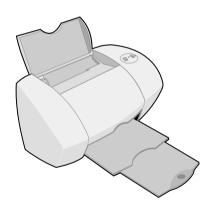
# LEXMARK Z45 Color Jetprinter

From Setup to Printing



January 2002

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#### Federal Communications Commission (FCC) Compliance information statement

The Lexmark Z45 Color Jetprinter, Type 4111-001 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 quarantee 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 unplugging the equipment and then plugging it back in, 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 for a Class B computing device, use a properly shielded and grounded cable such as Lexmark part number 12A2405 for USB attach. Use of a substitute cable not properly shielded and grounded may result in a violation of FCC regulations.

Any questions regarding this compliance information statement should be directed to Director of Lab Operations, Lexmark International, Inc., 740 New Circle Road NW, Lexington, KY 40550, (859) 232-3000

#### **ENERGY STAR**

The EPA ENERGY STAR office equipment program is a partnership effort with computer manufacturers to promote the introduction of energyefficient 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 quidelines for energy efficiency.

## 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

#### The United Kingdom Telecommunications Act 1984

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

#### Safety information

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

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# **Setting up your printer**

This booklet takes you step by step from setup through printing your first document using Windows 98, Windows Me, Windows 2000, Windows XP, Mac OS 8.6 to 9.2, or Mac OS X version 10.0.3 to 10.1.

## To set up your Lexmark™ Z45 Color Jetprinter™, you will need:

- A computer with a CD-ROM drive and USB port
- A USB cable (such as Lexmark P/N 12A2405), purchased separately
- A4 or letter size paper

**Networking tip:** You can connect your printer to a network. For information about networking, and about purchasing the Lexmark N1 Ethernet Adapter, visit www.lexmark.com/US/products/N1.

## Step 1: Make sure your computer is on

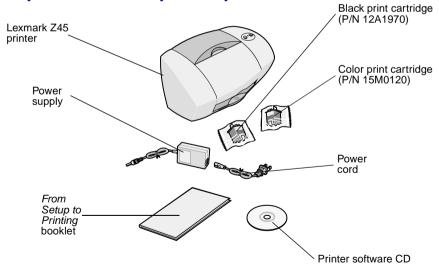


Windows 98/Me/2000 Windows XP



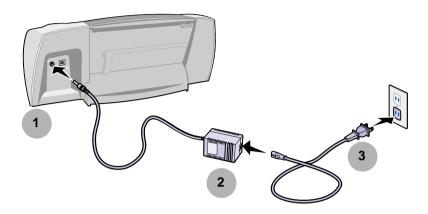
Mac OS 8.6 to 9.2 Mac OS X version 10.0.3 to 10.1

Step 2: Check the printer parts



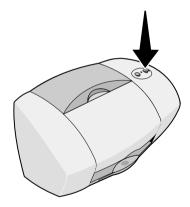
If any items are missing, contact Lexmark (see page 28).

Step 3: Connect the power supply

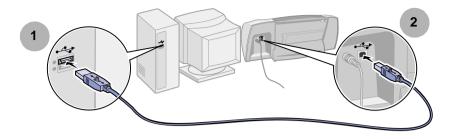


If the power light does not come on:

- 1 Check the power supply connections.
- **2** Press the power button.



## Step 4: Connect the USB cable



**Note:** The location and orientation of the USB port on your computer may be different from the one shown. Look for this symbol:



## Step 5: Install the print cartridges

Your printer came with a color print cartridge (P/N 15M0120) and a black print cartridge (P/N 12A1970).

You can print with:

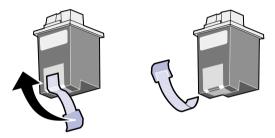
- A color cartridge in the left carrier and a black cartridge in the right carrier.
- A color print cartridge in the left carrier and a photo cartridge in the right carrier.

You can purchase a photo cartridge (P/N 12A1990), a high yield color cartridge (P/N 15M0125), or a high yield black cartridge (P/N 12A1975) separately.

