

**SAMSUNG**

**COLOR LASER PRINTER**  
**Setup Guide**

**CLP-550**  
**CLP-550N**



**For UK customers:**

**To reorder your consumables**

**Call** 0800 3164060

**For Technical Assistance**

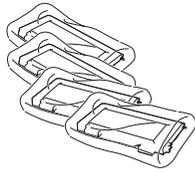
**Call** 0870 2420303

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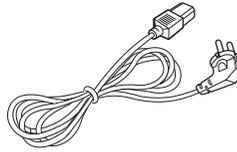
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## Step 1. Unpacking

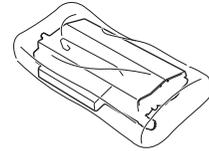
- 1 Remove the printer and all of the accessories from the packing carton. Make sure that the printer has been packed with the following items:



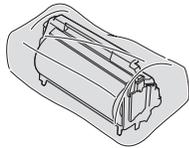
Toner Cartridges



Power Cord



Transfer Belt



Imaging Unit



CD-ROM



Setup Guide



SyncThru CD-ROM  
(CLP-550N only)



SyncThru Quick Guide  
(CLP-550N only)



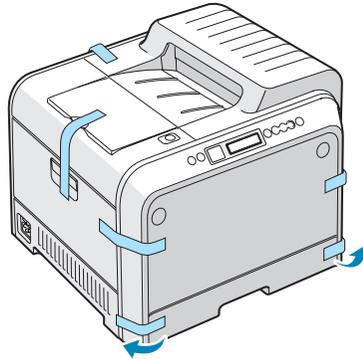
### NOTES:

- If any items are missing or damaged, notify your dealer immediately.
- Components may differ from one country to another.
- The CD-ROM contains the printer driver, the User's Guide, and the Adobe Acrobat Reader program.
- The power cord may be different depending on your country.



**CAUTION:** This printer weighs 35kg including developer cartridge and cassette. Use safe lifting and handling techniques. If you need to move the printer it must be moved by two people. Use the lifting handles located as shown in the diagram (see page 5). Back injury could be caused if a single person attempts to lift the printer.

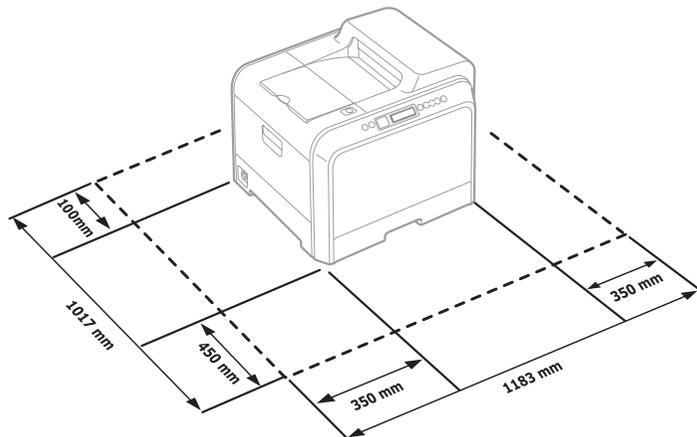
2 Carefully remove all of the packing tapes from the printer.



3 Pull the paper tray out of the printer and remove the packing tapes from the tray.

4 Select a location for the printer:

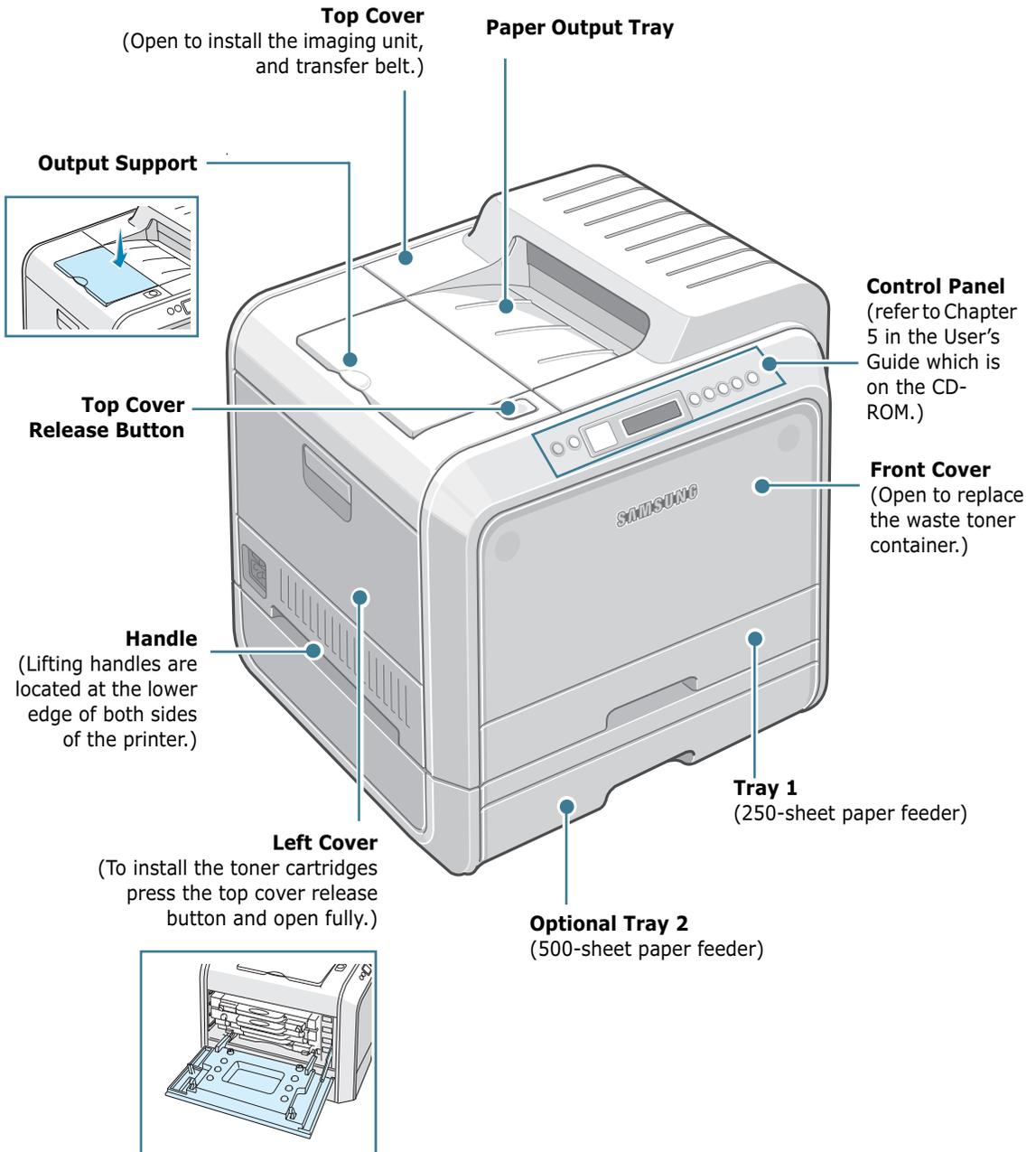
- Leave enough room to open the printer trays, covers, and allow for proper ventilation.
- Provide the proper environment:
  - A firm, level surface
  - Away from direct airflow of air conditioners, heaters, or ventilators
  - Free of temperature, sunlight, or humidity extremes or fluctuations
  - Clean, dry, and free of dust

