# *L*exmark 3200 Color Jetprinter user's guide
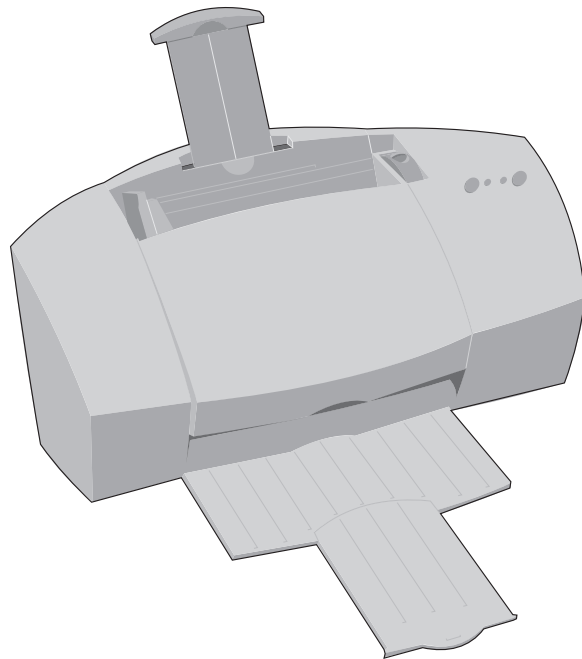
First Edition (August 1998)

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# *U*sing the printer software

*Chapter One*

When you installed the software for your printer, several applications were installed on your computer. The printer software applications allow you to perform your printing tasks with the best printing results. You can also use the printer software to care for your printer.

Use the table below to find the applications installed on your operating system.

| To use this application: | On this operating system: | See page: |
|---|---|---|
| Control Program | Windows 95, 98, 3.1, or 3.11 | 2 |
| Status Window | Windows NT 4.0 | 3 |
| Printer properties | Windows 95, 98 | 3 |
| Printer Defaults | Windows NT 4.0 | 4 |
| Spool Manager | Windows 3.1, 3.11 | 6 |

# Using the Control Program

The Control Program appears (or runs minimized) each time you send a print job from Windows 95, 98, 3.1, or 3.11.

Use the Control Program when you want to:

- Install or replace print cartridges
- Align print cartridges
- Monitor print jobs and print cartridge ink levels
- Print a test page
- Change DOS settings
- Control when and how the Control Program appears

## Opening the Control Program in Windows 95, 98

**1** From the Start menu, click **Programs**.

**2** Click the Lexmark 3200 program group.

**3** Click **Lexmark 3200 Control Program on LPTx**.

## Opening the Control Program in Windows 3.1, 3.11

From the Lexmark 3200 program group, double-click the **Control Program** icon.
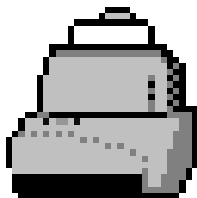
# Using the Status Window in Windows NT 4.0

A Status Windows appears (or runs minimized) each time you send a print job from Windows NT 4.0.

Use the Status Window when you want to:

- Monitor print jobs and print cartridge ink levels
- View the job progress
- Cancel a print job
- Enable printer options

### Opening the Status Window

**1** From the Start menu, click **Programs**.

**2** Click the Lexmark 3200 program group.

**3** Click **Status Window**.

# Using the printer properties

In Windows 95, 98, 3.1, or 3.11, use the printer properties when you want to:

- Choose page orientation
- Choose different sizes and types of media
- Adjust the quality of print jobs
- Reset printer defaults

### Opening the printer properties from your application

You can open the printer properties from almost any application. This allows you to change print settings for each document you print. To open the printer properties from your application:

**1** Open the application's File menu.

**2** Choose **Print** (or **Printer**) **Setup**.

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

**4** Change settings as needed.

### *Opening the printer properties from Windows*

When you open the printer properties for Windows, the settings apply to all print jobs, unless you change them from the application.

**Windows 95, 98**:

**1** From the Start menu, choose **Settings**, then choose **Printers**.

**2** From the Printers folder, right-click the printer icon for your Lexmark Color Jetprinter.

**3** Choose **Properties** from the sidebar menu.

**Windows 3.1, 3.11**:

**1** Open the Lexmark 3200 Control Program.

**2** Click the **Windows Printing tab**.

**3** Click the **Windows Driver Setup** button.

## *Using Printer Defaults in Windows NT 4.0*

In Windows NT 4.0, use the Printer Defaults when you want to:

- Choose page orientation
- Choose different sizes and types of media
- Change printer properties
- Change document color settings
- Adjust the quality of print jobs
- Monitor print cartridge ink levels
- Install or replace print cartridges
- Align print cartridges
- Clean print nozzles
- Print a test page

### *Opening the Printer Defaults window from Windows NT 4.0*

When you open the Printer Defaults window from Windows NT 4.0, the settings apply to all print jobs, unless you change them from the application. To open the Print Defaults from Windows NT 4.0:

**1** From the Start menu, click **Settings**.

**2** Click **Printers**.

**3** Right-click the Lexmark 3200 program group.

A sidebar menu appears.

**4** Click **Properties**.

**5** Click **Printer Defaults**.

### *Opening the Printer Defaults window from your application*

You can open the Printer Defaults window from almost any application. This allows you to change print settings for each document you print. To open the Printer Defaults from your application:

**1** Open the application's File menu.

**2** Choose **Print** (or **Printer**) **Setup**.

**3** In the Printer Setup dialog box, click the **Properties**, **Options**, or **Setup** button (depending on the application).
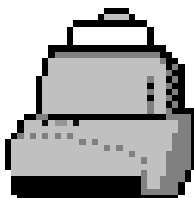
**4** Change settings as needed.

# *Using the spool manager in Windows 3.1, 3.11*

In Windows 3.1, 3.11, use your spool manager when you want to:

- View the print jobs in your queue
- Pause or cancel print jobs
- Requeue a print job

### *Opening the spool manager*

**1** From the Lexmark 3200 program group, double-click the **Control Program** icon.



**2** Click the **Windows Printing tab**.

**3** Click the **Spool Manager** button.

Windows 95, 98, and NT 4.0 come with their own version of spool manager.

# *Learning more about your printer software*

The Online Help included with your printer software describes the options for each tab and the settings within the software.

# *U*nderstanding your printer

***Chapter Two***

Your printer is a general purpose color inkjet printer that provides high quality text and graphics. This printer can print on single sheet paper, envelopes, labels, index cards, coated paper, glossy film, photo paper, transparencies, greeting cards, and iron-on transfers.

# Using the parts of the printer

This illustration shows the front parts of the printer.
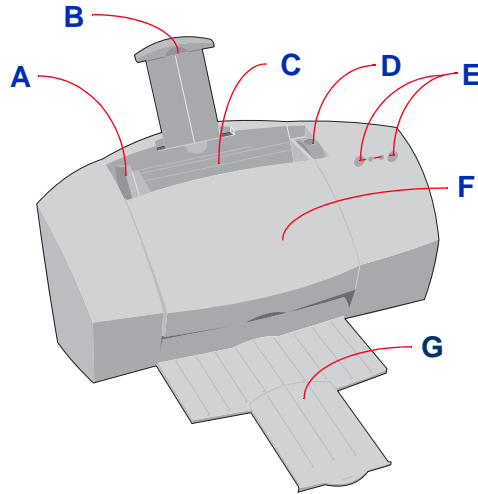
| Use the: | When you want to: |
|---|---|
| (**A**) Media guide | Align the sheet feeder to the correct paper size. |
| (**B**) Paper support | Keep paper and specialty media straight in the sheet feeder. |
| (**C**) Sheet feeder | Load paper and specialty media. |

| Use the: | When you want to: |
|---|---|
| (**D**) Media selector | Select paper or envelope loading positions.<br><br>Move the media selector to the:<br><br>• **Paper position**<br><br>  when you want to print:<br>  – Paper<br>  – Coated paper<br>  – Banner paper<br><br>• **Envelope position**<br><br>  when you want to print:<br>  – Envelopes<br>  – Photo paper<br>  – Glossy film<br>  – Transparencies<br>  – Iron-on transfers<br>  – Labels<br>  – Greeting cards<br>  – Hagaki |
| (**E**) Lights and buttons | • Use the printer lights indicate the printer status.<br>• Use the printer buttons to turn the printer on or off and eject paper from the printer. |
| (**F**) Front cover | • Install or change one or both print cartridges.<br>• Clear paper jams. |
| (**G**) Paper exit tray | Keep paper together after printing. |

The following illustration shows the back parts of the printer:
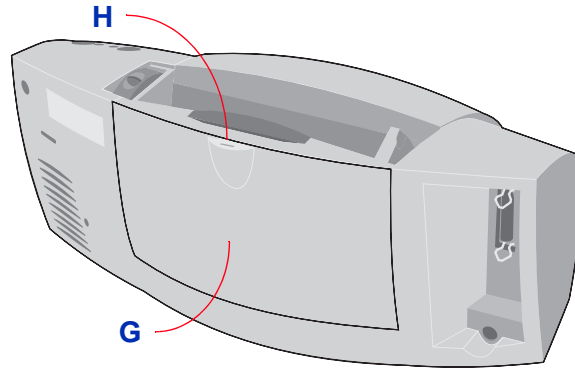


| Use the: | When you want to: |
|---|---|
| (**G**) Banner paper holder | Print on banner or continuous form paper. |
| (**H)** Banner paper support | Keep banner paper straight in the banner paper holder (maximum 10 sheets). |

# Using the printer's lights and buttons

Your printer's operator panel includes two buttons and two lights. Use the printer buttons to turn the printer on or off and eject paper from the printer. The printer lights indicate the printer status.

Power button — Power light — Paper feed light — Paper feed button
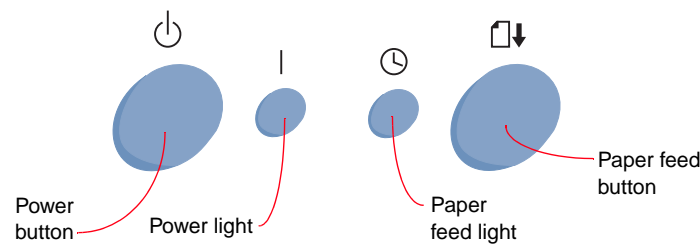
## *Printer buttons*

Your printer has a Power button and a Paper Feed button.

| Press this button: | When you: |
| --- | --- |
| Power | Turn the printer on or off. |
| Paper Feed | • Want to eject paper from the printer.<br>• Have loaded sheet feeder with paper after running out.<br>• Want to continue printing. |

# *Printer lights*

The printer has a Power light and a Paper Feed light.

| If the Power light ┃ is: | And the Paper Feed light 🕒 is: | Then the printer: |
| --- | --- | --- |
| Off | Off | is Off |
| On | Off | is On |
| On | On | is printing |
| On | Blinking | is out of paper or has a paper jam |
| Blinking | Blinking | needs service |

# *Loading paper and other media*

*Chapter Three*

Your printer can print on paper, envelopes, index cards, labels, transparencies, coated paper, glossy film, photo paper, banner paper, iron-on transfers, greeting cards, and hagaki. This chapter describes how to choose, care for, and load these items into your printer. For information about ordering supplies for inkjet printers, see "Ordering supplies" on page 77.
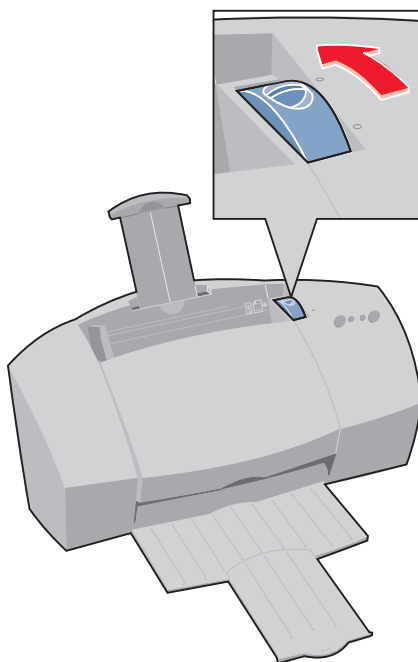
# Loading print media automatically

Depending on the thickness of the media, the printer can load approximately:

- 100 sheets of paper
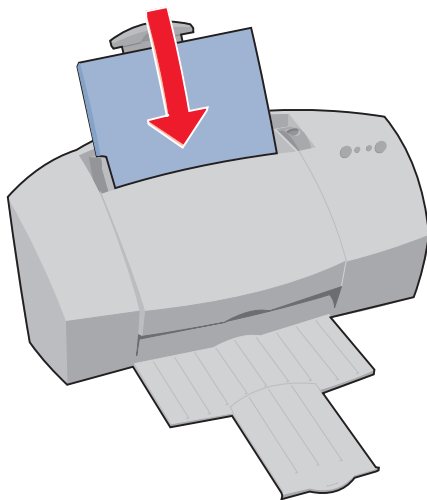- 15 envelopes or thick paper
- 30 hagaki cards or other card stock

## *Paper and coated paper*

To load up to 100 sheets of paper or coated paper automatically:

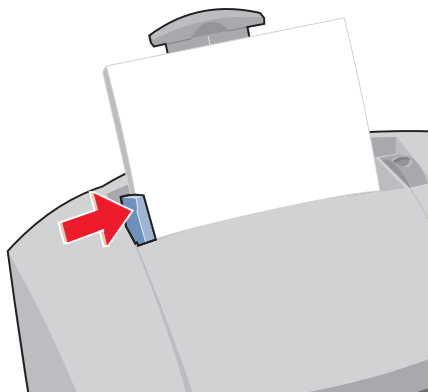**1** Make sure the media selector is in the paper position 📄.