1 Remove each cartridge from its packaging.



2 Remove the sticker and transparent tape from the back and bottom of both cartridges.



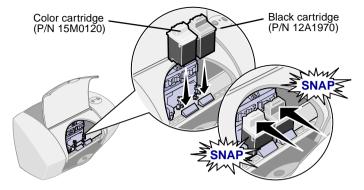
**Warning:** Do **not** touch or remove the gold contact areas on the back and bottom of the print cartridges.

3 Open the front cover.



**Note:** The cartridge carrier moves to the loading position.

4 Insert the color cartridge in the left carrier and snap it into place. Insert the black cartridge in the right carrier and snap it into place.



**5** Close the front cover.

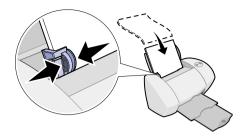


## Step 6: Load the paper

1 Open the paper support and fully extend the paper exit tray.



**2** Load up to 100 sheets of plain inkjet paper, and then squeeze and slide the paper guide to the left edge of the paper.



## Step 7: Install the printer software

Follow all of the steps for your operating system.

Operating system:	Page:
Windows 98/Me/2000 and Windows XP	8
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**Note:** Your software screens may be different from the ones shown in this booklet. The arrows show you where to click.

#### **Windows**

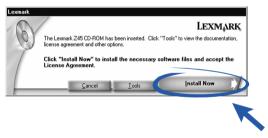
1 Click **Cancel** on any screens similar to the one shown.



2 Insert the printer software CD.



3 Wait for the Lexmark printer software installation screen to appear, and then click Install Now.



Note: If this screen does not appear, see page 23.

**4** Continue with the installation steps on your computer screen.

## Congratulations!

Now that you have successfully set up your printer and installed the printer software, continue with "Learning about your printer" on page 11.

### Mac OS 8.6 to 9.2

- 1 Quit all software applications not in use.
- 2 Insert the printer software CD.



**3** Wait for the Lexmark Installation dialog box to appear, and then click Install and Agree.



Note: If this screen does not appear, see page 26.

**4** Continue with the installation steps on your computer screen.

## Congratulations!

Now that you have successfully set up your printer and installed the printer software, continue with "Learning about your printer" on page 11.

## Mac OS X version 10.0.3 to 10.1

- 1 Quit all software applications not in use.
- 2 Insert the printer software CD.



**3** Wait for the Lexmark printer software installation screen to appear, and then click Install and Agree.



Note: If this screen does not appear, see page 26.

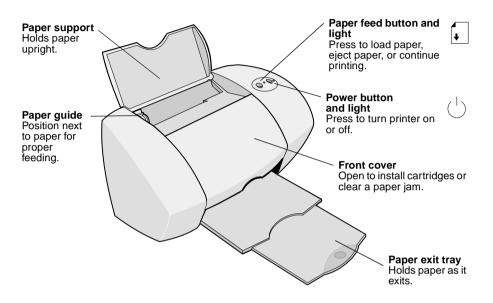
**4** Continue with the installation steps shown on your screen.

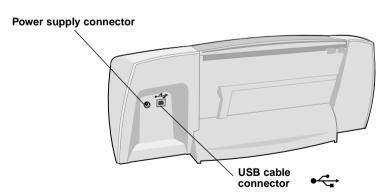
## Congratulations!

Now that you have successfully set up your printer and installed the printer software, continue with "Learning about your printer" on page 11.

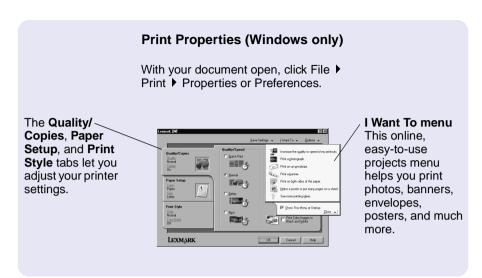
# Learning about your printer

## **Understanding the printer parts**





## Using the software to select your printer settings



## Print dialog box and Page Setup dialog box (Macintosh only)

With your document open, click File ▶ Print.