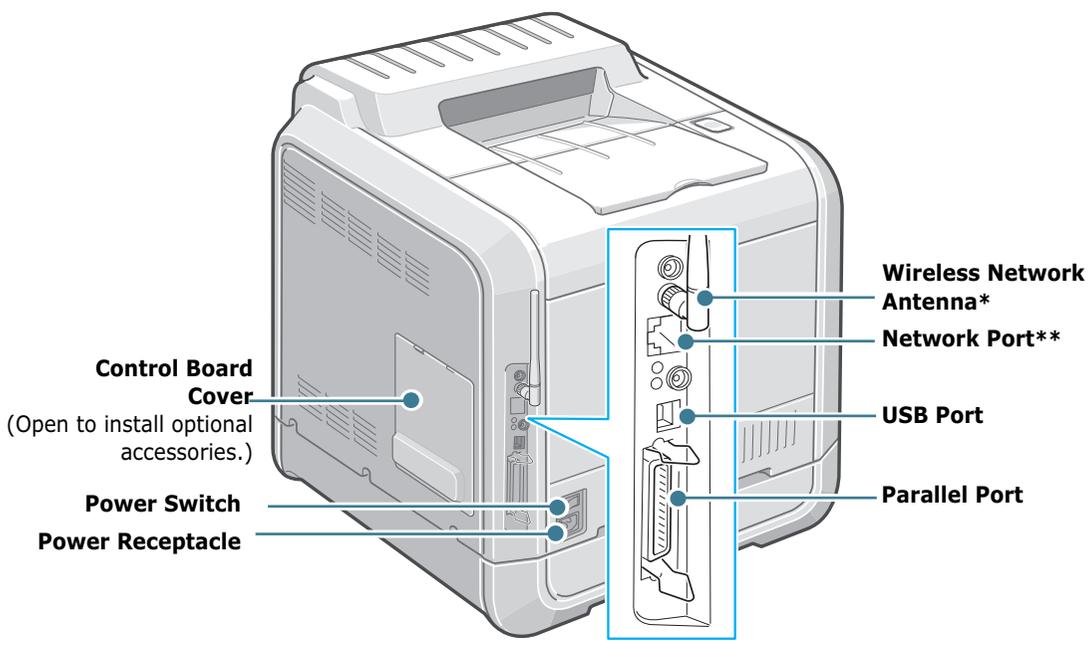
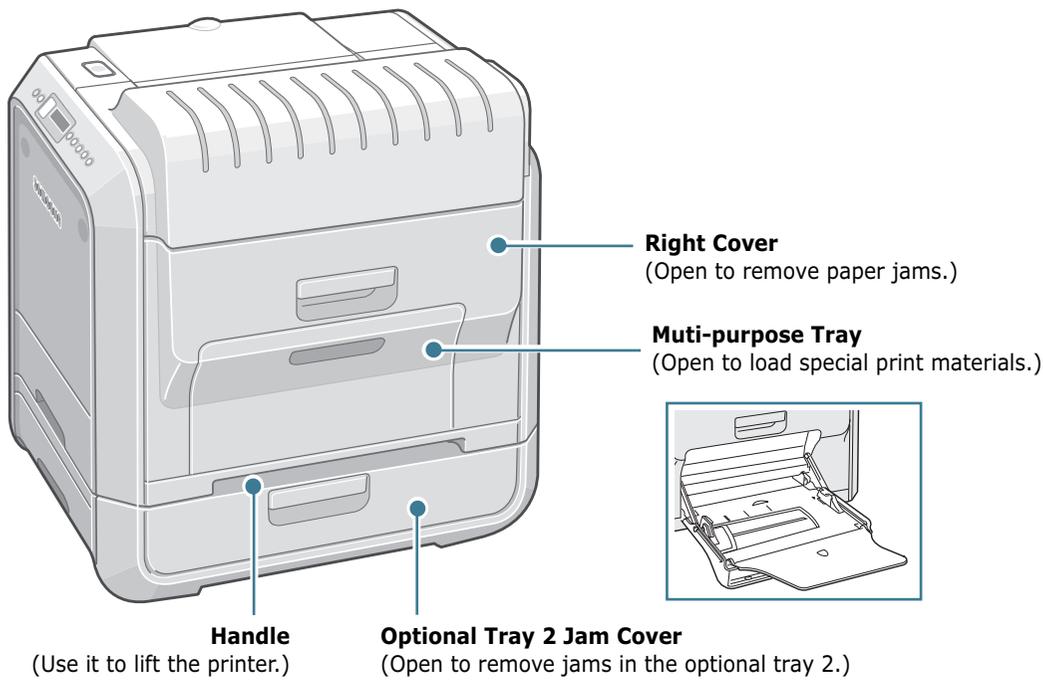


**CAUTION:** You must place your printer in the level surface. If you do not, the print quality problems can occur.

## Step 2. Understanding Your Printer

These are the main components of your printer:



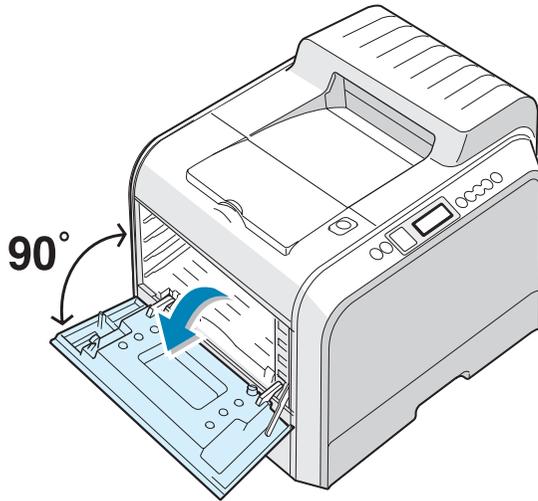


\* This wireless network antenna is not supplied with the printer. It is an option that must be purchased and installed separately.

\*\* The network port is fitted as standard on the CLP-550N. CLP-550 users can purchase an optional Network Card and install it separately. For details, see the User's Guide of the printer in the CD-ROM.

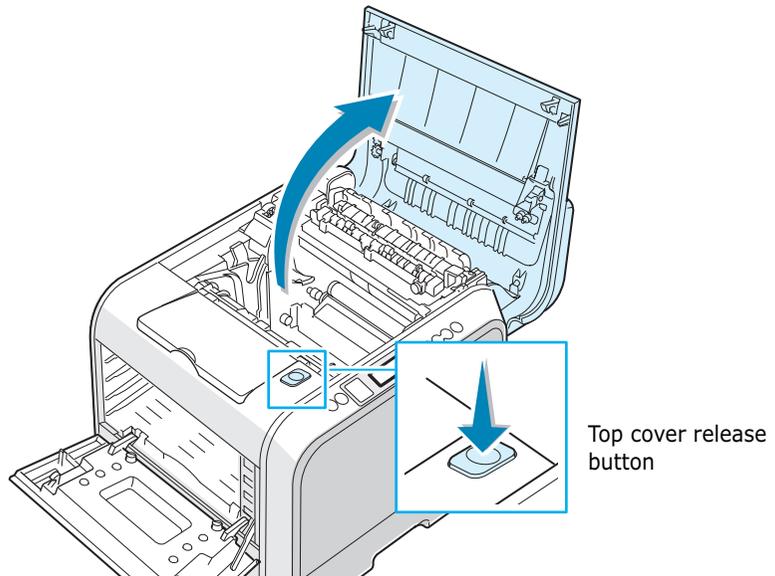
### Step 3. Installing the Imaging Unit, Transfer Belt and Toner Cartridges

- 1 Using the handle, completely open the left cover until it is at right angles to the main frame.