**2** Place the paper or other media against the right side of the sheet feeder, with the print side facing you.

**Note:** You do not need to push paper into the printer or press the Paper Feed button for the printer to load paper.

**3** Slide the media guide to the edge of the paper.

You are ready to print.

**Tip:** If you change print media, remember to set the position of the media selector correctly for your next print job. For help, see "(D) Media selector" on page 9.

## *Glossy film, photo paper, labels, transparencies, and iron-on transfers*

To load glossy film, photo paper, labels, transparencies, or iron-on transfers **one sheet at a time**:

**1** Make sure the media selector is in the envelope position ▯ .

**2** Place **one sheet** of glossy film, photo paper, labels, transparency, or iron-on transfer against the right side of the sheet feeder.



If the media has a preferred print side, insert it with the print side facing you.

**Note:** You do not need to push paper into the printer or press the Paper Feed button for the printer to load paper.

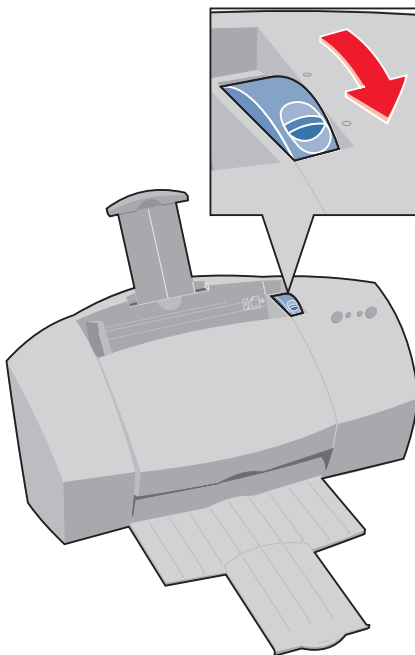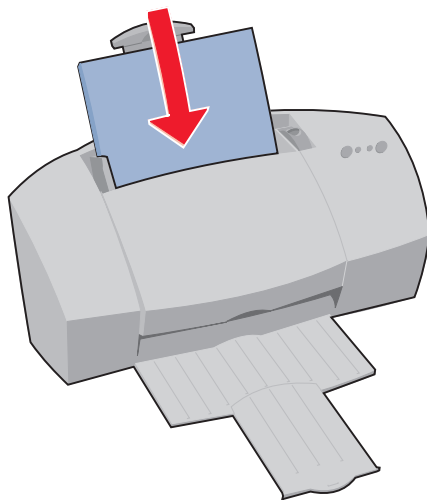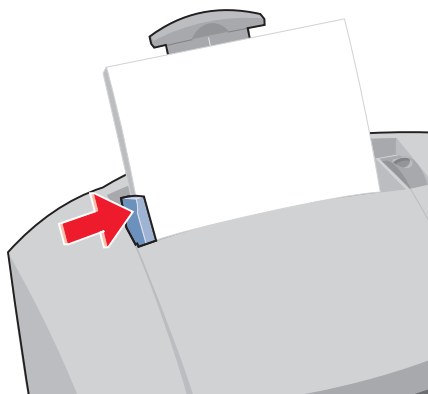**3** Slide the media guide to the edge of the paper.



You are ready to print.

### Tips

- If you are printing several transparencies at one time, remove each sheet as it exits the printer and allow it to dry before stacking.

- If you are printing several sheets of glossy or photo paper one sheet at a time, remove each sheet as it exits the printer and allow it to dry before stacking.

- If you change print media, remember to set the position of the media selector correctly for your next print job. For help, see "(D) Media selector" on page 9.

## *Envelopes, greeting cards, or other thick print media*

To load up to 15 envelopes, greeting cards, or thick paper, or up to 30 hagaki cards or other card stock automatically:

**1** Remove any paper from the sheet feeder.

**2** Move the media selector to the envelope position ⬚.
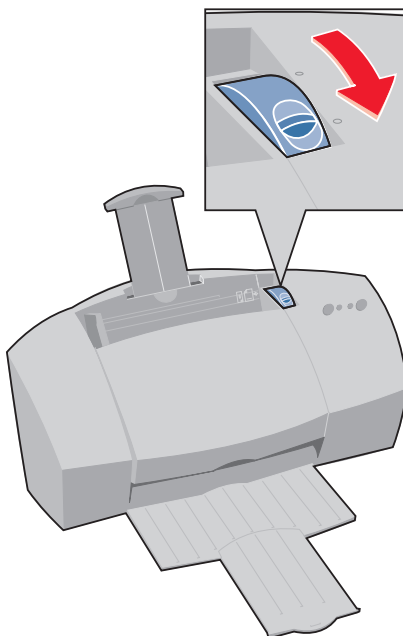
**3** Place the envelopes, greeting cards, thick paper, hagaki, or other thick card stock against the right edge of the sheet feeder.
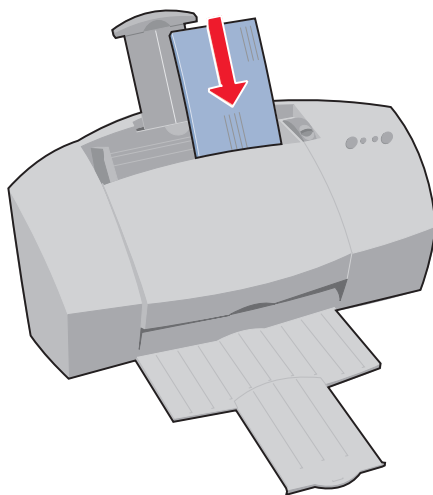
- Always place the preferred print side facing you.
- Insert envelopes so that the stamp location is in the lower right-hand corner.
- Insert index cards, postcards, or hagaki vertically so the shortest side feeds into the printer first.

**4** Slide the media guide to the right until it rests against the envelopes or card stock.
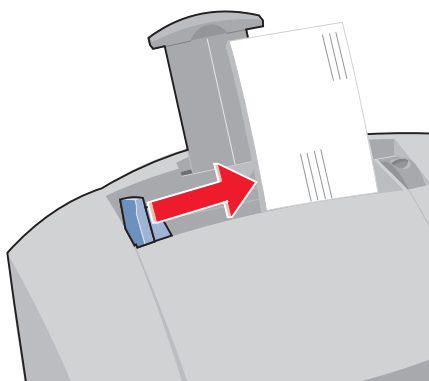
**5** Before you send a job to print, choose the appropriate paper size and paper type in the Lexmark printer software. For help, see "Using the printer software" on page 1.

You are ready to print.

**Tip:** If you change print media, remember to set the position of the media selector correctly for your next print job. For help, see "(D) Media selector" on page 9.

## *Banner paper*

For best results, follow the steps below to load banner paper.

To load banner paper:

**1** Tear off a maximum of 10 sheets of banner paper.

**2** If necessary, remove the perforated tractor holes along each side of the banner paper.

**3** Make sure the media selector is in the paper position 📄.

**4** Push down the paper support to close it.
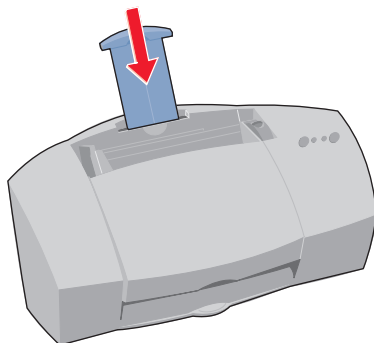


**5** From the rear of the printer, open the banner paper holder behind the sheet feeder.

Banner paper holder
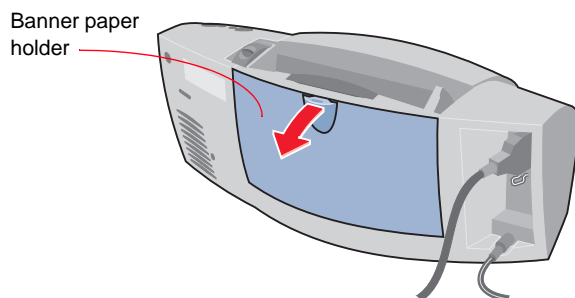


**6** Pull up the banner paper support.

Banner paper support
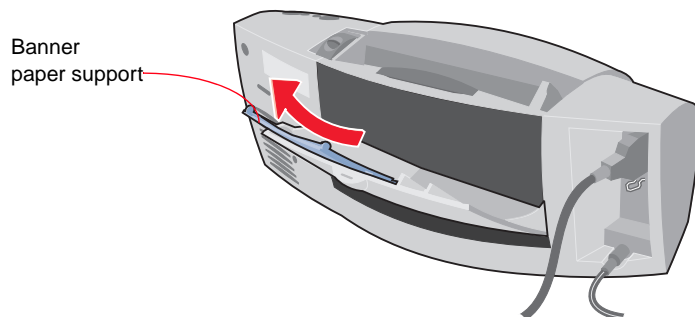
**7** Flip the banner paper support extension upward.

Banner paper
support
extension
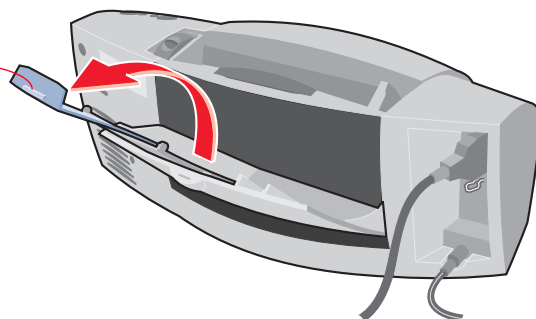
**8** Place the stack of banner paper inside the banner paper holder.
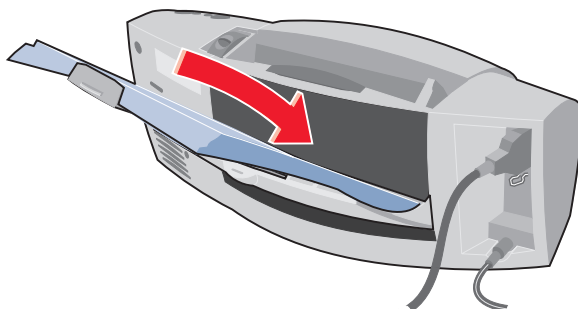
**9** From the front of the printer, insert the leading edge of the first page into the sheet feeder.
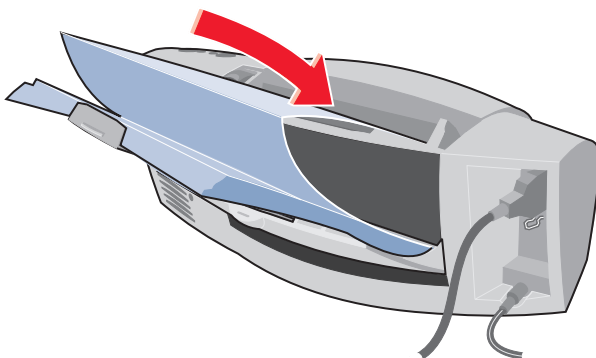
**10** Slide the media guide to the edge of the paper.
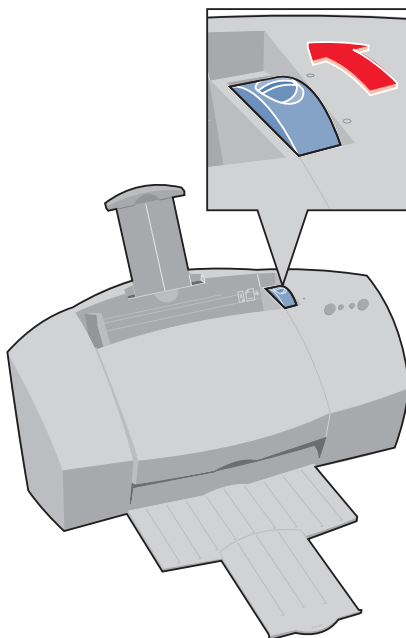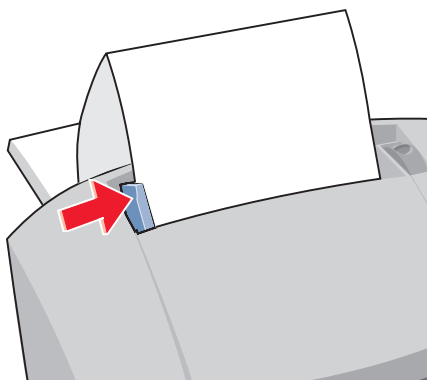


You are ready to print.

**Tip:** If you change print media, remember to set the position of the media selector correctly for your next print job. For help, see "(D) Media selector" on page 9.

## *Customizing the printer software for special printing*

To learn how to customize the printer software for your special printing needs, see "Getting the most from your printer" on page 43.