With your document open, click File ▶ Page Setup.



**Note:** Your software screens may appear slightly different from the ones shown depending on your operating system.

Use the following table to select a print quality or paper type setting:

Windows	Macintosh		
1 With your document open, click File ▶ Print ▶ Properties or	1 With your document open, click File ▶ Print to open the Print dialog box.		
Preferences.	2 From the pop-up menu in the upper left,		
2 From the Quality/Copies tab, select a print quality setting.	choose Paper Type/Quality or Quality & Media.		
3 From the Paper Setup tab, select	3 Select a print quality setting.		
a paper type setting.	4 Select a paper type setting.		

The following table lists the print quality settings and paper recommendations:

Print quality	Paper recommendation			
Quick Print	Plain inkjet, multi-purpose, office, or xerographic			
Normal	Plain or premium inkjet, multi-purpose, office, xerographic, iron-on transfer, or transparency			
Better	Premium inkjet, transparency, coated, glossy, or photo			
Best	Transparency, coated, glossy, or photo			

## Using the software to meet your printing needs

## **Lexmark Solution Center (Windows only)**

From your desktop, double-click the Lexmark Z45
Solution Center icon, or click Start Programs or All Programs Lexmark Z45
Lexmark Z45
Solution Center.



The Lexmark Solution Center is your complete guide to troubleshooting, cartridge alignment and maintenance, printing a test page, and the advanced features of your printer.

## Online User's Guide (Macintosh)

#### Mac OS 8.6 to 9.2:

From the Lexmark Z45 printer folder, double-click the Lexmark Z45 Users Guide.pdf icon.



The Online User's Guide gives detailed information about basic printing, cartridge alignment and maintenance, and troubleshooting.

#### Mac OS X version 10.0.3 to 10.1:

- 1 From the Finder, click Computer, and then double-click the: OS X Disk icon ▶ Library folder ▶ Printers folder ▶ Lexmark folder.
- 2 Double-click the Lexmark Z45 Users Guide.pdf icon.

# Lexmark Z45 Control Panel (Mac OS 8.6 to 9.2) Lexmark Z45 Utility (Mac OS X version 10.0.3 to 10.1)

#### Mac OS 8.6 to 9.2

- 1 From the Apple menu, choose Control Panels.
- 2 Choose the Control Panel for your printer.



The Lexmark Z45 Control Panel or the Lexmark Z45 Utility is your complete guide to cartridge alignment and maintenance, printing a test page, obtaining information about your printer, and ordering supplies.

#### Mac OS X version 10.0.3 to 10.1

- 1 From the Finder, click Computer, and then double-click the: OS X disk icon ▶ Library folder ▶ Printers folder ▶ Lexmark folder.
- 2 Double-click the Lexmark Z45 Utility icon.

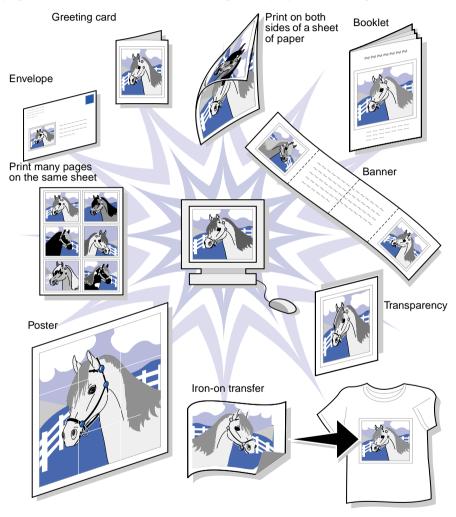
## Finding the printer software Help

For help solving printing problems, see "Troubleshooting" on page 21. For additional help, see your operating system in the following table.

