

The Z700-P700 Series uses the following cartridges:

Left cartridge carrier: Color cartridges only	Right cartridge carrier: Black or Photo cartridges
19	48
20	50
25	55
	90 (Photo)

Note: You can use the printer with just a color cartridge or just a black cartridge. You must have a color cartridge installed when you print with a photo cartridge.
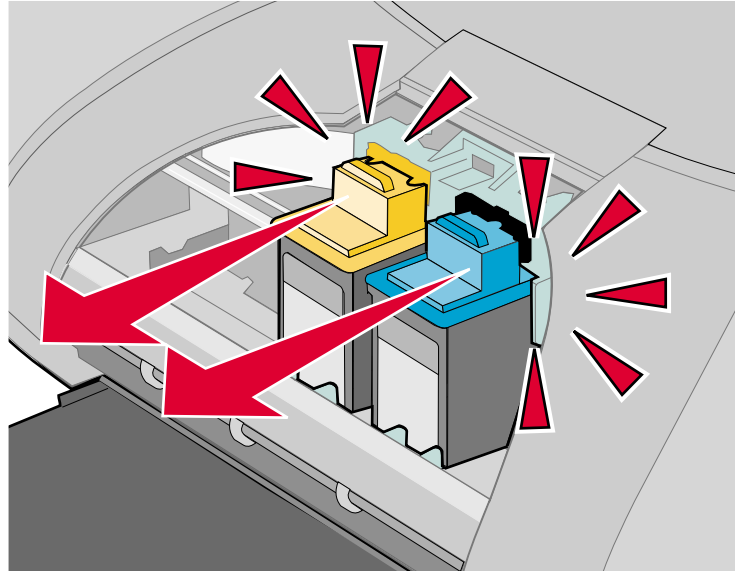
For information about ordering supplies, see page 57.

Remove the used cartridges

1 Make sure the power light is on.

2 Raise the front cover.
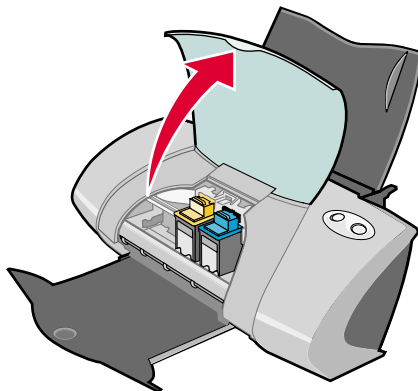
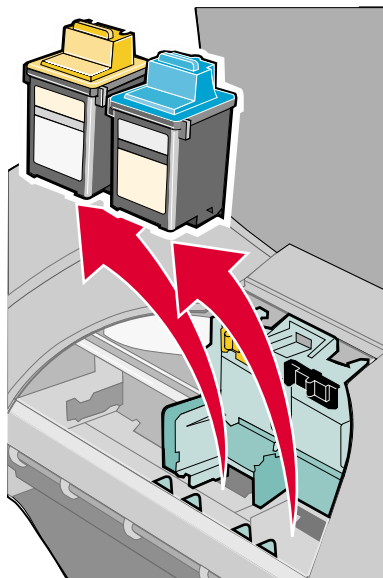The cartridge carrier moves to the loading position, unless the printer is busy.

**3** Pull the cartridges towards you until you hear a *snap*.

4 Remove the used cartridges. Store them in an airtight container or dispose of them properly. When removing the photo cartridge to exchange it with a black cartridge, store the photo cartridge in the storage unit provided.
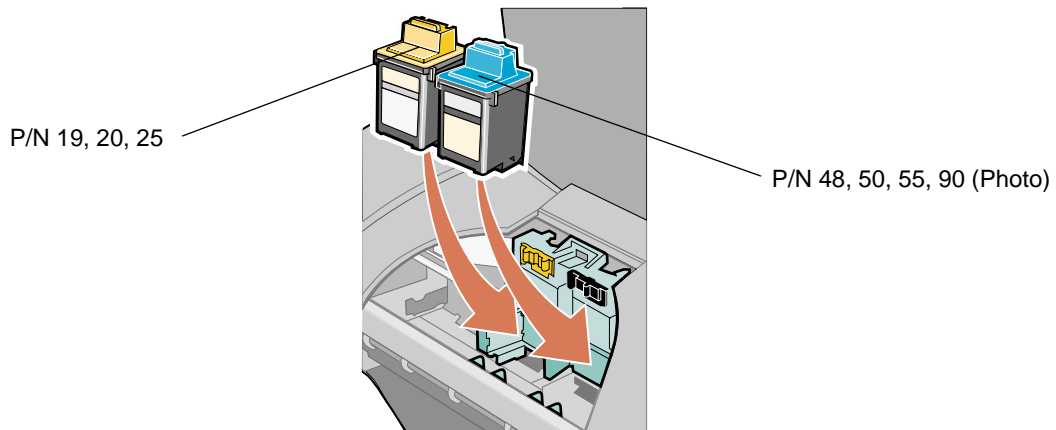
Install the cartridges