# Recommended paper types

This section describes paper, transparency, envelope, index card, label, glossy film, photo paper, greeting card, and iron-on transfer types you can use with your printer.

## *Plain paper*

You can get good print quality on many types of plain paper. Since the quality of plain paper varies widely, you should test the print quality before buying large quantities of paper.

You can use letter, legal, A4, A5, A6, B5, executive, and banner-size paper with your printer.

## *Coated paper*

For the best color or black and white printing results using black and color print cartridges, use a coated paper such as Lexmark's High Resolution Premium Inkjet paper. To order this paper from Lexmark, use Lexmark part number 1402780 (letter-size) or 1402781 (A4-size).

## *Envelopes*

The printer supports the following envelope sizes and card types:

| Envelope Types | | | Card Types |
|---|---|---|---|
| • 6 3/4 | • #10 | • C6 | • Postcard |
| • 7 3/4 | • DL | • B5 | • Index card |
| • #9 | • C5 | • Baronial | • Hagaki |

Do not use the following types of envelopes:

- Envelopes with windows, holes, perforations, cutouts, or deep embossing

- Envelopes with a metal clasp, a string tie, or metal folding bars

- Envelopes with peel-off sealing strips

- Envelopes with contents enclosed

## *Transparencies, glossy film, and photo paper*

The printer supports letter and A4 size transparencies, glossy film, and photo paper. Use transparencies, glossy film, or photo paper designed for an inkjet printer.

Do not use transparencies, glossy film, or photo paper designed for copiers, laser printers, or pen plotters.

For best results:

- Handle only on the edges. Do not touch the side being printed on.
- Store unused paper in the original packaging.
- Do not store in excessively hot or humid areas.
- Feed photo paper one sheet at a time.
- Be careful not to touch the printed surface until the ink is dry.
- If you are printing several sheets at one time, remove each sheet as it exits the printer and allow it to dry before stacking.
- Cover the printed area with plain paper when storing.

## *Labels*

The printer supports letter and A4 size label sheets. You can feed print labels automatically.

For best results, labels used in the printer should meet the following requirements:

- Do not use label sheets with a slick backing material.
- Be sure the adhesive does not come in contact with any part of the printer.
- Use full label sheets. Partially used sheets (with areas exposed by missing labels) can cause labels to peel off during printing and can damage the printer.

## *Greeting cards*

Use Lexmark Inkjet Greeting Cards, part number 1372482 (letter) or 70X7254 (A4). Each greeting card comes with an envelope.

## *Iron-on transfers*

To create colorful, custom-designed T-shirts, use Lexmark Iron-On Transfers, part number 1372480 (letter) or 1402519 (A4).

# *C*aring for your printer

This chapter describes how to care for your printer and install, replace, and care for your print cartridges.

# Installing or replacing print cartridges

- If you are replacing a print cartridge, begin with "Removing a print cartridge from the printer."

- If you are installing a print cartridge for the first time, see "Installing or changing a print cartridge" on page 30.

## Removing a print cartridge from the printer

If you need to remove a print cartridge before you install a different one, follow these steps:

**1** Make sure your printer light is on | .

**2** Raise the front cover.
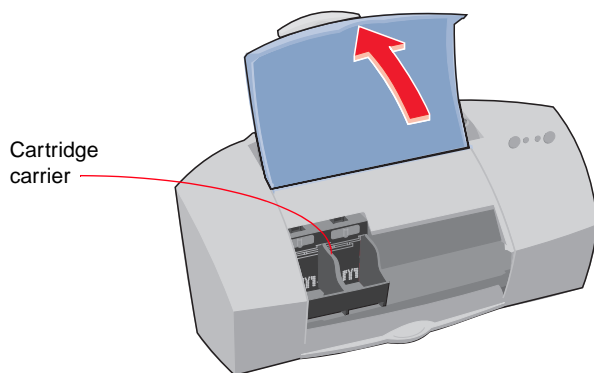


Cartridge carrier

The print cartridge carrier automatically moves to the loading position.

**3** Pull the handle of the print cartridge you are replacing toward you until you hear a *snap*.
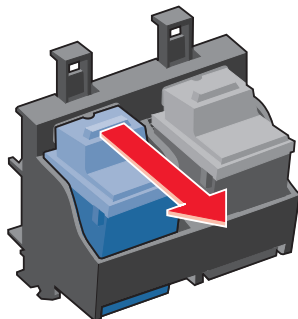
**4** Remove the print cartridge by lifting it straight out of the printer.
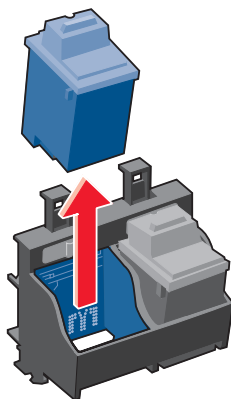
**5** Store or dispose of the print cartridge you remove.

### Storing an extra print cartridge

If you have purchased a Photo print cartridge, we highly recommend using a print cartridge storage unit to keep an extra print cartridge fresh when you are not using it. For information about ordering a print cartridge storage unit, see "Ordering supplies" on page 77.

### Disposing of a used print cartridge

Do not shake a used print cartridge. The remaining ink can leak. Before discarding the used print cartridge, put it in a leak-proof bag.

**6** Continue with "Installing or changing a print cartridge" on page 30.

# Installing or changing a print cartridge

For the best print quality, you must install the print cartridge in **both** the printer and printer software.

To install the print cartridge in the printer, follow these steps:

If necessary, follow the steps for "Removing a print cartridge from the printer" on page 28 before proceeding.

**1** If you are installing a new print cartridge:

> **a** Remove it from its packaging.
>
> **b** Carefully remove the sticker and transparent tape covering the copper printhead from the print cartridge.



**DO NOT touch or remove the copper contact area!**

Tape

Sticker
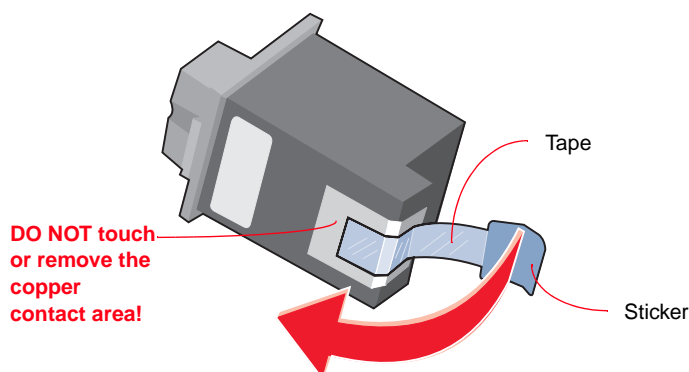
**2** Insert the replacement print cartridge into the print cartridge carrier.
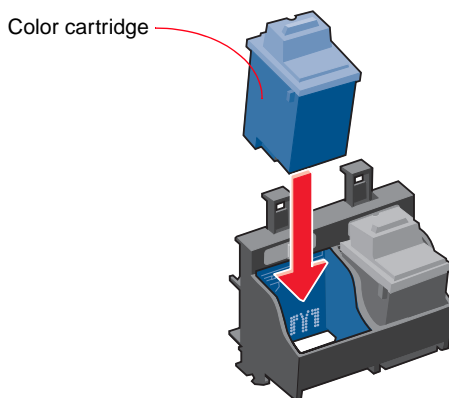


Color cartridge

| Insert this cartridge type: | Into this cartridge carrier slot: |
|------------------------------|-----------------------------------|
| Color                        | left                              |
| Black or Photo               | right                             |

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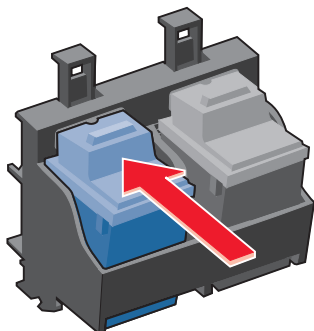


If the print cartridge moves loosely in the carrier, it is not locked into place. Repeat this step.

**4** Close the front cover.

**5** **IMPORTANT:** Continue with "Installing the print cartridge in the printer software" on page 32.

# *Installing the print cartridge in the printer software*

Once you have installed the print cartridge in the printer, you must update your printer software by indicating the cartridge change you made in the printer.

Installing the print cartridge in the printer software ensures the best print quality and an updated ink level image in the Control Program.

To install the print cartridge in the printer software:

**1** Follow the steps for your operating system to open the Cartridges tab:

### Windows 95, 98, 3.1, or 3.11

From the printer's Control Program, click the **Cartridges tab**.

For help opening the Control Program, see "Using the Control Program" on page 2.

### Windows NT 4.0

**a** From the Printers folder, right-click the printer icon for your Lexmark Color Jetprinter.

**b** Choose **Properties** from the sidebar menu.

**c** Click the **Cartridges tab**.

**2** From the Cartridges tab, choose the appropriate selection for the print cartridge you installed.

### Windows 95, 98, 3.1, or 3.11

| If you installed: | Click: |
| --- | --- |
| a new Black cartridge | Black Cartridge, P/N 12A1970 New Cartridge Installed |
| an old Black cartridge | Black Cartridge, P/N 12A1970 Old Cartridge Installed |
| a new Color cartridge | Color Cartridge, P/N 12A1980 New Cartridge Installed |
| an old Color cartridge | Color Cartridge, P/N 12A1980 Old Cartridge Installed |
| a new Photo cartridge | Photo Cartridge, P/N 12A1990 New Cartridge Installed |
| an old Photo cartridge | Photo Cartridge, P/N 12A1990 Old Cartridge Installed |

### Windows NT 4.0

| If you installed: | Click: |
| --- | --- |
| a new print cartridge | New |
| an old print cartridge | Reinstall |

**3** If you installed a new print cartridge, align the print cartridges for the best print quality. For help, see "Aligning the print cartridges" on page 34.

**4** If you installed two print cartridges, repeat steps 2 and 3 for the other print cartridge.

# Aligning the print cartridges

Normally, you only align the print cartridges after you have installed a new print cartridge. However, if the black portions of a graphic or text do not align properly with the color portions, you need to realign the print cartridges.

Below are examples of aligned and misaligned print cartridges:

Aligned          Misaligned
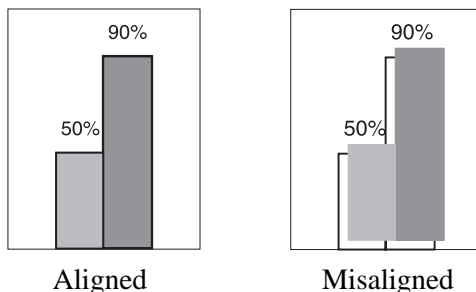
To align your print cartridges for best print quality:

**1** Follow the steps for your operating system to open the Cartridges tab:

### Windows 95, 98, 3.1, or 3.11

From the printer's Control Program, click the **Cartridges tab**.

For help opening the Control Program, see "Using the Control Program" on page 2.

### Windows NT 4.0

**a** From the Printers folder, right-click the printer icon for your Lexmark Color Jetprinter.

**b** Choose **Properties** from the sidebar menu.

**c** Click the **Cartridges tab**.

**2** Click the **Align Cartridges** button.

The Align Cartridge dialog box appears on your screen. Depending on the cartridge combination you have installed in your printer, a test page with one or more alignment patterns is printed. Each pattern has a number under it.

Below are example test patterns:
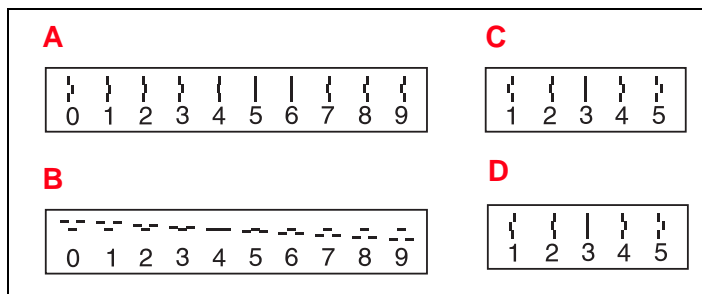


**3** From each alignment group on the test page, locate the number under the alignment pattern that comes closest to forming a perfectly straight line.

For example, in sample group **A**, pattern **5** comes closest to forming a straight line.

**4** In the Align Cartridges dialog box, enter the numbers from the printed test page as the appropriate alignment settings.

**5** After you have entered a number for all of the patterns, click **OK**.

**6** Repeat steps 2-5 until the patterns print to your satisfaction.

# Cleaning the print nozzles

The print cartridge nozzle test helps you pinpoint any clogged nozzles. The nozzle test also cleans the print cartridge by cleaning the nozzles. A test line prints so you can see if the cleaning process was successful.

Use the nozzle test when you suspect the nozzles are clogged or when characters are not printing completely.

**1** To run the nozzle test, follow the steps for your operating system:

### Windows 95, 98, 3.1, or 3.11

From the printer's Control Program, click the **Cartridges tab**.

For help opening the Control Program, see "Using the Control Program" on page 2.