Windows	Mac OS 8.6 to 9.2	Mac OS X version 10.0.3 to 10.1
From any tab of Print Properties or the Lexmark Z45 Solution Center, click Help. For help opening the Lexmark Z45 Solution Center, see page 14.	<ul> <li>From the Apple menu, choose Control Panels</li> <li>Lexmark Z45 Control Panel. Click the ?.</li> <li>From the Page Setup or Print dialog box, click Help.</li> </ul>	<ol> <li>From the Dock, click the Finder icon.</li> <li>From the menu bar, click Help ▶ Mac Help.</li> <li>Click the back arrow, and then click Lexmark Z45 Help.</li> </ol>

# **Printing for fun**

To learn how to print a photo card using **Windows** operating system, see page 18. For information about printing other projects, see page 20.



**Note:** The printer software for your operating system may not support all of these features.

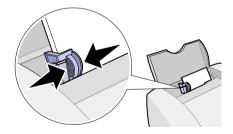
## Printing a digital photo on a photo card (Windows)

1 Load up to 10 photo cards vertically against the right side of the paper support.



When you load photo cards, make sure:

- You carefully read the instructions that came with your cards.
- The print side is facing you.
- You do not push the cards too far into the printer.
- All the cards have the same dimensions.
- 2 Squeeze and slide the paper guide to the left edge of the cards.



**3** Open your digital photo in your photo application.



**4** Open the Print properties from your software application.

Windows 98/Me and Windows XP: From the file you want to print, click File ▶ Print ▶ Properties or Preferences.

Windows 2000: From the file you want to print, click File ▶ Print. From the Printer Settings tab, click Change.

**Note:** For some software applications in Windows 2000/Me and Windows XP, follow the instructions for Windows 98 to open Printing Preferences or Printing Properties.

**5** From the I Want To menu, click Print a photograph.



The Print a photograph screen appears.



- 6 From Step 1 on the screen, select a print quality.
- 7 From Step 2 on the screen, select a paper size, and then click OK.
- 8 From Print Properties, click OK.
- **9** From the Print screen, click OK or print.
- **10** To prevent smudging, remove each photo as it exits the printer and let it dry completely before stacking.

## More fun printing ideas

To learn how to print special projects using your operating system, follow these steps.

Windows	Macintosh		
Refer to the Lexmark Z45 Solution Center (see page 14).	1 Refer to the <i>Online User's Guide</i> (see page 14).		
2 Click the "Printing ideas" tab.	Click the "Printing ideas" link in the left navigation area.		

# **Troubleshooting**

## Troubleshooting checklist

- Is the power supply firmly attached to your printer and an electrical outlet? For help, see page 3.
- Are both your printer and computer on? For help, see page 3.
- Is your USB cable securely attached to your computer and to your printer? For help connecting the USB cable, see page 4.
- Did you remove the sticker and transparent tape from both print cartridges? Make sure you do not touch or remove the gold contact area from the back and bottom of the print cartridges. For help, see page 5.
- Is the black cartridge (P/N 12A1970) in the right carrier and the color cartridge (P/N 15M0120) in the left carrier? For help, see page 6.
- Is the paper loaded correctly? Make sure you do not push the paper too far into the printer. For help, see page 6.
- Did you install your printer software correctly?

Windows	Mac OS 8.6 to 9.2	Mac OS X version 10.0.3 to 10.1
From your desktop, click Start Programs or All Programs.  If Lexmark Z45 does not appear in your list of programs, install the printer software (see page 8).	From the Apple menu, choose Control Panels. If the Lexmark Z45 Control Panel does not appear, install the printer software (see page 9).	From the Finder, click Computer, and then double-click the: OS X disk icon ▶ Library folder ▶ Printers folder ▶ Lexmark folder.  If the Lexmark Z45 Utility folder does not appear, install the printer software (see page 10).