1 If you are installing new cartridges, remove the sticker and transparent tape from the back and bottom of each print cartridge.
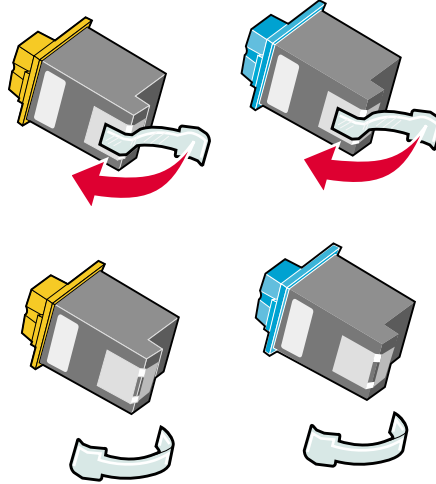

Warning: Do *not* touch or remove the gold contact area on the back and bottom of each print cartridge.

2 Insert the color cartridge in the left carrier. Insert the black or photo cartridge in the right carrier.
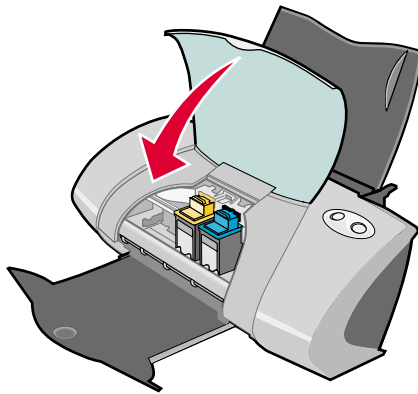

P/N 19, 20, 25

P/N 48, 50, 55, 90 (Photo)

Note: To extend the life of your color cartridge and improve printing speed, install a black or photo cartridge along with the color cartridge.

3 Snap the cartridges into place.
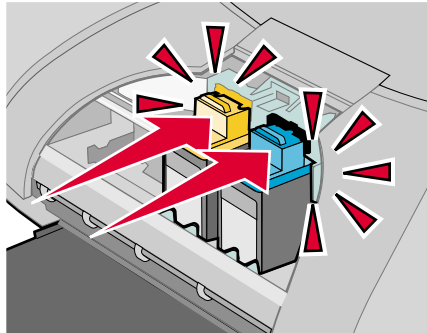
4 Close the front cover.

Note: The front cover must be closed to start a print job.

Specify cartridge settings in the printer software

Before you specify the print cartridge settings in the printer software, install the cartridges. For help, see "Install the cartridges" on page 52.

1 From the Apple menu, choose **Control Panels ▸ Z700-P700 Series Control Panel**.

2 From the Cartridges tab, click **Install/Change Cartridge.**

The Cartridge Setup dialog box appears. Follow the instruction on the screen to install the cartridges.

3 Click **Continue**.

The Cartridge Verification dialog box appears.

4 Select the part numbers of the cartridges you are installing.

5 Select **Yes, it is old** if the cartridge has been used before, or **No, it is new** if the cartridge has not been used before.

> **Note:** If an old cartridge is incorrectly identified as new cartridge, ink levels in the Control Panel may be incorrect.

6 Click **OK.**

Aligning the print cartridges

Typically, you only align print cartridges after installing or replacing a cartridge. However, you may also need to align cartridges when:

- Characters are improperly formed or are misaligned at the left margin.
- Vertical, straight lines are wavy.

To align the cartridges:

1 Load paper.

2 From the Apple menu, choose **Control Panels** ▸ **Z700-P700 Series Control Panel**.

3 From the Cartridges tab, click **Align Cartridges**.

The Cartridge Alignment dialog box appears.