### Windows NT 4.0

**a** From the Printers folder, right-click the printer icon for your Lexmark Color Jetprinter.

**b** Choose **Properties** from the sidebar menu.

**c** Click the **Cartridges tab**.

**2** Click the **Clean Print Nozzles** button.

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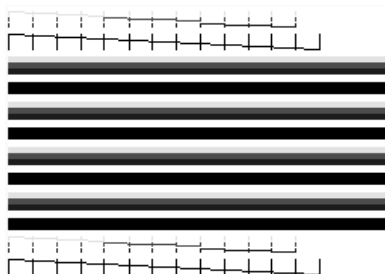


**3** Examine the test pattern.

The example above shows a test pattern of all nozzles functioning correctly.

**4** Compare the diagonal line above the printed bars to the diagonal line below the printed bars.

Look for a break in the diagonal lines. A broken line indicates clogged nozzles.

If the bottom line has fewer breaks, or better print quality than the top line, run the test two more times. If the print quality is satisfactory after running the test three times, the print nozzles are clean. You do not need to complete the remaining steps.

If the print quality of both lines is not satisfactory after running the test three times, go to step 5.

**5** Remove and reinstall the print cartridge.

**6** Repeat the nozzle test.

**7** If the lines are still broken, wipe the print cartridge nozzles. For instructions, see "Wiping the print nozzles and contacts" on page 38.

# Wiping the print nozzles and contacts

If print quality does not improve after cleaning the print nozzles (see "Cleaning the print nozzles" on page 36), the problem may be caused by dried ink on the print cartridge nozzles.

To wipe the print cartridge's nozzles and contacts:

**1** Remove the print cartridge from the printer.

For help, see "Removing a print cartridge from the printer" on page 28.

**2** Dampen a clean cloth with water and gently wipe the entire copper-colored area, including the nozzles and contacts.

When cleaning the color print cartridge, wipe the nozzles in one direction so the colors do not mix.

To dissolve dried ink, hold the damp cloth against the nozzles for about three seconds. Gently blot and wipe dry.
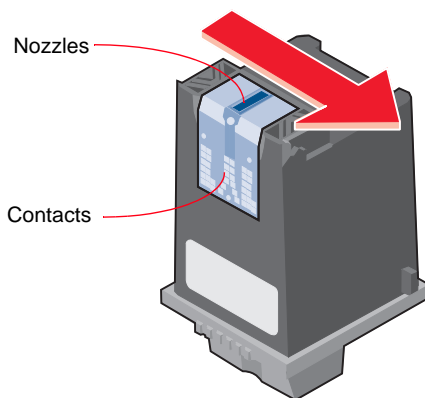


**3** Allow the copper-colored area to dry.

**4** Reinstall the print cartridge and repeat the nozzle test. For help, see "Cleaning the print nozzles" on page 36.

**5** If the nozzle test line is still broken, clean the print cartridge carrier contacts. For help, see "Cleaning print cartridge carrier contacts" on page 39.

# Cleaning print cartridge carrier contacts

Clean the print cartridge carrier contacts only if you have cleaned and wiped the print nozzles and print quality is still unsatisfactory.

To clean the print cartridge carrier contacts:

**1** Raise the front cover.

The print cartridge carrier automatically moves to the loading position.

**2** Unplug the printer power cord.
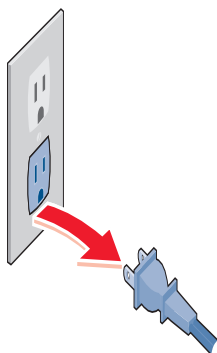
This forces the print cartridges to remain in the loading position.

**3** Remove both print cartridges. For help, see "Removing a print cartridge from the printer" on page 28.

**4** Use a clean, dry cloth to clean the cartridge carrier contacts inside the printer. (The carrier contacts are shaded blue in the illustration below.)
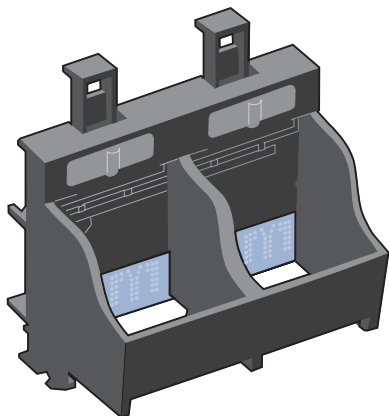


**5** Replace the print cartridges. For help, see "Installing or changing a print cartridge" on page 30.

**6** Close the front cover.

**7** Plug the printer power cord into an electrical outlet.

If the print quality has not improved after this cleaning process, replace your print cartridge. If print quality still does not improve, your printer may require service.

# Preserving print cartridges

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

- Keep a 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 a print cartridge storage unit. The print cartridge will not print correctly if removed from the printer and left exposed for an extended period of time.

- If a print cartridge runs out of ink, leave the empty print cartridge in the printer until you are ready to replace it. Printing with one of the cartridge carriers empty may cause printer problems.

- Do not refill print cartridges. Refilling empty print cartridges invalidates your warranty. Incompatible inks can cause damage to the printhead or to the printer. For best results, use Lexmark supplies with the printer.

# *Getting the most from your printer*

## *Chapter Five*

The following table lists the typical printing needs described in this chapter:

# Select print quality and speed

You can get excellent print quality and speed using plain paper and the default printer driver settings.

When you send a print job to the printer without changing any of the printer driver settings, your printer driver selects:

- Plain Letter or A4-sized paper (depending on where you purchased your printer)
- Normal print quality
- Air Brush Speed or Automatic halftoning (depending on your operating system)
- Portrait orientation

For special print jobs, you may wish to customize these settings, or use special printing supplies.

Your printer driver provides options for selecting the best print quality and speed for the job you are printing. The following table describes these options:

| Select this print quality: | When you want: | Print Speed |
|---|---|---|
| High 1200dpi | Highest quality | Slowest |
| * Enhanced 600dpi | Good quality | |
| Normal 600dpi | Excellent general purpose choice | |
| ** Quick Print 600dpi | Draft quality | Fastest |

* The Enhanced 600dpi option is for Windows NT customers only.

** To extend the life of your color, black, or photo cartridges, print with Quick Print 600dpi.

# Printing on special print media

Whenever you print on special print media, make sure:

- The media select lever is in the correct position.
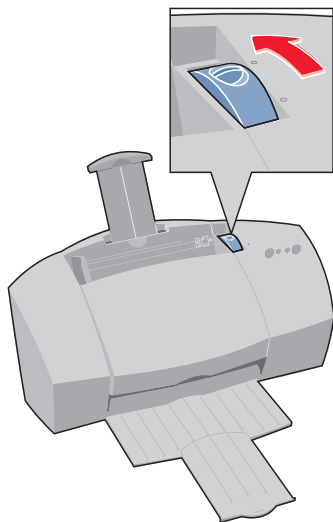
Use the **paper position** when you select the following paper types:

- Paper
- Coated paper
- Banner
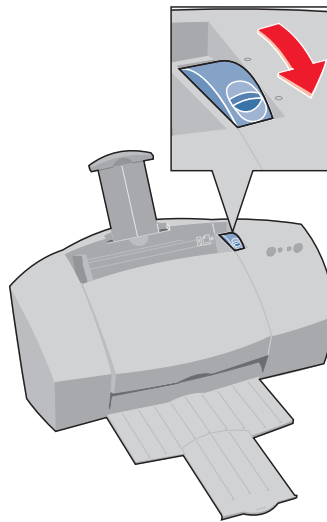
Use the **envelope position** when you select the following paper types:

- Envelopes
- Photo paper
- Glossy film
- Transparencies
- Greeting cards
- Labels
- Iron-on transfers
- Hagaki

- You customize your printer settings to ensure the best printing results.

# Print a banner for parties and special events

## To print a banner:

**1** Start your software application.

**2** Make sure the media selector is in the paper position 📄.

**3** Load the banner paper into the banner paper holder. For help, see "Banner paper" on page 20.

**4** From your application's File menu, click **Print** (or **Printer**) **Setup**.

**5** In the Printer Setup dialog area, click the **Properties**, **Options**, or **Setup** button (depending on the application).

**6** Follow the steps for your operating system:

### From Windows 95, 98, 3.1, or 3.11

**a** Click the **Paper tab**.

**b** From the Paper Size area, select **Banner Letter** or **Banner A4** depending on the size of your banner paper.

**c** Click **OK**.

### From Windows NT 4.0

**a** Click the **Advanced tab**.

**b** From the Paper/Output selection, click **Paper Size**.

**c** From the Paper Size list area, select **Banner Letter** or **Banner A4** depending on the size of your banner paper.

**d** Click **OK**.

**7** Send your job to print.

# Print a greeting card

## To print a greeting card:

**1** Start your software application.

**2** Move the media selector to the envelope position ▯.

**3** Load an Inkjet Greeting Card into the sheet feeder. For help, see "Envelopes, greeting cards, or other thick print media" on page 18.

**4** From your application's File menu, click **Print** (or **Printer**) **Setup**.

**5** In the Printer Setup dialog area, click the **Properties**, **Options**, or **Setup** button (depending on the application).

**6** Follow the steps for your operating system:

### From Windows 95, 98, 3.1, or 3.11

**a** Click the **Paper tab**.

**b** From the Paper Size area, select **Letter** or **A4** depending on the size of your Greeting Cards.

**c** From the Paper Type area, select **Greeting Card Stock**.

**d** Click **OK**.

### From Windows NT 4.0

**a** Click the **Advanced tab**.

**b** From the Paper/Output selection, click **Paper Size**.

**c** From the Paper Size list area, select **Letter** or **A4** depending on the size of your Greeting Cards.

**d** From the Media list area, select **Greeting Card Stock**.

**e** Click **OK**.

**7** Send your job to print.

# Print high-quality presentation transparencies

## To print a transparency:

**1** Make sure the media selector is in the envelope position ⬚ .

**2** Load the Inkjet Transparencies into the sheet feeder. For help, see "Glossy film, photo paper, labels, transparencies, and iron-on transfers" on page 16.

**3** From your application's File menu, click **Print** (or **Printer**) **Setup**.

**4** In the Printer Setup dialog area, click the **Properties**, **Options**, or **Setup** button (depending on the application).

**5** Follow the steps for your operating system:

### From Windows 95, 98, 3.1, or 3.11

**a** Click the **Color\Quality tab**.

**b** From the Document Types area, click **Vivid Color**.

**c** From the Print Quality area, click **High 1200dpi**.

**d** Click the **Paper tab**.

**e** From the Paper Type area, click **Transparency**.

**f** Click the **Advanced tab**.

**g** From the Halftone area, click **Fine Dither**.

**h** Click **OK**.

#### From Windows NT 4.0

**a** Click the **Advanced tab**.

**b** From the Paper/Output selection, click **Media**.

**c** From the Media list area, click **Transparency**.

**d** From the Graphic selection, click **Print Quality**.

**e** From the Print Quality list area, click **High 1200dpi**.

**f** From the Document Options selection, click **Shading (Halftone)**.

**g** From the Shading (Halftone) list area, click **Matrix**.

**h** Click **OK**.

**6** Send your job to print.

**7** Remove each transparency as it exits the printer and allow it to dry before stacking.

# Print an Iron-on transfer

## To print an iron-on transfer:

**1** Make sure the media selector is in the envelope position ⬚.

**2** Load the Inkjet Iron-On Transfers into the sheet feeder. For help, see "Glossy film, photo paper, labels, transparencies, and iron-on transfers" on page 16.

**3** From your application's File menu, click **Print** (or **Printer**) **Setup**.

**4** In the Printer Setup dialog area, click the **Properties**, **Options**, or **Setup** button (depending on the application).

**5** Follow the steps for your operating system:

### From Windows 95, 98, 3.1, or 3.11

   **a** Click the **Paper tab**.

   **b** From the Paper Size area, select **Letter** or **A4** depending on the size of your Iron-On Transfer.

   **c** From the Paper Type area, select **Iron-On Transfer**.

   **d** Click **OK**.

### From Windows NT 4.0

   **a** Click the **Advanced tab**.

   **b** From the Paper/Output selection, click **Paper Size**.

   **c** From the Paper Size list area, select **Letter** or **A4** depending on the size of your Iron-On Transfer.

   **d** From the Media list area, select **Iron-On Transfer**.

   **e** Click **OK**.

**6** Send your job to print.

# Print high-quality photos

## To print photos:

**1** Replace your Black print cartridge with a Photo print cartridge. For help, see "Installing or replacing print cartridges" on page 28.

**2** Make sure the media selector is in the envelope position.

**3** Insert a sheet of Inkjet Photo Paper into the sheet feeder. For help, see "Glossy film, photo paper, labels, transparencies, and iron-on transfers" on page 16.

**4** From your application's File menu, click **Print** (or **Printer**) **Setup**.

**5** In the Printer Setup dialog area, click the **Properties**, **Options**, or **Setup** button (depending on the application).