- Did an alignment page print during setup? If **not**, make sure:
  - You installed the print cartridges correctly (see page 4).
  - You follow the instructions on any error message on your computer screen.
- Is your printer connected directly to your computer? If **not**, follow these steps:
  - 1 Disconnect your printer from any external devices, such as a hub, switch box, scanner, or fax machine, and then connect it directly to your computer with a USB cable.
  - **2** Print a test page following the instructions for your operating system.

Windows	Mac OS 8.6 to 9.2	Mac OS X version 10.0.3 to 10.1
<ol> <li>From your desktop, double-click the Lexmark Z45 Solution Center icon.</li> <li>From the Troubleshooting tab, click Print a Test Page.</li> </ol>	<ol> <li>From the Apple menu, choose Control Panels Lexmark Z45 Control Panel.</li> <li>Click Print Test Page.</li> </ol>	<ol> <li>Open the Lexmark Z45 Utility folder (see page 15).</li> <li>From the Cartridges tab, click Print Test Page.</li> </ol>

- If the test page prints, the problem may be with your attached device, not your printer. Check the documentation that came with your attached device for help.
- If the test page does not print, access the printer software Help (see page 15) for further troubleshooting information.

## Setup troubleshooting

Refer to the Lexmark Solution Center (see page 14) or the Online User's Guide (see page 14) for help solving problems you may have after setting up your printer, such as:

- Slow print speed or poor print quality
- Paper misfeeds or jams
- Error messages or flashing lights

Use this chapter for help solving problems you may have while setting up your printer.

For this operating system:	See page:
Windows	23
Macintosh	26

## **Windows**

## When I inserted the printer software CD, nothing happened.

- 1 Close all open software applications.
- 2 Restart your computer.
- 3 Make sure you click Cancel on any screens similar to the one in step 1 on page 8.
- **4** Eject and reinsert the printer software CD.
- 5 From your desktop, double-click My Computer.
- **6** Double-click your CD-ROM drive icon. If necessary, double-click setup.exe.
- 7 Continue with step 3 on page 8.

## The printer is not working.

## Try the following:

• Check the printer status:

Windows 98/Me/2000	Windows XP		
1 From the Start menu, select Settings ▶ Printers.	1 Click Start ▶ Control Panel ▶ Printers and Other Hardware ▶		
2 From the Printers folder,	Printers and Faxes.		
double-click the Lexmark Z45 printer icon.	2 From the Printers folder, double-click the Lexmark Z45		
3 From the Printer menu, make	printer icon.		
sure:	3 From the Printer menu, make		
<ul> <li>Default Printer is selected.</li> </ul>	sure:		
<ul> <li>Pause Printing is not selected.</li> </ul>	<ul><li>Default Printer is selected.</li><li>Pause Printing is not selected.</li></ul>		

## • Check the printer port:

W	indows 98/Me	W	indows 2000	W	/indows XP
1	Click Start ▶ Settings ▶ Printers.	1	Click Start ▶ Settings ▶ Printers.	1	Click Start ▶ Control Panel ▶ Printers and
2	Right-click the Lexmark Z45 printer	2	Right-click the Lexmark Z45 printer		Other Hardware ▶ Printers and Faxes.
	icon, and then click Properties.		icon, and then click Properties.		Click the Ports tab.
3	Click the Details tab.	3	Click the Ports tab.	3	From the list of ports, select the USB
4	From the Ports	4	From the list of ports,		printer port.
	drop-down menu, check the printer		select the USB printer port.		If the USB port is <b>not</b> listed, uninstall and
	port.		If the USB port is <b>not</b> listed, uninstall and		then reinstall the printer software.
	If the USB port is <b>not</b> listed, uninstall and		then reinstall the	4	Click Apply.
	then reinstall the		printer software.	5	Click OK.
_	printer software.	5	Click Apply.		
5	Click OK.	6	Click OK.		

- Make sure you have not installed multiple copies of the printer software:
  - a Windows 98/Me/2000: From the Start menu, click Settings ▶ Printers.
    - Windows XP: From the Start menu, click Control Panel ▶ Printers and Other Hardware ▶ Printers and Faxes.
  - **b** In the Printers folder, make sure there is only one Lexmark Z45 printer icon.
    - If you have installed multiple copies of the printer software, uninstall each copy. Then restart the computer and reinstall the printer software.