4 Click **Continue** to print the alignment page.

5 On the Alignment Status dialog box, click **OK** if automatic alignment is successful. If automatic alignment is not successful, click **Yes** to print a manual alignment page.

6 Find the number under the darkest arrow for each alignment group on the printed alignment page.

7 On the screen, use the arrows in the Align Cartridges dialog box to select the number that matches the darkest arrow on the printed page for each alignment group.

8 Click **OK**.

If the alignment page does not print, see "Alignment page does not print" on page 65.

Improving print quality

If you are not satisfied with the print quality of your document, first make sure you:

- Use the appropriate paper for the document. For example, use photo paper if you are printing a photo.
- Use paper that is heavier, bright white, or coated.

- Select a higher print quality:

    1 From the software program, choose **File** ▸ **Print**.

    2 From the pop-up menu in the upper left corner, choose **Paper Type/Quality**.

   **3** Select **Better** or **Best**.

If your document still does not have the print quality you want, follow these steps:

1 Reinsert the print cartridges.

  a Remove the print cartridges. For help, see "Remove the used cartridges" on page 50.

  b Insert the print cartridges. For help, see "Install the cartridges" on page 52.

  c Align the print cartridges. For help, see "Aligning the print cartridges" on page 54.

  d Print your document again.

  e If print quality has not improved, clean the print cartridge nozzles.

2 Clean the print cartridge nozzles.

  a Load paper.

  b From the Apple menu, choose **Control Panels** ▸ **Z700-P700 Series Control Panel**.

  c From the Cartridges tab, click **Clean Print Nozzles**.

    A nozzle page prints forcing ink through the nozzles to clean any that are clogged.

  d Print your document again to verify that your print quality has improved.

  e To further improve print quality, continue with step 3.

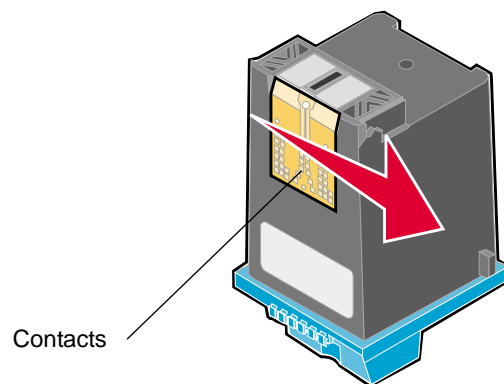**3** Wipe the print cartridge nozzles and contacts.

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

  a Remove the print cartridges. For help, see "Remove the used cartridges" on page 50.

  b Dampen a clean, lint-free cloth with water.

c Gently hold the cloth against the nozzles for about three seconds, and then wipe in the direction shown.
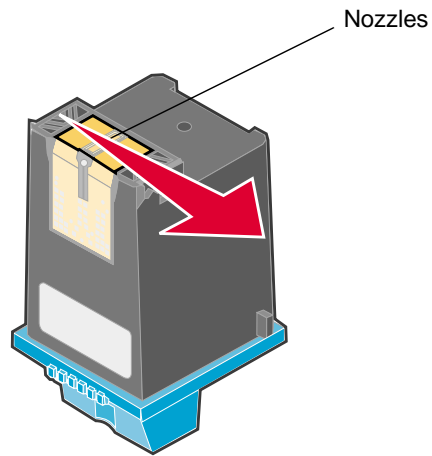
Nozzles

d Using another clean section of the cloth, gently hold the cloth against the contacts for about three seconds, and then wipe in the direction shown.

Contacts

e Allow the nozzles and contacts to dry completely.

f Reinstall the print cartridges, and then print your document again.

If the print quality has not improved, clean the print cartridge nozzles up to two more times.

If print quality is still unsatisfactory, replace your print cartridges. For help, see "Replacing the print cartridges" on page 50.

Preserving the print cartridges

To ensure the longest life from your print cartridges 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 airtight container. The print cartridges do not print correctly if left exposed for an extended period.

- Keep your photo cartridge in its own storage unit when not in use.

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

Ordering supplies

To order supplies or locate a dealer near you, contact the Lexmark Web site at **www.lexmark.com**.