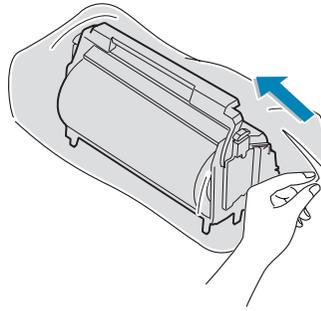


**CAUTION:** If the left cover is not completely open, the top cover release button does not be pressed.

- 2 Press the top cover release button to unlatch the top cover and open it all the way.



- 3 Take the imaging unit out of the package using the handle.



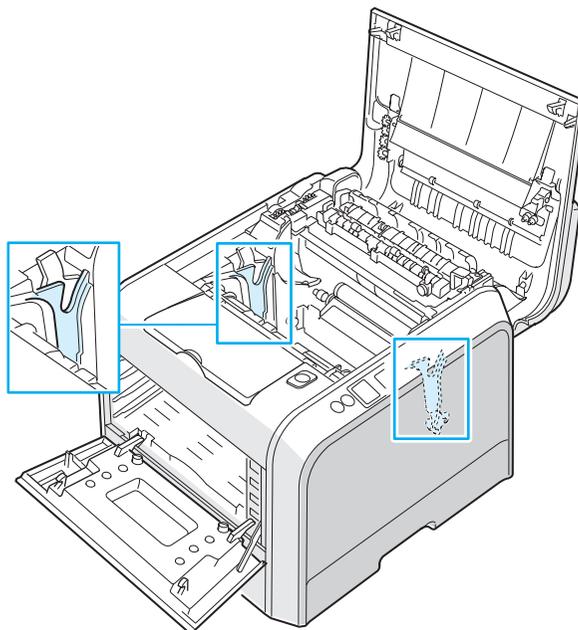
- 4 Remove the paper covering on the imaging unit by removing the tape under the handle of the imaging unit.



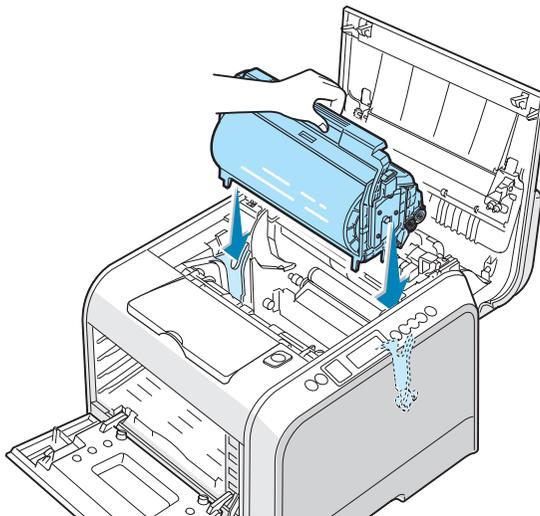
**CAUTIONS:**

- Do not use sharp objects, such as a knife or scissors, to open the imaging unit package and tape on the protective paper liner. You could damage the surface of the imaging unit.
- To prevent damage, do not expose the imaging unit to light for more than a few minutes. Cover it with black paper, if necessary.
- Do not touch the surface of the green roller on the imaging unit or print quality problems can occur.

- 5 Locate the imaging unit slots inside the printer, one on each side.

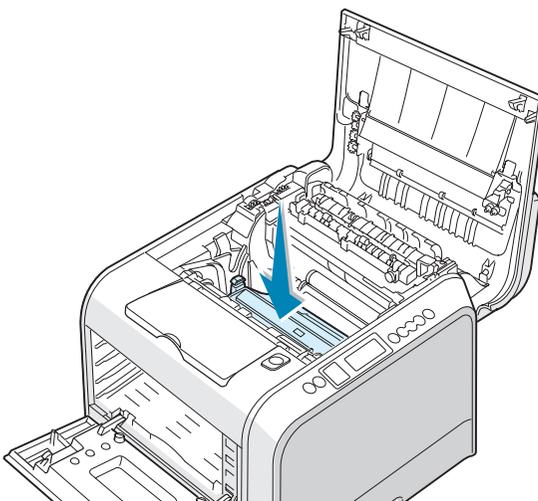


- 6 Hold the handle on the imaging unit with the green roller facing you. Align the imaging unit with the slots in your printer so that the colors on both sides of the imaging unit slide into the corresponding colors of the slots.



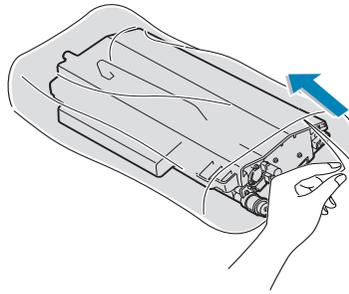
**CAUTION:** Insert the imaging unit carefully so as not to scratch and damage the surface of the green roller.

- 7 Slide the imaging unit down into the printer until it cannot be pushed in any further and fold the handle down.



**CAUTION:** To prevent damage, do not expose the imaging unit to light for more than a few minutes. Close the top and left cover should the setup need to be halted for any reason.

**8** Take the transfer belt out of the package.

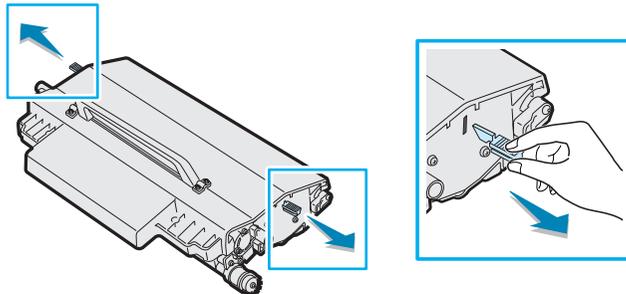


**9** Remove the paper covering on the transfer belt by removing the tape.

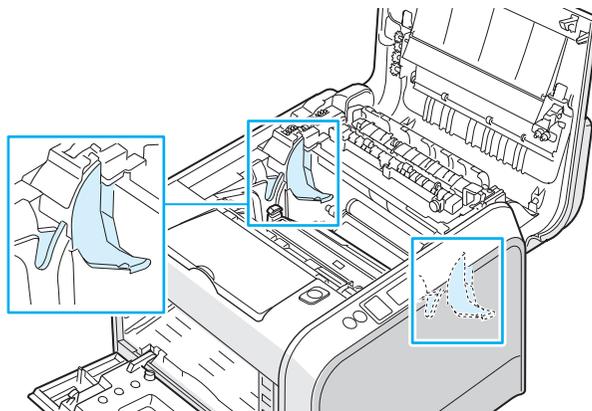


**CAUTION:** Don't use sharp objects, such as a knife or scissors, to open the transfer belt package. You could damage the surface of the transfer belt.