**6** Follow the steps for your operating system:

### From Windows 95, 98, 3.1, or 3.11

**a** Click the **Color/Quality tab**.

**b** From the Document Types area, click **Natural Color**.

**c** From the Paper Type area, click **Glossy/Photo Paper**.

**d** From the Print Quality area, click **High 1200dpi**.

**e** Click the **Advanced tab**.

**f** From the Halftone area, click **Air Brush Quality**.

**g** Click **OK**.

### From Windows NT 4.0

**a** Click the **Advanced tab**.

**b** From the Paper/Output selection, click **Media**.

**c** From the Media list area, click **Photo Paper**.

**d** From the Graphic selection, click **Print Quality**.

**e** From the Print Quality list area, click **High 1200dpi**.

**f** From the Document Options selection, click **Shading (Halftone)**.

**g** From the Shading (Halftone) list area, click **Air Brush**.

**h** Click **Document Color**.

**i** From the Document Color list area, click **Vivid**.

**j** Click **OK**.

**7** Send your job to print.

**8** Remove each photo as it exits the printer and allow it to dry before stacking.

**Note:** Quick Print 600dpi is unavailable when a Photo cartridge is installed in the printer or selected in the printer software.

# Print quickly

## To print quickly:

**1** Make sure the media selector is in the paper position ▣.

**2** Load the inkjet paper into the sheet feeder. For help, see "Paper and coated paper" on page 14.

**3** From your application's File menu, click **Print** (or **Printer**) **Setup**.

**4** In the Printer Setup dialog area, click the **Properties**, **Options**, or **Setup** button (depending on the application).

**5** Follow the steps for your operating system:

### From Windows 95, 98, 3.1, or 3.11

**a** Click the **Color/Quality tab**.

**b** From the Document Types area, click **Black Only**.

**c** From the Paper Type area, click **Plain Paper**.

**d** From the Print Quality area, click **Quick Print 600dpi**.

**e** Click the **Advanced tab**.

**f** From the Halftone area, click **Line Art Pattern**.

**g** Click **OK**.

### From Windows NT 4.0

**a** Click the **Advanced tab**.

**b** From the Graphic selection, click **Print Quality**.

**c** From the Print Quality list area, click **Quick Print 600dpi**.

**d** Click **Color Appearance**.

**e** From the Color Appearance list area, click **Black**.

**f** From the Document Options selection, click **Shading (Halftone)**.

**g** From the Shading (Halftone) list area, click **None (Black Prints ONLY)**.

**h** Click **OK**.

**6** Send your job to print.

# *T*roubleshooting

## *Chapter Six*

Use this section to identify and solve problems.

| For these situations: | See page: |
|---|---|
| Solving bidirectional communications problems | 56 |
| Error messages | 57 |
| General printing problems | 61 |
| Paper feed problems | 65 |
| Poor print quality | 67 |
| Printer software problems | 70 |

# Solving bidirectional communications problems

Bidirectional communications problems have two primary causes:

- You are using the wrong parallel cable.
- Your computer system is not configured for bidirectional communications.

## Replacing the parallel cable

You must use an IEEE 1284-compliant parallel cable that supports bidirectional printing. Verify your printer cable meets these specifications. To purchase a Lexmark cable, see "Parallel cable" on page 77.

## Computer configuration problems

If you have the correct parallel cable, and bidirectional communications problems persist, you may have a computer configuration problem.

Contact your computer manufacturer, or see the documentation that came with your computer to determine if your computer supports bidirectional communications.

# Error messages

| Message | Solutions |
| --- | --- |
| **Ink low** | Your print cartridge is running out of ink. You need to purchase a new print cartridge. |
| **Out of memory** | • Before sending a file to print, close all other open files in the application you are using. The printer prints a blank page when too many files are open in the same application.<br>• Free memory by closing other open applications.<br>• Decrease the print quality of your print job.<br>• Consider purchasing more memory for your personal computer. |
| **Out of paper** | **1** Load paper.<br>**2** Follow the steps for your operating system:<br><br>**Windows 95, 98, 3.1, or 3.11**<br>Press the Paper Feed button ⬂.<br><br>**Windows NT 4.0**<br>Resend the print job. |
| **Paper jam** | **1** Turn the printer off.<br>**2** Pull firmly on the paper to remove it. If you cannot reach the paper because it is too far into the printer, raise the front cover and pull the paper out from the front.<br>**3** Close the front cover.<br>**4** Turn the printer on.<br>**5** Resend your print job. Start with the page on which the paper jam occurred. |

| Message | Solutions |
|---------|-----------|
| **Printhead failure** | Any of these problems can cause the Printhead Failure message to appear:<br><br>• The print cartridge carrier contacts are dirty.<br>• The print nozzles on the print cartridge are dirty.<br>• There is a problem with the Color, Black, or Photo print cartridge.<br><br>To begin troubleshooting the problem:<br><br>**1** Clean the print cartridge carrier contacts and wipe the print cartridge print nozzles of **both** print cartridges.<br><br>For help, see "Cleaning print cartridge carrier contacts" on page 39 and "Wiping the print nozzles and contacts" on page 38.<br><br>**2** Reinstall both print cartridges in the printer.<br><br>**3** Print a Test Page.<br><br>**Windows 95, 98, 3.1, or 3.11:**<br>  **a** From the printer's Control Program, click the Status tab.<br>  **b** Click Print Test Page.<br><br>**Windows NT 4.0:**<br>  **a** From the Printers folder, right-click the printer icon for your Lexmark Color Jetprinter.<br>  **b** Choose Properties from the sidebar menu.<br>  **c** Click the Cartridges tab.<br>  **d** Click Print Test Page.<br><br>**4** Did the message reappear?<br><br>• **YES.** There may be a problem with one of the print cartridges. Continue with step 5.<br>• **NO.** You have solved the problem. |

| Message | Solutions |
|---|---|
| **Printhead failure** *(continued)* | **5** Remove the Black or Photo print cartridge from the printer. For help, see "Removing a print cartridge from the printer" on page 28. |
| | **6** Print a test page. |
| | **Did the message reappear?** |
| | • **YES.** Reinstall the Black or Photo print cartridge. For help, see "Installing or changing a print cartridge" on page 30. |
| | • **NO.** The problem is with the Black or Photo print cartridge. Continue with "Replacing the print cartridge." |
| | **7** Remove the Color print cartridge. |
| | **8** Print a test page. |
| | **Did the message reappear?** |
| | • **YES.** Your printer requires service. See your printer registration card for the appropriate telephone number for your country. |
| | • **NO.** The problem is with the Color print cartridge. Continue with "Replacing the print cartridge." |
| | **Replacing the print cartridge** |
| | **1** Replace the faulty print cartridge with a new print cartridge. For help, see "Installing or replacing print cartridges" on page 28. |
| | **2** Print a test page. |
| | **Did the message reappear?** |
| | • **YES.** Your printer requires service. See your printer registration card for the appropriate telephone number for your country. |
| | • **NO.** You have solved the problem. |

| Error Indications | Solutions |
|---|---|
| **The Power light &#124; is on and the Paper Feed light ⬆⬇ is blinking** | The printer has an error condition. Check your screen to see if you have any error messages. <br><br>If the printer is out of paper: <br>**1** Load paper. <br>**2** Press the Paper Feed button ⬆⬇. <br><br>If the printer has a paper jam: <br>**1** Raise the front cover. <br>**2** Remove the paper. <br>**3** Press the Paper Feed button ⬆⬇. <br><br>If the print cartridges are not loaded correctly, see "Installing or changing a print cartridge" on page 30. |
| **The Power light &#124; is blinking and the Paper Feed light ⬆⬇ blinks twice** | The printer cartridge carrier has stalled. <br>**1** Turn the printer off. <br>**2** Wait a few seconds. <br>**3** Turn the printer on. <br><br>If you experience the problem again, the printer may have a paper jam. To remove a paper jam: <br>**1** Raise the front cover. <br>**2** Remove the paper. <br>**3** Press the Paper Feed button ⬆⬇. <br><br>If the print cartridges are not loaded correctly, see "Installing or changing a print cartridge" on page 30. |

# General printing problems

| Problems | Solutions |
|---|---|
| **Colors on printout differ from colors on screen** | To more closely match the colors on your printouts with the colors on your screen, select Natural Color as the Document Type in Windows 95, 98, 3.1, or 3.11 or Natural (Screen Match) as the Document Color in Windows NT 4.0. |
| **DOS print file takes too long to print** | If you are attempting to print a DOS file by sending it to the port to which the printer is connected, use the DOS Copy command. Avoid using the DOS Print command. The DOS Print command causes printing delays. |
| **DOS print job does not print** | Check the following items:<br>• Make sure the power light is on ⎮.<br>• Follow the steps for your operating system to make sure the DOS Printing option is selected:<br>**Windows 95, 98, 3.1, or 3.11:**<br>1 From the printer's Control Program, click the Options tab.<br>2 Make sure Disable CJ3200 DOS Printing is **not** checked.<br>**Windows NT 4.0:**<br>1 Open the printer properties folder:<br>  **a** In the Windows Printer Folder, right-click the Lexmark 3200 Color Jetprinter icon.<br>  **b** In the sidebar menu, click Properties.<br>  **c** Choose the Device Settings tab.<br>2 From DOS Printing, click DOS Printing.<br>3 In the Change DOS Printing Setting area, click Enabled.<br>4 Click OK.<br>• If you send a second DOS print job before the first DOS print job has finished processing, neither job will print. Normally, a job is finished processing when the first page of the job prints.<br>• Also, make sure the Lexmark 3200 Color Jetprinter is set as your default printer driver. |
| **Intermittent printing** | For help, see "Solving bidirectional communications problems" on page 56. |

| Problems | Solutions |
|---|---|
| **Old document prints with different fonts** | When you print a document formatted for a different printer, Windows may substitute different fonts. Line breaks and page breaks may change also. Use the software application that created the document to fix these problems, then save your changes for the next time you print. |
| **Parallel cable interface problems** | For help, see "Solving bidirectional communications problems" on page 56. |
| **Printer has missing or damaged parts** | If your printer has missing or damaged parts, contact your point of purchase. |
| **Printer pauses frequently during a print job** | If your printer pauses frequently (every two or three lines) during a print job, and the printed pages have alternating bands of light and dark print, select Enable Buffer Mode* from the Options tab. <br><br> **1** From the printer's Control Program, click the Options tab. <br><br> **2** Make sure the Enable Buffer Mode option is checked. <br><br> * Does not apply to Windows NT 4.0. |

**62** *Troubleshooting*

| Problems | Solutions |
|---|---|
| **Printer is plugged in but nothing prints**<br><br>(**There is no action from the printer**) | Make sure:<br>• The power light is on &#124; .<br>• The printer has paper.<br>• The printer parallel cable is completely plugged into the printer.<br>• The printer is not being held or paused. To check the printer status, follow the steps for your operating system:<br>**Windows 95, 98, or NT 4.0:**<br>  **1** From the Printers folder, double-click the Lexmark 3200 Color Jetprinter icon.<br>  **2** Click the Printer menu and make sure no checkmark appears next to the Pause Printing option.<br>**Windows 3.1, 3.11:**<br>  **1** Open the Spool Manager. For help, see "Using the spool manager in Windows 3.1 , 3.11" on page 6.<br>  **2** Click the Queue menu and make sure no check mark appears next to the Hold option.<br>• Print a printer test page. If the test page prints, the printer is functioning properly. Check your application.<br>• If you are trying to print from a DOS-based application, the problem could be with your DOS settings. Check your DOS printer port settings, driver, and your application settings. |
| **Printer prints very slowly** | Try the following if your printer is printing slowly:<br><br>• Decrease the print quality.<br>• If you are printing a text document, make sure you are using a Black print cartridge and not a Photo cartridge.<br>• If you are printing a text-only document, change the Halftone method from Air Brush to Fine Dither Pattern or Line Art Pattern (Windows 95, 98, 3.1, or 3.11) or Matrix or None (Windows NT 4.0). The Air Brush setting improves the appearance of graphics but slows the print time.<br>• Consider purchasing more memory for your personal computer.<br>• Check the document you are printing. If you are using several graphics, it may take longer to print than regular text. |

| Problems | Solutions |
|---|---|
| **Printer seems to be printing but no characters appear** | Make sure:<br>• The print cartridges are properly installed in the printer. For help, see "Installing or replacing print cartridges" on page 28.<br>• The tape was removed from the print cartridges before they were installed. |
| **Test page does not print** | Make sure:<br>• The power light is on \| .<br>• The parallel cable is properly connected to the computer and printer. For help, refer to the printer's setup sheet.<br>• Paper is loaded in the printer correctly. For help, see "Loading paper and other media" on page 13.<br>• Print cartridges are installed correctly. For help, see "Installing or replacing print cartridges" on page 28.<br><br>If these suggestions do not solve the problem, your printer may need service. Refer to your printer registration card or warranty/service information for the appropriate telephone number for your country. |