Item:	Part number:
Color cartridge	19 20 25
Black cartridge	48 50 55
Photo cartridge	90
USB cable	12A2405

4 Setup troubleshooting

Troubleshooting checklist

- ☑ Is the power supply firmly attached to your printer and a properly grounded electrical outlet?
- ☑ Are both your printer and computer on? If you are using your printer on a network, make sure your computer is connected to the network, your Lexmark adapter is on, and all indicator lights are on. For more information, refer to the adapter documentation.
- ☑ Is your USB cable securely attached to your printer and to your computer or Lexmark adapter?
- ☑ Are the printer lights blinking? If they are, see "Understanding error messages and flashing lights" on page 62.
- ☑ Did you remove the sticker and transparent tape from the back and bottom of each print cartridge?
- ☑ Did you install the print cartridges correctly? For help, see "Install the cartridges" on page 52.
- ☑ Is the paper loaded correctly? Make sure you do not push the paper too far into the printer. If the Paper Feed light is blinking, see "Understanding error messages and flashing lights" on page 62.
- ☑ Did you install the printer software correctly?

    From the Apple menu, choose **Control Panels ▸ Z700-P700 Series Control Panel**.

    If there is no Control Panel for your printer, install the printer software.

☑ Is the printer set as the default printer?

> To set the printer to be the default printer:

> **1** From your desktop, click the **Z700-P700 Series** printer icon.

> **2** From the Printing menu, choose **Set Default Printer**.

☑ Is your printer directly connected to your computer? If it is connected through an external device such as a USB hub, switch box, scanner, or fax machine, follow these corrective steps:

> **1** Disconnect your printer from any external devices.

> **2** Connect your printer directly to your computer with a USB cable.

> **3** Print a test page.

> > **a** From the Apple menu, choose **Control Panels ▸ Z700-P700 Series Control Panel**.

> > **b** From the Cartridges tab, click **Print Test Page**.

> > > • If the test page prints, the printer is working properly. The initial problem may be due to your external devices, not your printer. Check the documentation that comes with your external devices for help.
> > > • If the test page does not print, refer to the printer software Help for further troubleshooting information. See also "Test page does not print" on page 64.

When I insert the printer software CD, nothing happens

1 Close all open software programs.

2 Remove the printer software CD.

3 Restart your computer.

4 When your desktop appears, insert the printer software CD.

The Lexmark Z700-P700 Series CD icon is created on your desktop.

5 Follow the instructions in "Installing the printer software" on page 60 to complete the printer software installation.

Solving printer software installation problems

If the printer software does not install properly, a communications error message appears when you try to print. You may need to remove the printer software, and then reinstall it.

Removing the printer software

There are two ways to remove the printer software. One way to remove it is as follows:

1 From your desktop, double-click the **Lexmark Z700-P700 Series CD** icon. If the CD icon is not on your desktop, insert the printer software CD to relaunch it.

The Lexmark Z700-P700 Series CD dialog box appears.

2 Double-click **Install**.

3 Click **Uninstall**.

4 Follow the steps on your screen to complete printer software removal.

Another way to remove the printer software is as follows:

1 From your desktop, double-click the **Z700-P700 Series Printer** folder.

The Z700-P700 Series Printer dialog box appears.

2 Double-click the **Z700-P700 Series Uninstaller**.

3 Click **Uninstall**.

4 Follow the steps on your screen to complete printer software removal.

5 Click **OK** when you get the notification that printer software removal is successful.

6 Restart the computer before reinstalling the printer software.

Installing the printer software

You can install the printer software using the printer software CD that comes with your printer, or you can download it from the Lexmark Web site at **www.lexmark.com**.

To connect your printer to a network with a Lexmark adapter, refer to the documentation that comes with your adapter.

Using the CD that comes with your printer

1 Close all open software programs.

2 When your desktop appears, insert the printer software CD.

The Lexmark Z700-P700 Series CD icon is created on your desktop.

3 Double-click the **Lexmark Z700-P700 Series CD** icon.

The Lexmark Z700-P700 Series CD dialog box appears.

4 Double-click **Install**.

5 Click **Install and Agree**.

6 Choose the country or region closest to you, and then click **Continue**.

> **Note:** If the Printer Selection or the New Network Printer Found dialog box appears, follow the instructions displayed. Click the **?** on the screen or contact your network administrator for help.

7 Follow the instructions on the screen to complete printer software installation.

8 When printer software installation is complete, you can:

- Register your printer on the Internet.
- Print a test page to observe your printer in action.
- Check the Lexmark Web site for offers (United States and Canada only).

9 Click **Finished** when you are done.

10 The Z700-P700 Series printer icon is automatically created on your desktop. You are now ready to start using your Lexmark Z700-P700 Series printer.