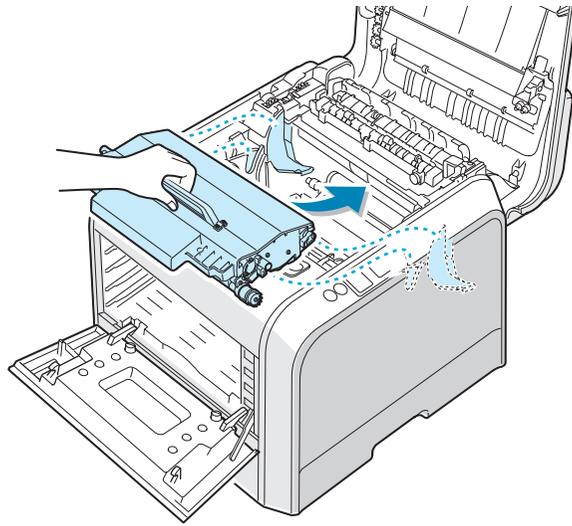
**10** Pinch the transfer belt tension levers on both sides of the transfer belt. Then, pull them out, as shown below.



**11** Locate the transfer belt slots inside the printer, one on each side.

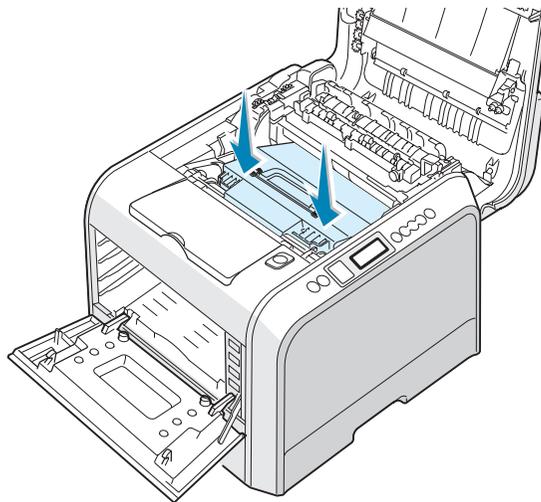


- 12** Hold the handle on the transfer belt and align it with the slots in your printer.

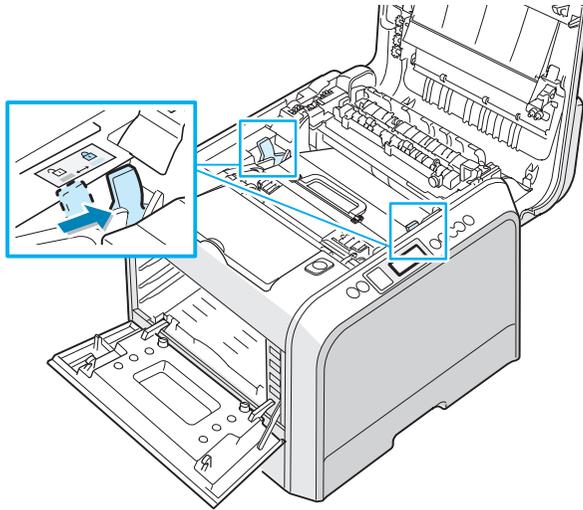


**NOTE:** Keep the transfer belt level, do not turn the transfer belt over otherwise toner may be spilled.

- 13** Slide the transfer belt down into the printer. Press it firmly to make sure that it latches into place.

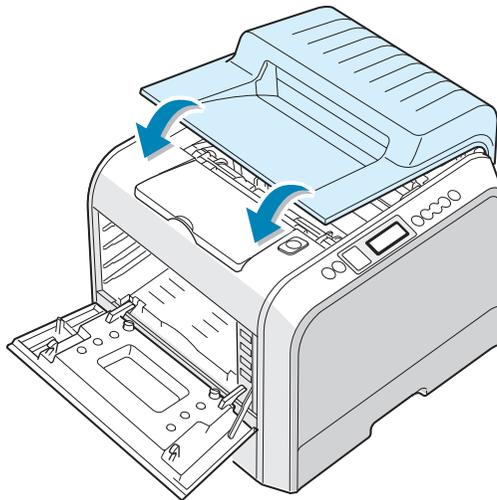


**14** Firmly push the lock levers on each side towards the top cover, as shown below, to lock the transfer belt into place.



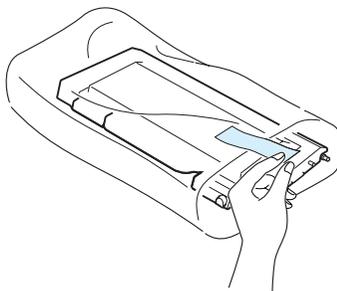
**CAUTION:** If you open the left cover for a few minutes, the imaging unit can be exposed to light. This causes damage to the imaging unit.

**15** After making sure that the left cover is open, close the top cover. Make sure that it is securely latched.



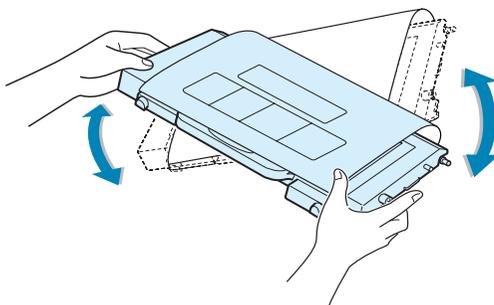
**CAUTION:** Do not try to close the left cover with the top cover open. This may cause damage to the printer.

**16** Take the toner cartridges out of their packages.

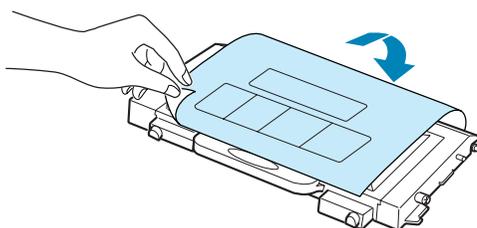


**CAUTION:** Do not use sharp objects, such as a knife or scissors, to open the toner cartridges packages. You could damage the surface of the toner cartridges.

**17** Holding both sides of the cartridges, gently roll them from side to side to distribute the toner.

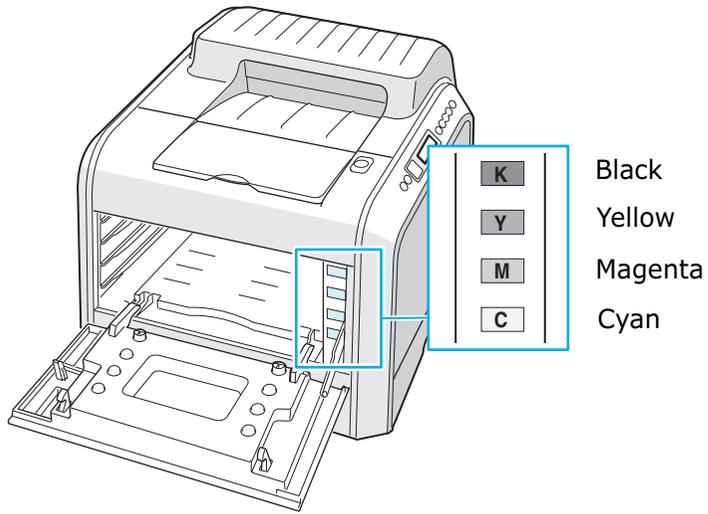


**18** Place the toner cartridges on a flat surface as shown and remove the paper covering on the toner cartridge by removing the tape.