If the printer port is incorrect or you have installed multiple copies of the printer software, uninstall and then reinstall the printer software:

- 1 From the Start menu, click Programs or All Programs ➤ Lexmark Z45
  ➤ Uninstall.
- **2** Follow the instructions on your screen to uninstall the printer software.
- 3 Restart your computer.
- 4 Reinstall the printer software (see page 8).

## The paper feed light is blinking.

- If the printer is out of paper, load paper. For help, see page 6.
- If the printer has a paper jam, remove the jam and make sure you load the paper correctly. For help, see page 6.
- Follow the instructions on any error message that appears on your computer screen. Click the ? on the error message for help.

## **Macintosh**

## When I inserted the printer software CD, nothing happened.

- 1 Make sure the Lexmark Z45 printer software CD is in your CD-ROM drive.
- 2 From your desktop, double-click the Lexmark Z45 CD icon.
- **3** From the CD folder, double-click the Install icon.
- 4 Mac OS 8.6 to 9.2: Continue with step 3 on page 9.

Mac OS X version 10.0.3 to 10.1: Continue with step 3 on page 10.

## The printer is not working.

Make sure your USB cable is securely connected, the printer power cord is plugged in, and the power light is on. If your printer is still not working, follow the steps for your operating system.

#### Mac OS 8.6 to 9.2

- 1 From the Apple menu, choose Chooser.
- 2 In the left window of Chooser, highlight your Lexmark Z45 printer.
  - If your printer does not appear in the left window of Chooser, install the printer software (see page 9).
- 3 In the Connect to: box, select the Lexmark Z45 printer icon.
  If it is not listed, check your USB cable connection, and repeat step 2 and step 3.
- 4 Click the box at the top left to close Chooser.
- 5 When the Page Setup message dialog box appears, click OK.
- 6 From the desktop, highlight the Lexmark Z45 printer icon.
- 7 From the menu bar, choose Printing.
- 8 Make sure Set Default Printer and Start Print Queue are both selected.

#### Mac OS X version 10.0.3 to 10.1

- 1 From the Dock, click the Finder icon.
- **2** From the Finder window, click the Applications button in the toolbar.
- 3 Double-click the Utilities folder.
- 4 Double-click the Print Center icon.
- 5 From the Printers menu, choose View Printers.
  If your printer is not listed, check your USB cable connection (see page 4).
- 6 Select your Lexmark Z45 printer in the Printer List.
- **7** From the Printers menu, choose Make Default.
- **8** From the Printers menu, choose Show Queue, if available.
- **9** From the Queue menu, choose Start Queue, if available.
- 10 Select your print job.
- 11 Click Retry or Resume.

## The paper feed light is blinking.

- If the printer is out of paper, load paper. For help, see page 6.
- If the printer has a paper jam, remove the jam and make sure you load the paper correctly. For help, see page 6.
- Follow the instructions on any error message that appears on your computer screen.

## **Contacting Lexmark**

Visit our Web site at www.lexmark.com to:

- Receive technical support.
- Register your printer.
- · Access publications for your printer.
- · Check for free offers.

See the table for other ways to contact Lexmark.

Windows	Mac OS 8.6 to 9.2	Mac OS X version 10.0.3 to 10.1
<ul> <li>From the Lexmark Solution Center, click Contact Information</li> <li>Customer Support.</li> <li>Insert the printer software CD, and then click Contact Lexmark ➤ Technical Support.</li> </ul>	<ul> <li>From your printer folder, double-click Technical Support.</li> <li>Insert the printer software CD, and then click Contact Lexmark.</li> </ul>	<ul> <li>Insert the printer software CD, and then click Contact Lexmark.</li> <li>From the Lexmark Z45 Utility, click Contacting Lexmark.</li> </ul>

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