Using the World Wide Web

Installing the printer software from the Web is as easy as:

1 Make sure Stuffit Expander is loaded on your system.

2 Access the Lexmark Web site, **www.lexmark.com**.

3 On the home page, navigate through the menu selection and click **Drivers & Downloads.**

4 Select the printer and the printer driver for your operating system.

5 Follow the instructions on the screen to download the driver and install the printer software.

5 General troubleshooting

For information about:	See page:
Solving network printing problems	62
Understanding error messages and flashing lights	62
Resolving unsuccessful or slow printing	64
Recovering when your computer stops responding	66
Clearing paper misfeeds or jams	66
Solving print quality problems	67
Solving specialty media problems	70

Solving network printing problems

If you are connected to a network with a Lexmark adapter, see the adapter documentation for troubleshooting information.

Understanding error messages and flashing lights

Use this section to understand printer software error messages on your computer screen and blinking lights on your printer. For information about lights on a Lexmark adapter, refer to the adapter documentation.

Paper Jam message

For help clearing a paper jam, see "Printer has a paper jam" on page 67.

Ink Low message

A print cartridge is running out of ink. To order a new cartridge or locate a dealer near you, see "Ordering supplies" on page 57, or contact the Lexmark Web site at **www.lexmark.com**. For help in replacing the cartridges, see "Replacing the print cartridges" on page 50.

Paper Feed light is blinking
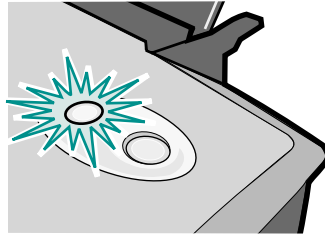
If the printer is out of paper:

1 Load paper.

2 Press the **Paper Feed** button.

If the printer has a paper jam, see "Printer has a paper jam" on page 67.

Power light is flashing
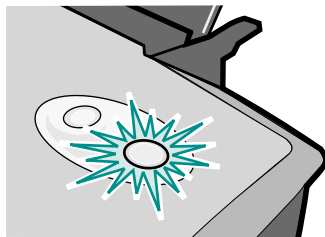
The print cartridge carrier is stalled.

1 Check your computer screen for error messages.

2 Turn the printer off.

3 Wait a few seconds, and then turn the printer back on.

If the cartridge carrier is stalled due to a paper jam, see "Printer has a paper jam" on page 67.

Resolving unsuccessful or slow printing

The following topics can help you correct unsuccessful or slow printing.

Printer is plugged in, but does not print

Make sure:

- The printer is on and the printer cable is securely attached at both ends. If your printer is connected to a network, make sure the Lexmark adapter is on and all indicator lights are on. For help, refer to the adapter documentation.

- The paper is loaded correctly and not pushed too far into the printer. If the paper is jammed, see "Clearing paper misfeeds or jams" on page 66.

- The printer is not held or paused. To check the printer status:

  1 From your desktop, double-click the **Z700-P700 Series** printer icon.

  2 Make sure the **Hold** button is not selected.

- The printer is set as the default printer. To set the printer as the default:

  1 From your desktop, double-click the **Z700-P700 Series** printer icon.

  2 From the Printing menu, choose **Select Default Printer**.

After you check these items, print a test page.

Printing a test page

1 From the Apple menu, choose **Control Panels ▶ Z700-P700 Series Control Panel**.

2 From the Cartridges tab, click **Print Test Page**.

- If the test page prints, the printer is working properly.
- If the test page does not print, continue with the following section or refer to the printer software Help for further troubleshooting information.

Test page does not print

For help, first see "Troubleshooting checklist" on page 58, and then:

- If the paper is jammed, see "Clearing paper misfeeds or jams" on page 66.

- Make sure the printer is not held or paused. To check the printer status:

  1 From your desktop, double-click the **Z700-P700 Series** printer icon.

  2 Make sure the **Hold** button is not selected.

  3 Print your test page again. If it still does not print, see:

Alignment page does not print

Make sure:

- You completely removed the transparent tape and sticker from the back and bottom of each print cartridge.

- You installed the cartridges correctly. For help, see "Install the cartridges" on page 52.

- You loaded the paper correctly and did not force the paper into the printer.

- If you are connected to a network with a Lexmark adapter, the indicator lights are on. For more information, see the adapter documentation.