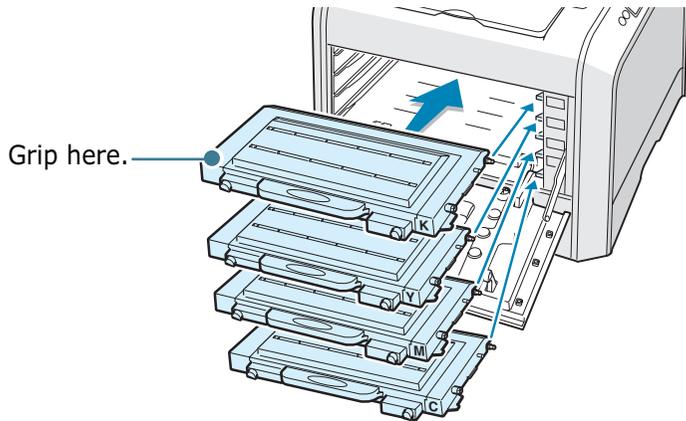


**NOTE:** If toner gets on your clothing, wipe it off with a dry cloth and wash it in cold water. Hot water sets toner into fabric.

**19** On the right hand side of the toner cartridge slot is a label that identifies which color cartridge to fit into each slot.

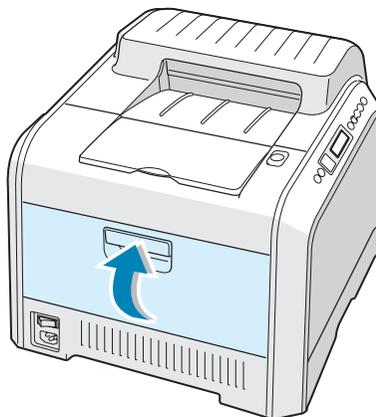


**20** Holding each toner cartridge, insert them into their corresponding positions shown in order of Cyan, Magenta, Yellow and then Black. Using both hands, grip the cartridge to insert into the slot. Then hold the handle to slide the cartridge in.



When the toner cartridges are correctly installed the yellow and black cartridges are not fully inserted. These will be pushed into place when you close the left cover.

**21** Close the left cover. Make sure that it is securely latched.



If you have installed the toner cartridges incorrectly, the left cover will not close properly. Check again to make sure the cartridge colors correspond to those marked on the right hand side. Never use force to close the cover.



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**NOTE:** When printing text at 5% coverage, you can expect a toner cartridge life of about 7,000 pages for black and 5,000 pages for color.

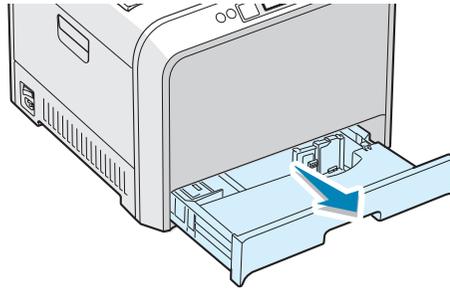
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## Step 4. Loading Paper

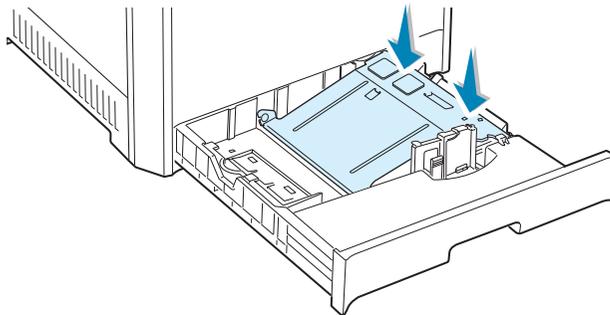
The tray (Tray 1) can hold a maximum of 250 sheets of plain paper. You can use A4 and letter-sized paper.

To load paper:

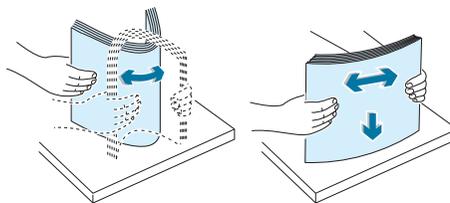
- 1 Pull the tray out of the printer.



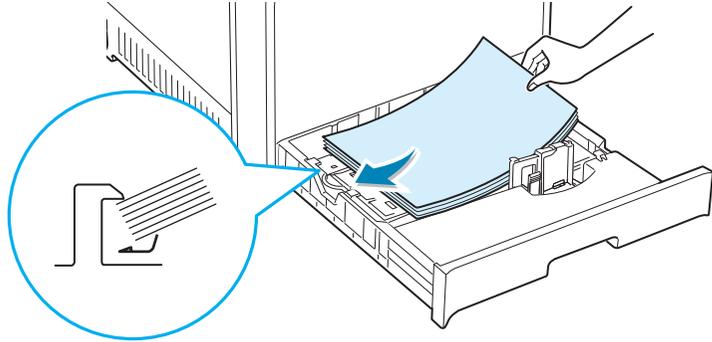
- 2 Push down on the metal plate until it locks into position.



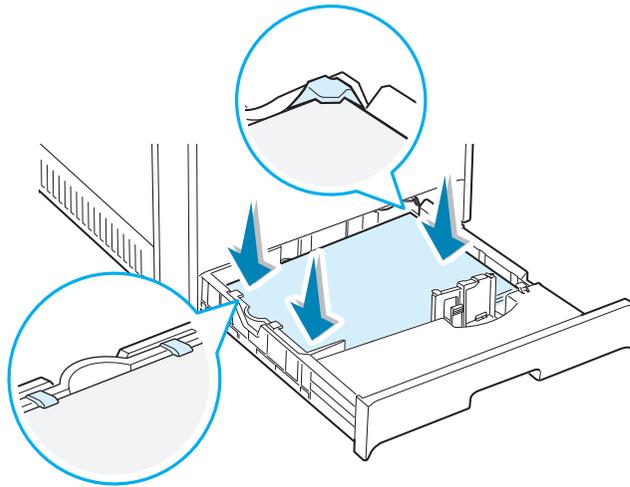
- 3 Flex the paper sheets back and forth to separate the pages and then fan them while holding one edge. Tap the edges of the stack on a flat surface to even it up.