# Paper feed problems

| Problems | Solutions |
| --- | --- |
| **Paper fails to feed** | If paper doesn't move through the sheet feeder:<br>1 Raise the front cover.<br>2 Remove any obstructions inside the printer.<br>3 Close the front cover.<br>4 Press the Paper Feed button ⬆⬇. |
| **Paper jam** | 1 Pull firmly on the paper to remove it. If you cannot reach the paper because it is too far into the printer, raise the front cover and pull the paper out from the front of the printer.<br>2 Close the front cover.<br>3 Resend your print job. Start with the page on which the paper jam occurred. |
| **Paper skews or buckles** | If paper skews or buckles while moving through the printer, make sure:<br>• You do not force the paper down into the printer when you load it.<br>• There is not too much paper in the sheet feeder. Depending on the thickness of your paper, the sheet feeder can hold up to 100 sheets of paper.<br>• The left paper guide does not cause the paper to bow in the sheet feeder.<br>• You are using the correct type of paper.<br>• The left paper guide is against the side of the paper.<br>• The printer is on a flat, level surface. |

| Problems | Solutions |
|---|---|
| **Paper sticks together** | If paper sticks together when moving through the sheet feeder, try the following:<br><br>• Make sure there is not too much paper in the sheet feeder. Depending on the thickness of your paper, the sheet feeder can hold up to 100 sheets of paper.<br>• Make sure you are using the correct type of paper.<br>• Remove paper from the sheet feeder and flex or fan the paper.<br>• When loading paper, do not force it down into the printer.<br><br>**Note:** Humid conditions may cause some paper to stick together. |
| **Transparencies, glossy film, or photo papers stick together** | If transparencies, glossy film, or photo papers stick together after they exit the printer:<br><br>• Use a transparency, glossy film, or photo paper designed for an inkjet printer. For ordering information, see "Ordering supplies" on page 77.<br>• Remove each transparency, glossy film, or photo paper as it exits from the printer.<br>• Try loading transparencies one at a time. |

# Poor print quality

| Problems | Solutions |
|---|---|
| **Black text is not sharp** | • Select Black Only on the Color/Quality tab.<br>• Check the printer and printer software to make sure a Black print cartridge is installed and not a Photo print cartridge.<br>• Try a higher print quality. For help, see the table on page 43. |
| **Characters not aligned correctly at left margin** | Try the following suggestions to correct this problem:<br>• Make sure you do not have hard-coded (extra) spaces at the left margin.<br>• Clean the print cartridge nozzles. For help, see "Cleaning the print nozzles" on page 36.<br>• Align the print cartridges. For help, see "Aligning the print cartridges" on page 34. |
| **Characters with white lines** | Try one (or more) of the following suggestions to correct this problem:<br>• A print cartridge may be out of ink or low on ink. If the Ink Low message has appeared, install a new print cartridge. For help, see "Installing or replacing print cartridges" on page 28.<br>• In Windows 95, 98, 3.1, or 3.11, check the ink level graphic shown on the Status tab of the Control Program. For help, see "Using the printer software" on page 1.<br>• In Windows NT 4.0, check the ink level graphic on the Status Window. For help, see "Using the printer software" on page 1.<br>• Remove and reinstall one of the print cartridges. For help, see "Installing or replacing print cartridges" on page 28.<br>• Clean the print cartridge nozzles. For help, see "Cleaning the print nozzles" on page 36.<br>• If you are printing transparencies, try changing the fill pattern in your application software. |
| **Improperly formed or misaligned characters** | • Clean the print cartridge nozzles. For help, see "Cleaning the print nozzles" on page 36.<br>• Align the print cartridges. For help, see "Aligning the print cartridges" on page 34. |

| Problems | Solutions |
|---|---|
| **Poor print quality at left, right, or bottom edge of page** | Like other printers, your printer cannot print in the extreme left, right, or bottom edges of a page. To avoid poor print quality at the edges of the page, we recommend using these minimum margin settings:<br><br>**Left and Right Margins**<br>Left and right margin settings must be at least 6.35 mm (0.25 in.) each for all paper sizes except A4.<br><br>For A4 size paper, left and right margin settings must be at least 3.37 mm (0.133 in.) each.<br><br>**Top and Bottom Margins**<br>The top margin must be set to at least 1.7 mm (0.067 in.).<br><br>The bottom margin setting for all paper sizes must be 12.7 mm (0.5 in.) for monochrome printing and 19.5 mm (0.75 in.) for color printing. |
| **Poor print quality at left, right, or bottom edge of envelope** | Like other printers, your printer cannot print in the extreme left, right, or bottom edges of an envelope. To avoid poor print quality at the edges of the envelope, we recommend using these minimum margin settings:<br><br>**Left and Right Margins**<br>Left and right margin settings must be at least 6.35 mm (0.25 in.) each for all envelope sizes.<br><br>**Top and Bottom Margins**<br>The top margin must be set to at least 1.7 mm (0.067 in.).<br><br>The bottom margin setting for all envelope sizes must be 12.7 mm (0.5 in.). |
| **Print is too dark or smudged** | Try the following suggestions to correct this problem:<br><br>• Increase the Brightness setting.<br>• Make sure the Paper Type setting in the printer software matches the Paper type loaded in the printer.<br>• Make sure the paper is straight and unwrinkled.<br>• Let the ink dry before handling the paper.<br>• Clean the print cartridge nozzles. For help, see "Cleaning the print nozzles" on page 36. |

| Problems | Solutions |
|---|---|
| **Print smears on the page** | Print smearing may occur in two ways: <br><br> • Print is smeared as the printer prints the page. <br> • A page prints without smearing, but is smeared by damp ink on the next page exiting the printer. <br><br> Try the following suggestions to prevent print smearing: <br><br> • Print is smeared as the printer prints the page. <br><br>   – If you are using **Windows 95, 98**: <br><br>     **a** Open the Printer Properties. <br>     **b** On the Color Quality tab, make sure Dry Time Delay is checked. <br><br>   – If you are using **Windows 3.1, 3.11**: <br><br>     **a** Open the Printer Driver. <br>     **b** On the Color Quality tab, make sure Dry Time Delay is checked. <br><br>   – Change to a higher or lower Print Quality setting. <br><br> • Page is smeared by the next page exiting the printer. <br><br> The ink may still be damp when a page finishes printing. Remove the pages as they exit the printer and allow them to dry before stacking. |
| **Printed pages have alternating bands of light and dark print** | For help, see "Printer pauses frequently during a print job" on page 62. |
| **Solid black areas on transparencies contain white streaks** | Try using a different fill pattern in your application software. |
| **Unexpected or missing characters** | Make sure you have your Lexmark Color Jetprinter's printer driver selected as the default printer. <br><br> Your printer may have bidirectional communications problems. For help, see "Solving bidirectional communications problems" on page 56. |

| Problems | Solutions |
|---|---|
| **Vertical straight lines are not smooth** | Try the following suggestions to improve print quality of vertical straight lines in tables, borders, and graphs:<br><br>• Clean the print cartridge nozzles. For help, see "Cleaning the print nozzles" on page 36.<br>• Align the print cartridges. For help, see "Aligning the print cartridges" on page 34.<br>• Change Print Quality to something other than Quick Print 600dpi. |

# Printer software problems

| Problems | Solutions |
|---|---|
| **Portions of printer's Control Program grayed out** (Windows 95, 98, 3.1, and 3.11 only) | If the ink level indicators of the Cartridges tab are grayed out, and printer error messages and job progress information do not appear on the computer screen, see "Solving bidirectional communications problems" on page 56. |
| **Printer software settings are not in effect** | If the printer settings you choose in the printer software are not in effect, check the settings in the software application you are using.<br><br>Printer settings in your application may override settings in the printer software. Make all printer setting changes in your application if possible. Use the printer driver to change a setting only if your application does not have that setting. |

# *Installing the printer software*

If your computer has a CD-ROM drive, follow the steps in the *Getting Started* booklet to install the printer software.

To install the printer software from diskettes, you first need to use one the following methods:

- Download the appropriate driver from the Lexmark web site
- Create diskettes from the CD-ROM
- Contact Lexmark Technical Support

## Downloading the driver from Lexmark

You can download the printer software from the Lexmark web site:

**http://www.lexmark.com**

### *Creating diskettes from the CD-ROM*

To create diskettes from the CD-ROM:

**1** Start Windows.

**2** Insert the Lexmark 3200 CD into a CD-ROM drive.

- If the menu screen appears after a few moments, continue with step 3.
- If nothing appears on the screen after a few moments, follow these steps:

**a** **Windows 95, 98, or NT 4.0**

From the Start menu choose **Run**.

**Windows 3.1, 3.11**

From the Windows Program Manager menu bar, choose **File**, then choose **Run**.

**b** In the command-line text box, type the letter of the CD-ROM drive, followed by **setup** (for example, **d:\setup**), and then click **OK**.

**3** When the menu screen appears, click **Create Diskettes**.

**4** Follow the instructions on the screen.

### *Installing from diskette*

Once you have created the diskettes, follow the instructions below to install the printer software.

#### Windows 95, 98

**1** Start Windows.

**2** Insert Setup Disk 1 into your disk drive.

**3** From the Start menu, choose **Settings**, then choose **Printers**.

**4** From the Printers folder, double-click **Add Printer**.

**5** Click **Next>** until you are prompted by a screen listing printer manufacturers and models.

**6** Click **Have Disk**.

The Install From Disk dialog box appears.

**7** In the "Install From Disk" dialog box, type the letter of your disk drive (for example, **a:**), and then click **OK**.

**8** Click **Next>**.

**9** Select the port you want to use with this printer (for example, **LPT1**) and then click **Next>**.

**10** If you have other printers installed, click **Yes** to use the Lexmark 3200 as the default Windows printer.

**11** Click **Finish**.

## Windows 3.1, 3.11

**1** Start Windows.

**2** Insert Setup Disk 1 into your disk drive.

**3** From the Windows Program Manager menu bar, choose **File**, and then choose **Run**.

**4** In the command-line text box, type the letter of your disk drive, followed by **setup** (for example, **a:setup**), and then click **OK**.

**5** Follow the instructions on the screen.

## Windows NT 4.0

**1** Start Windows.

**2** Insert Setup Disk 1 into your disk drive.

**3** From the Start menu, choose **Run**.

**4** In the command-line text box, type the letter of your disk drive, followed by **setup** (for example, **a:setup**), then click **OK**.

**5** Select the port you want to use with this printer (for example, **LPT1**) and then click **Next>**.

**6** Follow the instructions on your screen.

# P*rinting from DOS*

You must install the following before you can print from DOS applications:

- Lexmark 3200 printer software
- PCL 3 printer driver for each DOS application

   Appropriate drivers in order of preference are:

   – HP DeskJet 500C
   – HP DeskJet 500

You must use the HP DeskJet 500C for color output. If your application does not include drivers for the HP DeskJet 500C or the HP DeskJet 500, contact the software manufacturer for a compatible driver replacement.

## Printing from a DOS application in Windows

Use these instructions only if your application runs from the DOS prompt in Windows.

When you print from a DOS application, your printer uses PCL 3 emulation. You must install a printer driver for PCL 3 emulation in each DOS application.

In Windows 3.1, 3.11, avoid switching from your DOS application to another application while your job is printing. See the README file for your Lexmark printer for more information.

**1** Follow the steps for your operating system to enable DOS printing:

### Windows 95, 98, 3.1, or 3.11

**a** Make sure you are in Windows, not native DOS.

**b** From the Control Program, click the **Options tab**.
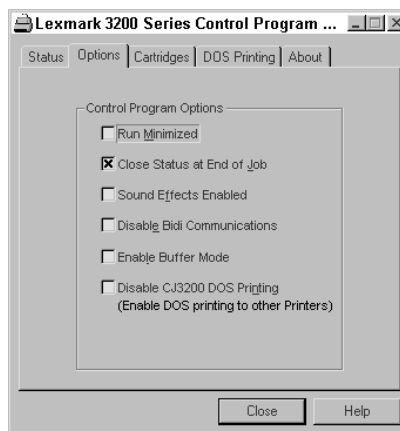


For help opening the Control Program, see "Using the Control Program" on page 2.

**c** Make sure **Disable CJ3200 DOS Printing (Enable DOS Printing to other Printers)** is **not** checked.

**Note:** To print to non-Lexmark printers, you must reselect this option.

### *Windows NT 4.0*

**a** From the Start menu, click **Settings**.

**b** Click **Printers**.

**c** Right-click the **Lexmark 3200** printer icon.

A sidebar menu appears.

**d** Click **Properties**.

**e** Click the **Device Settings tab**.
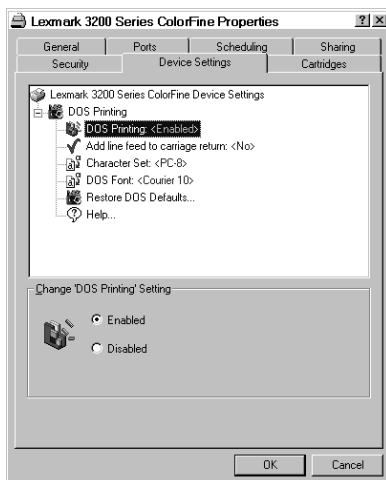


**f** Make sure DOS Printing is enabled.

**g** Click **OK**.

**Note:** To print to non-Lexmark printers, you must disable this option.

**2** Start your application from DOS.

For help, see your Windows documentation.

**3** Install the HP DeskJet 500C as the current printer in the DOS application from which you are printing.

Some applications offer a color or black (mono) version of the HP DeskJet 500C driver. Choose the black (mono) version if you are printing in black only. Choose the color version if you are printing in color and black.