Printer ejects a blank page after appearing to print

Make sure:

- You remove the sticker and transparent tape from the back and bottom of each print cartridge. For help, see "Install the cartridges" on page 52.

- Your cartridges do not have clogged nozzles. Clean the print cartridge nozzles. Follow the steps in "Improving print quality" on page 54.

Printer prints very slowly

- Close any software programs not in use.

- Check the document you are printing. Photos and graphics may take longer to print than regular text. Documents that are large or that contain background images may also take longer to print.

- Check the printer to see if another document is printing. Print jobs are printed in the order the printer receives them.

- Decrease the print quality setting to **Normal** or **Quick Print**.

    Note: Higher print quality settings result in better quality documents, but may take longer to print.

Recovering when your computer stops responding

If your computer locks up while your document is printing, turn off the printer and the computer. When you turn them back on, the printer may attempt to start printing your job again. This could cause your system to lock up again.

1   Disconnect the printer cable from your computer.

2   Restart your computer.

3   Delete the print job:

    a From your desktop, double-click the **Z700-P700 Series** printer icon.

        The Z700-P700 Series dialog box appears, listing all pending or stalled print jobs.

    b Highlight each print job and click the trash icon.

4   Plug the printer cable back into the computer.

Clearing paper misfeeds or jams

The following topics can help you correct paper misfeeds or jams.

Paper misfeeds or multiple sheets feed

Make sure:

- The edges of your paper are not curled.

- Your paper is designed for inkjet printers.

- A piece of paper from a previous print job is not jammed.

- You do not load too much paper. Depending on the thickness of the paper, you can load up to 100 sheets of plain or coated paper, 50 transparencies, 25 labels or cards, or 10 envelopes.

- You do not force the paper into the printer.

- The paper guide is against the left edge of the paper.

- The paper guide does not cause the paper to bow.

- The printer is on a flat, level surface.

- The printer settings you have chosen are correct for the type of document you are printing. For help, see "Printing ideas" on page 16.

Printer does not feed specialty media

Make sure:

- You load the specialty media vertically against the right side of the paper support. Squeeze and slide the paper guide to the left edge of the specialty media. For help, see "Printing ideas" on page 16.

- You choose the appropriate specialty media size. See "Page Setup dialog box" on page 10 and "Print dialog box" on page 11.

- You are using a specialty media size supported by your printer.

- Your software program is designed to print your specialty media. For help, check your software program documentation.

- The specialty media is not jammed. For help, see "Printer has a paper jam" in the following section.

- Your printer is not held or paused. To check the printer status:

  1 From your desktop, double-click the **Z700-P700 Series** printer icon.

  2 From the Printing menu, make sure **Start Print Queue** is selected.

Printer has a paper jam

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

1 Turn the printer off.

2 Turn the printer back on.

3 If the printer does not automatically eject the page:

  a Turn the printer off.

  b Pull firmly on the paper to remove it.

   If you cannot reach the paper, raise the front cover, pull the paper out, and then close the front cover.

  c Turn the printer on.

   Note: Do not force the paper into the printer.

Solving print quality problems

If print quality is unsatisfactory, you may need to adjust your margin settings, choose a higher print quality, align the print cartridges, or clean the nozzles.

The following topics can help you improve print quality.

Print is too dark or smudged

- Make sure the paper is straight and not wrinkled.

- Let the ink dry completely before handling the paper. You can also set extra time between pages as they exit the printer. For help, see the entry "Wait for pages to dry" on page 11.

- Make sure the paper type and paper size settings in the printer software match the paper loaded in the printer. For help, see "Using the printer software" on page 9.

- Make sure the print quality setting is appropriate for the paper type.

- Clean the print cartridge nozzles. Follow the steps in "Improving print quality" on page 54.

Vertical straight lines are not smooth

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

- Select a higher print quality.

- Align the print cartridges. For help, see "Aligning the print cartridges" on page 54.

- Clean the print cartridge nozzles. Follow the steps in "Improving print quality" on page 54.

Print smears on the page

- You can set extra time between pages as they exit the printer. For help, see the entry "Wait for pages to dry" on page 11.

- The next page exiting the printer may be smearing the ink. Remove each page as it exits the printer, and then let it dry completely before stacking.

- Clean the print cartridge nozzles. Follow the steps in "Improving print quality" on page 54.

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

- Click **Better** or **Best** print quality.

- Print the document in the foreground rather than in the background. For help, see the entry "Print in: Foreground" on page 12.