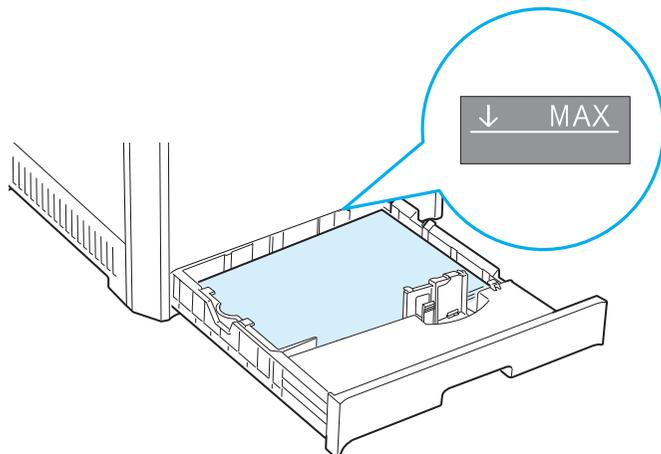
**4** Load paper **with the print side facing up.**



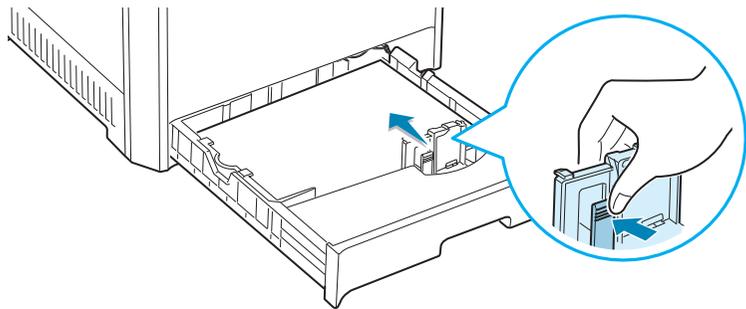
Make sure that all four corners are flat in the tray and under the corner brackets, as shown below.



**5** Do not exceed the maximum stack height. Overfilling the tray may cause a paper jam.

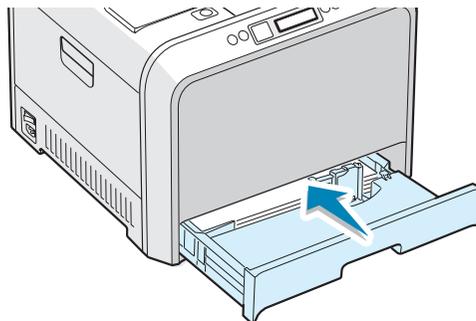


- 6 Pinch the paper guide as shown and move it towards the paper until it lightly touches the side of the stack. Do not press the guide too tightly against the edge of the paper as the guide may bend the paper.



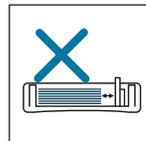
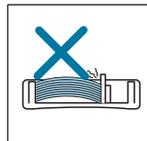
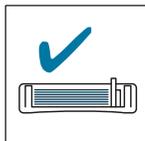
**NOTE:** If you want to change the paper size in the tray, refer to the User's Guide of your printer supplied in the CD-ROM.

- 7 Slide the tray back into the printer.



**NOTES:**

- Do not push the width guide far enough to cause the material to warp.
- If you do not adjust the width guide, it may cause paper jam.



## Step 5. Connecting a Printer Cable

### For Local Printing

To print from your computer in a local environment, you need to connect your printer to the computer with either a parallel interface cable or a Universal Serial Bus (USB) cable.

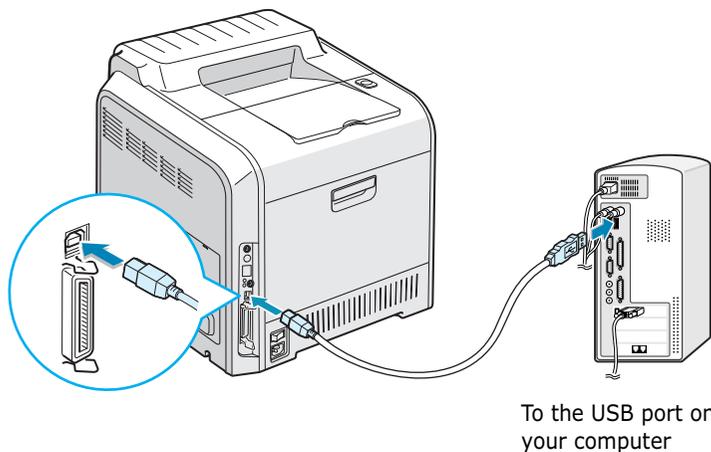
If you are a Macintosh user, you can use only a USB cable for local printing.

### Using a USB Cable



**NOTE:** Connecting the printer to the USB port of the computer requires a certified USB cable. You will need to buy a USB 2.0 compliant cable that is within 3m in length.

- 1 Make sure that both the printer and the computer are turned off.
- 2 Plug the USB printer cable into the connector on the back of the printer.



- 3 Connect the other end of the cable to the USB port on your computer.

See the User's Guide of your computer, if you need help.



**NOTE:** To print using the USB interface, you must run Windows 98/Me/2000/XP, or Macintosh with OS 8.6~9.2/10.1~10.3.

## Using a Parallel Cable

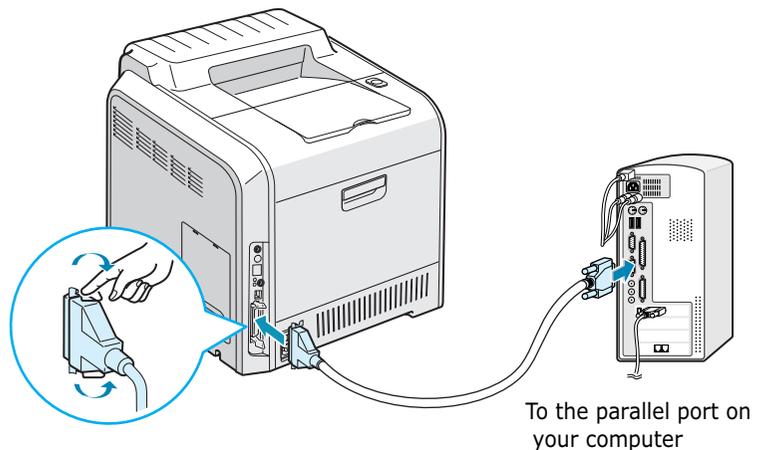


### NOTES:

- The parallel port may not be available depending on your country.
- To connect the printer to the parallel port of the computer requires a certified parallel cable. You need to buy a IEEE1284 compliant cable that is within 3m in length.

- 1** Make sure that both the printer and the computer are turned off.
- 2** Plug the parallel printer cable into the connector on the back of the printer.

Push the metal clips down to fit inside the notches on the cable plug.



- 3** Connect the other end of the cable to the parallel interface port on your computer, and tighten the screws.  
See the User's Guide of your computer, if you need help.

## For Networking Printing

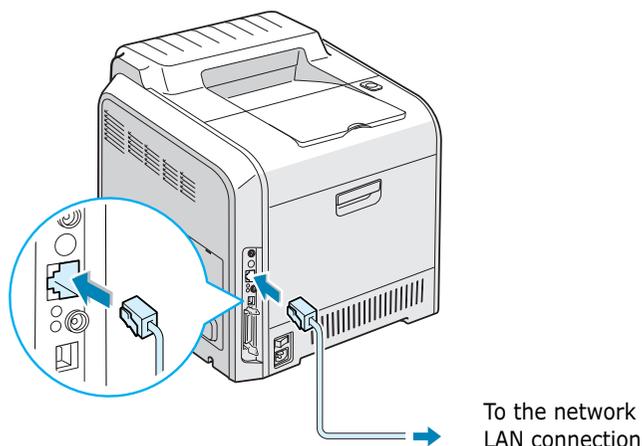
You can attach your CLP-550 or CLP-550N printer to a network using an Ethernet cable (UTP cable with RJ.45 connector).