If your application does not offer the HP DeskJet 500C printer driver, install the HP DeskJet 500 printer driver. You will not be able to print in color with the HP DeskJet 500 printer driver.

For help installing a printer, see your application user's documentation.

You can use the printer driver for your Lexmark 3200 Color Jetprinter to change printer settings that are not in your application. For help, see "Changing print settings for DOS applications" on page 74.

**4** Print as you normally would from your application.

## Changing print settings for DOS applications

If possible, use options in your DOS application to change printer settings. Use the following steps only if you want to change a printer setting that does not exist in your DOS application. Settings in your DOS application override settings in the driver.

### *Windows 95, 98, 3.1, or 3.11*

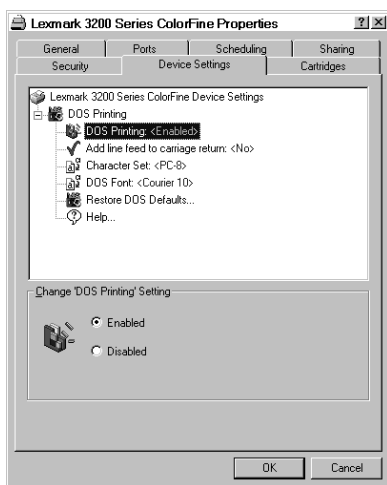**1** From the Control Program, click the **Dos Printing tab**.
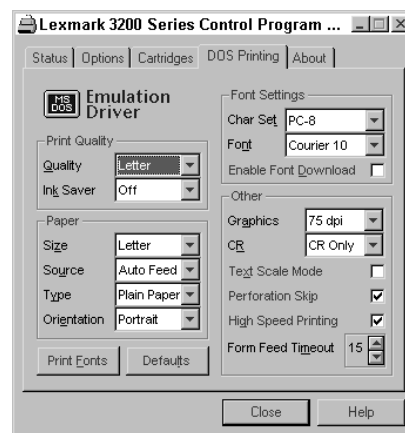


For help opening the Control Program, see "Using the Control Program" on page 2.

**2** Change settings as needed.

### Windows NT 4.0

**1** From the Start menu, click **Settings**.

**2** Click **Printers**.

**3** Right-click the **Lexmark 3200** printer icon.

A sidebar menu appears.

**4** Click **Properties**.

**5** Click the **Device Settings tab**.



**6** Change settings as needed.

**7** Click **OK** to save the settings.

**Note:** When you make changes on the DOS Printing tab or Device Settings tab, they apply to DOS print jobs only. When you make changes on other tabs, they apply to all print jobs.

## Printing to a file

To print a document that has been processed by the driver and stored in a file (that is, printed to file):

**1** Make sure you are in Windows, not native DOS.

**2** Start your application from DOS.

**3** For help, see your Windows documentation.

**4** Create a print file using the "Print to File" function of your application. For help on printing to a file, see your application user's documentation.

**5** Use this DOS command to copy the print file to the port where the printer is connected:

**copy** *filename* **lpt***n* **/b**

In the command example:

– **copy** is the DOS copy command.
– *filename* is the name of the print file you created.
– **lpt***n* is the port where your printer is connected. For example, lpt**1** or lpt**2**.
– **/b** instructs the computer to send the data in binary form.

**Note:** Avoid using the DOS **Print** command to send a job to the printer port. The Print command causes printing delays.

## Printing from non-Windows DOS applications

Follow these steps if your application runs from the native DOS prompt, but does not run from the DOS prompt in Windows.

**Note:** This section does not apply to Windows NT 4.0 users.

**1** From the printer's Control Program, click the Options tab.

For help opening the Control Program, see "Using the Control Program" on page 2.

**2** Make sure **Disable CJ3200 DOS Printing (Enable DOS Printing to other Printers)** is **not** checked.

**3** Exit Windows.

**4** Start your DOS application.

**5** Install the HP DeskJet 500C as the current printer in the DOS application from which you are printing.

Some applications offer a color or black (mono) version of the HP DeskJet 500C driver. Choose the black (mono) version if you are printing in black only. Choose the color version if you are printing in color and black.

If your application does not offer the HP DeskJet 500C printer driver, install the HP DeskJet 500 printer driver. You will not be able to print in color with the HP DeskJet 500 printer driver.

For help installing a printer, see your application user's documentation.

**6** Create a print file using the "Print To File" function of your application. For help on printing to a file, see your application user's documentation.

**7** Exit the DOS application.

**8** Start Windows.

**9** Double-click the MS-DOS icon in the Main group of Windows.

**10** Use this DOS command to copy the print file to the port where the printer is connected:

**copy** *filename* **lpt***n* **/b**

In the command example:

- **copy** is the DOS copy command.
  - *filename* is the name of the print file you created.
  - **lpt***n* is the port where your printer is connected. For example, lpt**1** or lpt**2**.
  - **/b** instructs the computer to send the data in binary form.

  **Note:** Avoid using the DOS **Print** command to send a job to the printer port. The Print command causes printing delays and may corrupt the print job.

# *O*rdering supplies

To order Lexmark supplies, either contact your point of purchase or any Lexmark Authorized Supplies Dealer for a Lexmark dealer near you.

You may also order supplies from Lexmark over the telephone or from our web site:

**http://www.lexmark.com**

Check your printer registration card for the appropriate telephone number for your country.

## Print cartridges

To order print cartridges from Lexmark, use these part numbers:

| Cartridge type: | Part number: |
| --- | --- |
| Black | 12A1970 |
| Color | 12A1980 |
| Photo | 12A1990 |

## Print cartridge storage unit

To order a print cartridge storage unit from Lexmark, use part number 17B0099.

## Parallel cable

To order an IEEE 1284-compatible parallel cable, use Lexmark part number 1329605.

## Coated paper

For the best color and black and white printing results, use a coated paper such as Lexmark's High Resolution Premium Inkjet paper. To order this paper from Lexmark, use these part numbers:

| Size: | Number of sheets: | Part number: |
| --- | --- | --- |
| Letter | 100 | 1402780 |
| A4 | 100 | 1402781 |

## Glossy film

To print on glossy film, use Lexmark Inkjet Glossy film. To order glossy film from Lexmark, use these part numbers:

| Size: | Number of sheets: | Part number: |
| --- | --- | --- |
| Letter | 10 | 1402795 |
| Letter | 50 | 1402750 |
| A4 | 10 | 1402796 |
| A4 | 50 | 1372361 |

## Photo paper

To order Inkjet Photo paper from Lexmark, use these part numbers:

| Size: | Number of sheets: | Part number: |
|-------|-------------------|--------------|
| Letter | 20 | 1372481 |
| A4 | 20 | 1372208 |

## Transparencies

To print on transparencies, use Lexmark Inkjet Transparencies. To order these transparencies from Lexmark, use these part numbers:

| Size: | Number of sheets: | Part number: |
|-------|-------------------|--------------|
| Letter | 20 | 1402797 |
| A4 | 20 | 1402798 |

## Greeting cards with envelopes

Each greeting card comes with an envelope. To order Inkjet Greeting cards from Lexmark, use these part numbers:

| Size: | Number of sheets: | Part number: |
|-------|-------------------|--------------|
| Letter | 20 | 1372482 |
| A4 | 20 | 70X7254 |

## Labels

To order 20 sheets of Inkjet labels from Lexmark, use these part numbers:

| Size: | Label size: | Labels per sheet: | Part number: |
|-------|-------------|-------------------|--------------|
| Letter | 1 x 2-5/8 in. | 30 | 70X7250 |
| Letter | 2 x 4 in. | 10 | 70X7251 |
| A4 | 63.5 x 38.1 mm | 21 | 70X7252 |
| A4 | 99.1 x 67.7 mm | 8 | 70X7253 |

## Iron-on transfers for T-shirts

To order Inkjet Iron-on transfers from Lexmark, use these part numbers:

| Size: | Number of sheets: | Part number: |
|-------|-------------------|--------------|
| Letter | 10 | 1372480 |
| A4 | 10 | 1402519 |

# *N*otices and safety information

*Appendix D*

## Electronic emission notices

### *Federal Communications Commission (FCC) Compliance Information Statement*

The Lexmark 3200 Color Jetprinter 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. Use of a substitute cable not properly shielded and grounded may result in a violation of FCC regulations.

Any questions regarding this compliance information statement should be directed to:

Director of Lab Operations
Lexmark International, Inc.
740 New Circle Road NW
Lexington, KY   40550
(606) 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 d'Industrie Canada*

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

### *European Community (EC) Directives Conformity*

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

A declaration of conformity with the requirements of the Directive 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.

### *Japanese VCCI Notice*

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

### *The United Kingdom Telecommunications Act 1984*

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

# Safety information

- If your product is NOT marked with this symbol $\square$, it MUST be connected to an electrical outlet that is properly grounded.

- The power cord must be connected to an electrical outlet that is near the product and easily accessible.

- Refer service or repairs, other than those described in the operating instructions, to a professional service person.

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

### *Consignes de sécurité*

- Si le symbole $\square$ n'apparaît PAS sur votre produit, ce dernier DOIT être branché sur une prise de courant mise à la terre.

- Le câble d'alimentation doit être connecté à une prise de courant placée près du produit et facilement accessible.

- L'entretien et les réparations autres que ceux décrits dans les instructions d'emploi doivent être effectués par le personnel de maintenance qualifié.

- Ce produit a été conçu, testé et approuvé pour respecter les normes strictes de sécurité globale lors de l'utilisation de composants Lexmark spécifiques. Les caractéristiques de sécurité de certains éléments ne sont pas toujours évidentes. Lexmark ne peut être tenu responsable de l'utilisation d'autres pièces de rechange.

### *Norme di sicurezza*

- Se il prodotto NON è contrassegnato con questo simbolo $\square$ DEVE essere collegato lo stesso ad una presa elettrica con messa a terra.

- Il cavo di alimentazione deve essere collegato ad una presa elettrica posta nelle vicinanze del prodotto e facilmente raggiungibile.

- Per la manutenzione o le riparazioni, escluse quelle descritte nelle istruzioni operative, consultare il personale di assistenza autorizzato.

- Il prodotto è stato progettato, testato e approvato in conformità a severi standard di sicurezza e per l'utilizzo con componenti Lexmark specifici. Le caratteristiche di sicurezza di alcune parti non sempre sono di immediata comprensione. Lexmark non è responsabile per l'utilizzo di parti di ricambio di altri produttori.

## *Sicherheitshinweise*

- Falls der Drucker nicht mit diesem Symbol 
  ▣ markiert ist, muß er an eine ordnungsgemäß geerdete Steckdose angeschlossen werden.

- Das Netzkabel muß an eine Steckdose angeschlossen werden, die sich in der Nähe des Geräts befindet und leicht zugänglich ist.

- Wartungsarbeiten und Reparaturen, mit Ausnahme der in der Betriebsanleitung näher beschriebenen, sollten Fachleuten überlassen werden.

- Dieses Produkt und die zugehörigen Komponenten wurden entworfen und getestet, um beim Einsatz die weltweit gültigen Sicherheitsanforderungen zu erfüllen. Die sicherheitsrelevanten Funktionen der Bauteile und Optionen sind nicht immer offensichtlich. Sofern Teile eingesetzt werden, die nicht von Lexmark sind, wird von Lexmark keinerlei Verantwortung oder Haftung für dieses Produkt übernommen.

## *Pautas de Seguridad*

- Si su producto NO tiene este símbolo, ▣ , es IMPRESCINDIBLE conectarlo a una toma de corriente eléctrica con toma de tierra correcta.

- El cable de alimentación deberá conectarse a una toma de corriente situada cerca del producto y de fácil acceso.

- Cualquier servicio o reparación deberá realizarse por parte del personal cualificado, a menos que se trate de las averías descritas en las instrucciones de utilización.

- Este producto se ha diseñado, verificado y aprobado para cumplir los más estrictos estándares de seguridad global usando los componentes específicos de Lexmark. Puede que las características de seguridad de algunas piezas no sean siempre evidentes. Lexmark no se hace responsable del uso de otras piezas de recambio.

## *Veiligheidsvoorschriften*

- Zorg ervoor dat uw produkt is aangesloten op een geaard stopcontact als het produkt NIET is gemarkeerd met det symbool ▣ .

- Het netsnoer moet worden aangesloten op een gemakkelijk bereikbaar stopcontact in de buurt van het produkt.

- Neem contact op met een professionele onderhoudstechnicus voor onderhoud en reparaties die niet in de bij het produkt geleverde instructies beschreven worden.

- Dit product is ontworpen, getest en goedgekeurd om te voldoen aan strenge internationale veiligheidsvoorschriften. Deveiligheidsvoorzieningen van bepaalde onderdelen zullen niet altijd duidelijk zichtbaar zijn. Lexmark is niet verantwoordelijk voor het gebruik van andere vervangende onderdelen.

## *Sikkerhedsoplysninger*

- Hvis dit produkt IKKE er markeret med dette symbol ▣ , SKAL det sluttes til en stikkontakt med jordforbindelse.

- Ledningen skal sluttes til en stikkontakt, der er tæt på produktet og som er let tilgængelig.

- Service og reparationer, som ikke er beskrevet i brugsanvisningen, skal udføres af en kvalificeret tekniker.