- If your printer is connected to your computer through a hub or peripheral device, such as a scanner or fax machine, connect the printer directly to your computer with a USB cable.

- If your printer is connected to your network, connect the printer directly to your computer with a USB cable.

Print quality is poor at the edges

- Make sure that the Lexmark printer is the default printer.
- Clean the print cartridge nozzles and contacts. Follow the steps in "Improving print quality" on page 54.
- Print your document without borders.

If you want to print your document with borders, make sure your margins fall within the following settings.

Margin:	Minimum setting:
Left and right	6.35 mm (0.25 in.) for U.S. Letter, U.S. Legal, Banner Letter, and custom paper sizes 3.175 mm (0.125 in.) for envelopes 3.37 mm (0.13 in.) for most paper sizes
Top	1.7 mm (0.067 in.)
Bottom	12.7 mm (0.5 in.) for black print jobs 19 mm (0.75 in.) recommended for color print jobs

Printed characters are improperly formed or misaligned

- Cancel all print jobs and print your job again. To cancel all print jobs:

    1 From your desktop, double-click the **Z700-P700 Series** printer icon.

    The Z700-P700 Series dialog box appears, listing all pending or stalled print jobs.

    2 Highlight each print job and click the trash icon.

- Align the print cartridges. For help, see "Aligning the print cartridges" on page 54.
- Clean the print cartridge nozzles. Follow the steps in "Improving print quality" on page 54.

Colors on the printout differ from the colors on the screen

- A cartridge may be low on ink. For help, see "Replacing the print cartridges" on page 50.
- Use a different paper brand. Each paper brand accepts ink differently and prints with color variations.
- Disconnect the printer from any extra devices such as scanners, fax machines, or hubs. Connect it directly to the computer.
- For ColorSync color matching, choose a profile and rendering intent:

    1 From the software program, choose **File ▸ Print**.

    2 From the pop-up menu in the upper left corner, choose **Color**.

3 Click **ColorSync Color Matching**.

4 Choose a printer profile and a rendering intent.

- For built-in color matching, choose Natural Color as the document color:

   1 From the software program, choose **File ▸ Print**.

   2 From the pop-up menu in the upper left corner, choose **Color**.

   3 Click **Built-In Color Matching**.

   4 From Document Color, click **Natural Color**.

Colors on the printout are faded

Try the suggestions listed in "Colors on the printout differ from the colors on the screen" in the preceding section. If the colors still seem faded, clean the print cartridge nozzles. Follow the steps in "Improving print quality" on page 54.

Characters are missing or unexpected

Clean the print cartridge nozzles. Follow the steps in "Improving print quality" on page 54.

Photos do not print as expected

- Select a higher print quality.
- Choose photo paper as the paper type.

Solving specialty media problems

The following topics can help solve problems with specialty media.

Glossy/photo papers or transparencies stick together

- Use glossy/photo paper or transparency designed for inkjet printers.
- Make sure you loaded the paper correctly (with print side facing you) and selected the appropriate settings in the printer software. For help, see "Printing photos" on page 17 or "Printing transparencies" on page 39.
- You can also set extra time between pages as they exit the printer. For help, see the entry "Wait for pages to dry" on page 11.
- Remove each page as it exits the printer, and then let it dry completely before stacking.

Transparencies or photos contain white lines

- Make sure you loaded the paper correctly (with print side facing you) and selected the appropriate settings in the printer software. For help, see "Printing transparencies" on page 39 or "Printing photos" on page 17.

- Select a higher print quality, such as **Better** or **Best**.

- Clean the print cartridge nozzles. Follow the steps in "Improving print quality" on page 54.
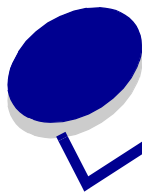
Notices

Electronic emission notices

Federal Communications Commission (FCC) compliance information statement

The Lexmark Z700 Series Color Jetprinter, type 4136-001, and Lexmark P700 Series Photo Jetprinter, type 4136-0P1, 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.
- 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 cable such as Lexmark part number 1329605 for parallel attach or 12A2405 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

(859) 232-3000

Industry Canada compliance statement

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

Avis de conformité aux normes de l'industrie du 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.

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.