CLP-550N has a built-in network interface card. If you are a CLP-550 user, you need to install an optional network interface card.

If you want to use the printer in both a wired and a wireless network environments, you need to install an optional wired/wireless network interface card. For details about installing the card, see the User's Guide of your printer in the CD-ROM.

### Using an Ethernet cable

- 1 Make sure that both the printer and the computer are turned off.
- 2 Plug one end of the Ethernet cable into the Ethernet network port on the Printer.



- 3 Plug the other end of the cable into a network LAN connection.

For details about installing the network card, see the User's Guide of your printer in the CD-ROM.

## Using a network antenna

If you install the wired/wireless network card, you can use your printer in wireless environment.

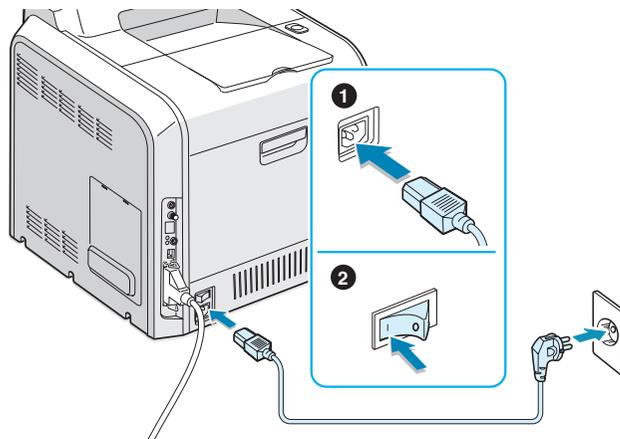
For details about installing the wired/wireless network card, see the User's Guide of your printer in the CD-ROM.



**NOTE:** After connecting the printer you need to configure the network parameters on the control panel. See the User's Guide of your printer. You can use the software supplied with the card. Refer to the software User's Guide.

## Step 6. Turning the Printer On

- 1 Plug the power cord into the power receptacle on the back of the printer.
- 2 Plug the other end into a properly grounded AC outlet and turn on the power.



### CAUTIONS:

- Some parts inside of the printer may be hot when power is on or after printing. Be careful not to burn yourself when working inside the printer.
- Do not disassemble the printer when it is powered on. Doing so may give you an electric shock.

## Step 7. Printing a Demo Page

Print a demo page to make sure that the printer is operating correctly.

In ready mode, press and hold the **Upper Level** button (⏸) on the control panel for 2 seconds to print a demo page.

A demo page showing the printer's features and capabilities prints out.

## Step 8. Changing the Display Language

To change the language that is displayed on the control panel, take the following steps:

- 1** In ready mode press the **Menu** button (☰) on the control panel until you see 'Setup' on the bottom line of the display.
- 2** Press the **Enter** button (⊗) to access the menu.
- 3** Press the **Enter** button (⊗) when 'LCD Language' displays on the bottom line.
- 4** Press the scroll button (◀ or ▶) to display the language you want to use.
- 5** Press the **Enter** button (⊗) to save the selection.
- 6** Press the **On Line/Continue** button (⋯) to return to ready mode.

## Step 9. Installing the Printer Software

The supplied CD-ROM contains Windows printing software, Macintosh printing software, Linux printing software, Win RCP (Remote Control Panel), on-line User's Guide and Acrobat Reader to view the User's Guide.

### If you are printing from Windows:

You can install the following printer software using the CD-ROM.

- **PostScript** Printer Description (PPD) file for Windows to allow installation of the PostScript driver. For information about installing the PostScript driver, refer to Appendix B in the User's Guide.
- **Samsung Proprietary printer driver** for Windows. Use this driver to take full advantage of your printer's features. See page 25.
- **USB driver** only for Windows 98/Me/2000/XP. For details about installing the USB driver, see page 25.
- **Remote Control Panel** for DOS applications. This Windows-based program is automatically installed when you install the printer driver. For information about using the program, refer to Appendix D in the User's Guide.

### If you are printing from Macintosh:

For information about installing the print software and printing from a Macintosh, refer to Appendix A in the User's Guide. To view the User's Guide, see page 31.

### If you are printing in Linux:

For information about installing the Linux driver, refer to Appendix B in the User's Guide. To view the User's Guide, see page 32.

## Installing Printer Software in Windows

Verify the following before you install the printer software:

| Item              | Requirements                    |        |
|-------------------|---------------------------------|--------|
| Operating system  | Windows 95/98/Me/NT 4.0/2000/XP |        |
| RAM               | 95/98/Me                        | 32 MB  |
|                   | NT 4.0/2000                     | 64 MB  |
|                   | XP                              | 128 MB |
| Free disk space   | 95/98/Me/NT 4.0/<br>2000/XP     | 300 MB |
| Internet Explorer | 5.0 or higher                   |        |



**NOTE:** For Windows NT 4.0/2000/XP, the system administrator should install the software.

All applications should be closed on your PC before beginning installation.



- 1 Place the CD-ROM in the CD-ROM drive. Installation will start automatically.

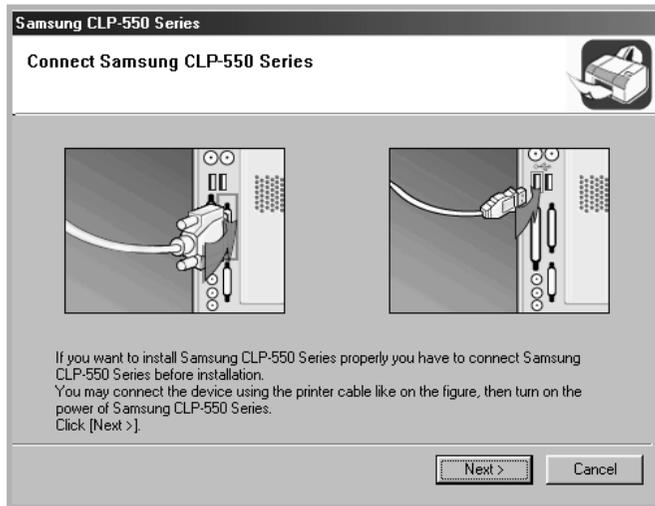
### If the CD-ROM drive does not automatically run:

Select **Run** from the **Start** menu, and type **x:\Setup.exe** in the Open box (where **x** is the drive letter for the CD-ROM drive), then click **OK**.



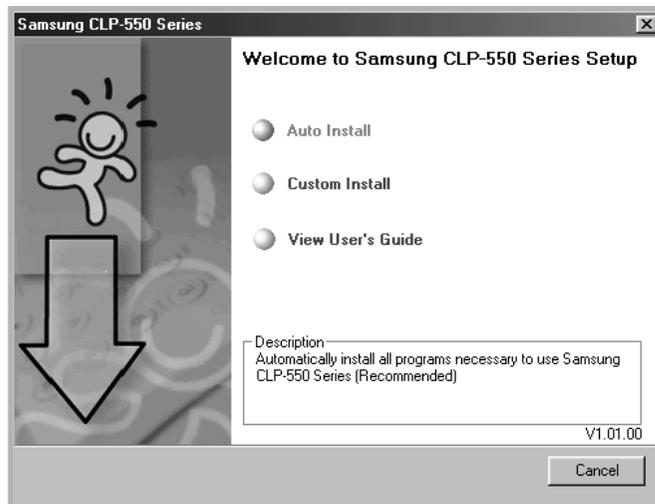
**NOTE:** If the **New Hardware Found** window appears during the installation procedure, click  in the upper right corner of the box, or click **Cancel**.