- Dette produkt er udviklet, testet og godkendt i overensstemmelse med Lexmarks verdensomspændende standarder for sikkerhed. Delenes sikkerhedsfunktioner kan være skjulte. Lexmark påtager sig intet ansvar for brugen af uoriginale reservedele.

### Sikkerhetsinformasjon

- Hvis produktet ditt ikke er merket med dette symbolet, □ , må det bare kobles til en stikkontakt som er jordet.

- Ledningen må være koblet til en stikkontakt nær produktet. Stikkontakten må være lett tilgjengelig.

- La bare kvalifisert personale ta seg av service og reparasjon som ikke er direkte beskrevet i bruksanvisningen.

- Dette produktet er utviklet, testet og godkjent i overensstemmelse med strenge verdensomspennende sikkerhetsstandarder for bestemte Lexmark-deler. Delenes sikkerhetsfunksjoner kan være skjulte. Lexmark er ikke ansvarlig for bruk av uoriginale reservedeler.

### Säkerhetsanvisningar

- Om produkten INTE är märkt med denna symbol □ MÅSTE den anslutas till ett jordat vägguttag.

- Nätkabeln måste anslutas till ett lättåtkomligt vägguttag i närheten av maskinen.

- Låt endast utbildad servicepersonal utföra sådan service och sådana reparationer som inte beskrivs i handledningen.

- Denna produkt är utformad, testad och godkänd för att uppfylla internationella säkerhetsbestämmelser när den används tillsammans med andra Lexmark-produkter. Säkerhetsegenskaperna för vissa delar är inte helt uppenbara. Lexmark frånsäger sig

ansvaret om delar av ett annat fabrikat används.

### Informació de Seguretat

- Si el vostre producte NO està marcat amb el símbol □ , S'HAURÀ de connectar a una presa elèctrica de terra.

- El cable de potència s'haurà de connectar a una presa de corrent propera al producte i fàcilment accessible.

- Si heu de fer una reparació que no figuri entre les descrites a les instruccions de funcionament, confieu-la a un professional.

- Aquest producte està dissenyat, comprovat i aprovat per tal d'acomplir les estrictes normes de seguretat globals amb la utililització de components específics de Lexmark. Les característiques de seguretat d'algunes peces pot ser que no sempre siguin òbvies. Lexmark no es responsabilitza de l'us d'altres peces de recanvi.

### Turvaohjeet

- Jos tuotteessa ei ole tätä tunnusta, □ , sen saa kytkeä vain maadoitettuun pistorasiaan.

- Tuotteen verkkojohto on kytkettävä sitä lähellä olevaan pistorasiaan. Varmista, että kulku pistorasian luo on esteetön.

- Muut kuin käyttöohjeissa mainitut huolto- tai korjaustoimet on jätettävä huoltoedustajalle.

- Tämä tuote on testattu ja hyväksytty. Se täyttää korkeat maailmanlaajuiset turvallisuusvaatimukset, kun siinä käytetään tiettyjä Lexmarkin valmistusosia. Joidenkin osien turvallisuusominaisuudet eivät aina ole itsestään selviä. Lexmark ei vastaa muiden kuin alkuperäisten osien käytöstä.

### Informações de Segurança

- Se o produto NÃO estiver marcado com este símbolo, □ , é necessário ligá-lo a uma tomada com ligação à terra.

- O cabo deve ser ligado a uma tomada localizada perto do produto e facilmente acessível.

- Para todos os serviços ou reparações não referidos nas instruções de operação, deve contactar um técnico dos serviços de assistência.

- Este produto foi concebido, testado e aprovado para satisfazer os padrões globais de segurança na utilização de componentes específicos da Lexmark. As funções de segurança de alguns dos componentes podem não ser sempre óbvias. A Lexmark não é responsável pela utilização de outros componentes de substituição.

## *Informações de Segurança*

- Se o produto NÃO estiver marcado com este símbolo, ☐ , ele DEVE SER conectado a uma tomada elétrica com ligação à terra.

- O cabo de alimentação deve ser conectado a uma tomada elétrica localizada perto do produto e de fácil acesso.

- Para todos os serviços ou reparações não descritos nas instruções de operação, entre em contato com um técnico dos serviços de assistência.

- Este produto está projetado, testado e aprovado para satisfazer os padrões globais de segurança para uso de componentes específicos da Lexmark. Os recursos de segurança de alguns componentes podem não ser sempre óbvios. A Lexmark não é

responsável pelo uso de outros componentes de substituição.

## Информация по технике безопасности

- Если приобретенное Вами изделие НЕ имеет маркировки ☐, то его НЕОБХОДИМО подключать к надежно заземленной розетке.

- Кабель питания следует подключать к легкодоступной электрической розетке, расположенной вблизи от места установки изделия.

- Операции по обслуживанию и ремонту, за исключением описанных в настоящем Руководстве, должны выполняться специально обученным персоналом.

- Данное изделие спроектировано, испытано и прошло аттестацию на соответствии жестким глобальным стандартам безопасности в расчете на использование определенных частей производства фирмы Lexmark. Влияние отдельных деталей на безопасность не всегда очевидно. Фирма Lexmark не несет ответственности за использование запасных частей, отличных от рекомендованных.

## Przepisy bezpieczeństwa

Jeżeli produkt NIE jest oznaczony symbolem☐, może być podłączony TYLKO do prawidłowo uziemionego gniazda elektrycznego.

Kabel zasilający musi być podłączony do łatwo dostępnego gniazda elektrycznego, znajdującego się w pobliżu urządzenia.

Wszelkie naprawy I czynności serwisowe, oprócz opisanych w instrukcji obsługi, powinny być wykonywane przez autoryzowany serwis.

Produkt został zaprojektowany z wykorzystaniem określonych podzespołów firmy Lexmark i zatwierdzony jako spełniający światowe standardy bezpieczeństwa. Pozostałe podzespoły mogą nie spełniać tych warunków. Firma Lexmark nie ponosi odpowiedzialności za skutki używania innych części zamiennych.

## Güvenlik Bilgisi

- Ürünüzde ☐ simgesi YOKSA, ürün doğru biçimde topraklanmış bir elektrik prizine TAKILMALIDIR.

- Güç kablosu, ürünün yakınında ve kolay ulaşılabilir bir elektrik prizine takılmalıdır.

- İşletim yönergelerinde açıklananlar dışında servis veya onarım için yetkili servis personeline başvurun.

- Bu ürün, özel Lexmark bileşenlerinin kullanımı konusundaki genel güvenlik standartlarına uyacak biçimde tasarlanmış, denenmiş ve onaylanmıştır. Bazı parçaların güvenlik özellikleri her zaman kesin olmaz. Lexmark, başka yedek parçaların kullanımından sorumluluk taşımaz.

## 安全のためのご案内

・ ご使用の製品にこの ▢ 記号がついていない場合は、正しく接地（アース）してある電源コンセントに接続する必要があります。

・ 電源コンセントは、接続の邪魔となるような物がない近くの電源コンセントに接続してください。

・ 整備・修理が必要な場合、使用説明書にその旨の記載がある場合を除いて、専門の技術者にご連絡ください。

・ 当製品は、特定の Lexmark 部品に関するきびしい包括的安全基準に適合するように、設計、試験され、承認されています。部品には、安全機能が必ずしも明白でないものもあります。Lexmark は、他の交換部品の使用は保証できません。

## 安全资讯

● 如果您的产品没有 回 符号，所接的电源插座一定要有适当的接地处理。

● 电线接续的插座与产品的距离不可太远，并且要合乎使用方便的原则。

● 有关维护或修理方面的细节，除了参考操作说明以外，还可连络专业服务人员。

● 本产品使用特有的 Lexmark 元件，并依照严格的世界安全标准来设计、测试及验证。有些零件的安全功能可能不明显。对於其他厂牌更换零件的使用，Lexmark 概不负责。

안전 사항

● 제품에 ▢ 심볼이 표시되어 있지 않은 경우 제품을 적절히 접지되어 있는 전기 콘센트에 연결하여야 합니다.

● 전원 코드는 제품 가까이에 있고 쉽게 접근할 수 있는 콘센트에 연결하십시오.

● 운영 지침서에 기술되어 있지 않은 서비스나 수리는 전문 서비스 기술자에게 의뢰십시오.

● 본 제품은 특정 Lexmark 구성 요소의 사용에 있어 엄격한 세계 안전 표준에 맞도록 설계, 테스트되었으며 승인받았습니다. 일부 부품의 안전성은 항상 보장되지 않습니다. Lexmark는 다른 교체 부품의 사용에 대한 책임을 지지 않습니다.

# Statement of limited warranty

*Appendix E*

## Lexmark International, Inc., Lexington, KY

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

## Lexmark 3200 Color Jetprinter

This Statement of Limited Warranty applies to this product if it was originally purchased for your use, and not for resale, from Lexmark or a Lexmark remarketer, referred to in this statement as "Remarketer."

### Warranty

Lexmark warrants that this product:

• Is manufactured from new parts, or new and serviceable used parts, which perform like new parts,

• Is free from defects in material and workmanship,

• Conforms to Lexmark's official published specifications, and

• Is in good working order.

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

If this product is a feature or option, this statement applies only when that feature or option is used with the product for which it was designed. To obtain warranty service, you may be required to present the feature or option with the product.

If you transfer this product to another user, warranty service under the terms of this statement is available to that user for the remainder of the warranty period. You should transfer proof of original purchase and this statement to that user.

### Warranty Service

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

To obtain warranty service you may be required to present proof of original purchase. Warranty service will be provided at a Remarketer or a Lexmark designated location. You may be required to deliver your product to the Remarketer or Lexmark, or ship it prepaid and suitably packaged to a Lexmark designated location. You are responsible for loss of, or damage to, a product in transit to the Remarketer or the designated location.

When warranty service involves the exchange of a product or part, the item replaced becomes the property of the Remarketer or Lexmark. The replacement may be a new or repaired item. The replacement item assumes the remaining warranty period of the original product.

Replacement is not available to you if the product you present for exchange is defaced, altered, in need of a repair not included in warranty service, or

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

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

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

## Extent of Warranty

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

Warranty service does not include repair of failures caused by:

- modification or attachments
- accidents or misuse
- unsuitable physical or operating environment
- maintenance by anyone other than Lexmark or a Lexmark authorized servicer
- operation of a product beyond the limit of its duty cycle
- failure to have installed a maintenance kit as specified (if applicable)
- use of printing media outside of Lexmark specifications
- use of other than Lexmark supplies (such as toner cartridges, inkjet cartridges, and ribbons)
- use of other than Lexmark product or component

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

## Limitation of Liability

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

Lexmark's liability for actual damages from any cause whatsoever will be limited to the greater of 1) $5,000 or 2) the amount you paid for the product that caused the damages. This limitation of liability will not apply to claims by you for bodily injury or damage to real property or tangible personal property for which Lexmark is legally liable. In no event will Lexmark be liable for any lost profits, lost savings, incidental damage, or other economic consequential damages. This is true even if you advise Lexmark or a Remarketer of the possibility of such damages. Lexmark is not liable for any claim by you based on a third party claim.

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

## Additional Rights

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

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

# *G*lossary

| | |
|---|---|
| **Air Brush** | Air Brush is a name for a modified Floyd-Steinberg Error-Diffusion, sometimes called the diffusion or scatter style of printing. |
| **application software** | A software product, such as a spreadsheet or word processing program, that is designed for use on a personal computer. |
| **CD-ROM** | Compact disk drive |
| **dithering** | When images are printed using the dithering selections from the halftoning area, the printer driver uses a matrix of dots to represent the image. You may need to experiment to find the halftone best suitable for a particular picture. In most cases, the Air Brush setting produces the best results. |
| **driver** | see *printer driver*. |
| **fine dither** | A halftone method used for detailed graphics with limited shading. |
| **font** | A set of characters of a given size and style. |
| **halftone** | An array in which dots are placed to simulate colors and shades of gray. |
| **hard drive** | A stand-alone hardware unit that offers additional data storage for your computer and can read and store data on diskettes. Also called hard disk or fixed disk drive. |
| **icon** | A representation or symbol. |
| **inkjet** | A non-impact printing technology that creates characters and graphics by the composition of programmed patterns of ink dots. |

| | |
|---|---|
| **interface** | A data conversion device that allows communication between the printer and the computer. See also *parallel interface*. |
| **line art** | A halftone method used for simple line art and computer graphics. |
| **MB (megabyte)** | A unit of measure for storage capacity. One megabyte equals 1,048,576 bytes. |
| **parallel interface** | A type of connection that links a printer to a computer, by which all 8 bits of a character are sent at the same time. See also *interface*. |
| **print cartridge** | The ink reservoir and printhead unit. |
| **printer driver** | A program that translates the language of a software application to the language of the printer so the two can communicate data. |
| **printer setup** | The *printer driver* is designed to provide the best print output default setting for your printer. |
| **software application** | Any program loaded on your computer used to perform a specific task; for example, a word processing or spreadsheet program. |
| **specialty media** | This includes greeting cards, iron-on transfers, photo paper, glossy film, transparencies, and index cards. |

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# Energy star

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

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

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