Japanese VCCI notice

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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。
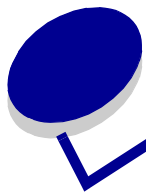
Glossary

alignment page. A page with printed alignment patterns that ejects from your printer during cartridge alignment.

alignment values. Numbers corresponding to patterns on the alignment page.

application. *See* program.

automatic alignment. A feature that automatically aligns the print cartridges.

banner paper. Continuous sheets of perforated inkjet paper designed for banners. Also called continuous form paper.

booklet. Multiple-page document printed, folded, and bundled to resemble a small book.

bundle. A group of booklet pages that are folded in half and stacked before binding.

cartridge contact. The gold area on your print cartridge that touches the carrier contacts inside your printer.

coated paper. Treated paper designed for high-quality printed images.

collate. A printer software option that lets you automatically print one complete copy of a multiple-page document before the next copy begins, and so on.

ColorSync. The industry-standard color management technology that ensures color accuracy from capture to print or online display. It delivers powerful control over color matching at every step of the workflow process.

configured printer. A printer connected to a network that has been assigned an IP address and printer name. You must configure a network-capable printer to access it over a network.

continuous form paper. *See* banner paper.

custom size paper. A non-standard paper size.

default printer. The printer automatically used when you send jobs to print.

default printer settings. Printer software settings defined when the printer is manufactured.

driver. *See* printer software.

duplex. A printer software option that lets you print on both sides of a sheet of paper.

glossy paper. Paper with one glossy side designed for photographs.

handout. Multiple-page document printed on a single sheet of paper. *See* N-up.

hub. A device used to connect several computers or peripheral devices.

IP (Internet Protocol) address. A 32-bit binary number that identifies the location of a specific computer on the Internet. Any computer directly connected to the Internet must have an IP address.

label. Self-adhesive paper.

landscape orientation. Page orientation in which text runs parallel with the long edge of the paper.

Lexmark adapter. An external device that connects your network-capable printer to a network.

manual alignment. A printer software feature that lets you select print cartridge alignment values.

margin. The blank area between printed text or graphics and the edges of a page.

mirror. A printer software option that lets you reverse an image before printing.

N-up. A printer software option that lets you print multiple pages of a document on a single sheet of paper. For example, select 4-up to print reduced images of pages 1 through 4 on the first sheet of paper, images of pages 5 through 8 on the second sheet, and so on.

natural color. A printer software option used for printing photographs and highly detailed graphic images.

network. A group of computers, printers, or other peripheral devices connected to each other for the purpose of sharing information.

network adapter. *See* Lexmark adapter.

network printer. A printer made available on a network, not connected directly to your computer.

operating system. The software that provides the basic functions needed for operating your computer. For example, Windows 98, Macintosh OS 9, or Macintosh OS X.

paper type sensor. A feature that automatically detects some types of paper loaded in the paper tray.

peripheral device. Any external device connected to and controlled by a computer.

photo paper. Treated paper designed for photographs.

plain paper. Paper designed for printing text documents.

portrait orientation. Page orientation in which text runs parallel with the short edge of the paper.

poster. An image printed on multiple sheets of paper that, when assembled, produce an enlarged version of the original image.

premium paper. Coated paper designed for reports or documents with graphics.

print cartridge. The replaceable unit inside your printer that contains the ink.

print cartridge nozzles. The gold area of the print cartridge that ink flows through before it is applied to your paper during printing.

print queue. The location on the server where print jobs are stored for printing in the order in which they are sent.

printer driver. *See* printer software.

printer software. (1) The program that lets you select settings to customize your print job. (2) The program that lets your computer communicate with your printer.

program. Any software loaded on your computer that lets you perform a specific task, such as word processing or photo editing.

remote subnet. A separate network that is connected to your local area network.

reverse order printing. A printer software option that lets you print the last page of your document first so your pages are in sequential order on the exit tray.

side flip. A printer software option that arranges duplexed pages so they turn like the pages of a magazine.

software application. *See* program.

subnet. A segment of a network that is connected to a larger network. A local area network is sometimes referred to as a local subnet.

top flip. A printer software option that arranges duplexed pages so they turn like the pages of a legal pad.

transparency. A see-through sheet of print media that can be displayed on an overhead projector.

USB cable. A lightweight, flexible cable that lets your printer communicate with your computer. USB cables transmit data at much higher speeds than parallel cables.

watermark. A light graphic or background text that appears on each page of a document.
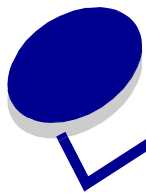
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