- 2 When the following window opens, connect your printer to the computer and turn the printer on. Then click **Next**.



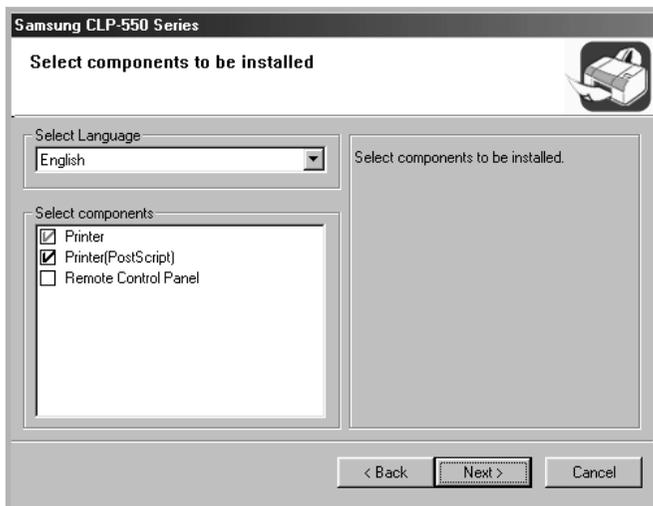
If the printer is already connected and turned on, this screen does not appear. Skip to the next step.

- 3 Choose the installation type.



- **Auto Install:** Installs the common software for your printer, such as printer driver, USB driver, PS driver and User's Guide. This is recommended for most users.

- **Custom Install:** Allows you to choose the language of the software and the components you want to install. After selecting the language and the component(s), click **Next**.



- **View User's Guide:** Opens Samsung CLP-550 Series User's Guide. If your computer doesn't have Adobe Acrobat, click on this option and it will automatically install Adobe Acrobat Reader for you.

- 4 After the installation is finished, the window asking you to print a test page appears. If you want to print a test page, select the checkbox and click **Next**.

Otherwise, just click **Next** and skip to step 6.

- 5 When the test page prints out correctly, click **Yes**.

If not, click **No** to reprint it.

- 6 To register yourself as a user of Samsung Printers, select the checkbox and click **Finish**. You are now accessed to the Samsung web site.

Otherwise, just click **Finish**.



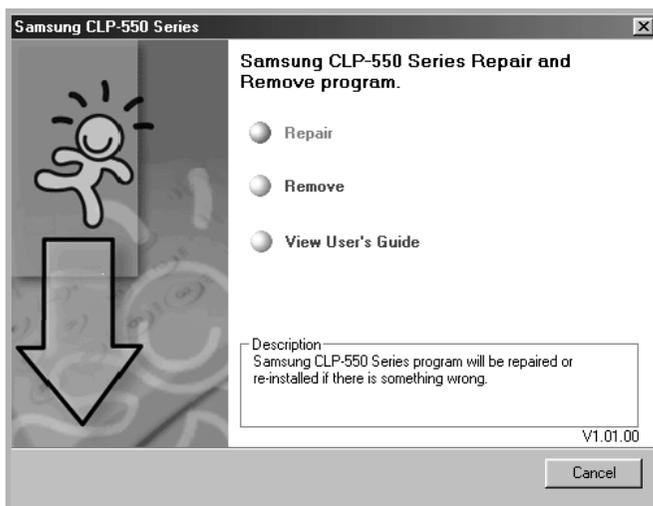
#### NOTES:

- When you want to use your printer with the parallel cable, remove the USB cable and connect the parallel cable. Then repair the printer driver; select **Start** → **Programs** → **Samsung CLP-550 Series** → **Printer Maintenance** → **Repair** → **Printer**. If you have replaced the parallel cable with the USB cable, do the same to repair the driver.
- If your printer doesn't work properly, reinstall the printer driver.
- You can also print from Macintosh or Linux. For detailed information, refer to the User's Guide of the printer.
- After installation of the software, you can reinstall or remove the printer software, if necessary. Also, you can change the display language. For detailed information, see page 29 ~ page 30.

## Reinstalling Printer software

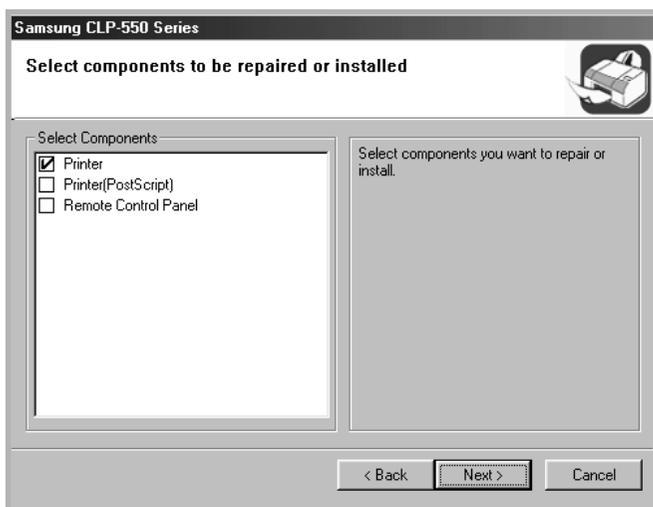
Repair is required if your installation fails.

- 1 From the **Start** menu, select **Programs**.
- 2 Select **Samsung CLP-550 Series**, and then **Printer Maintenance**.
- 3 Select **Repair** and then click **Next**.



**NOTE:** If your printer is not connected to the computer, the Connect Samsung CLP-550 Series window opens. After connecting the printer, click **Next**.

- 4 Select the components you want to reinstall and click **Next**.



- 5 If you select **Printer**, follow steps 4 and 5 on page 27.
- 6 When the reinstallation is done, click **Finish**.

## Removing Printer software

- 1 From the **Start** menu, select **Programs**.
- 2 Select **Samsung CLP-550 Series**, and then **Printer Maintenance**.
- 3 Select **Remove** and then click **Next**.
- 4 Select the components you want to remove and then click **Next**.
- 5 After the software is removed, click **Finish**.

## Changing the Display Language

After installation of the software, you can change the display language.

- 1 From the **Start** menu, select **Programs**.
- 2 Select **Samsung CLP-550 Series**, and **Language Selection**.
- 3 Select the desired language from the language selection window, and click **OK**.

## Step 10. Viewing the User's Guide

The Samsung CLP-550 Series User's Guide, which is in the software CD-ROM, is in Adobe Acrobat PDF format. The manual will give you flexibility and convenience when you have to access information.

You can view the manuals on-screen in different formats (viewing a single page, continuous single page or continuous facing page, zooming in up to 1600% or out up to 12.5%, scrolling two-up page or article flow). You can also print the manual, if necessary.

### In Windows

After installing the printer software, you can view User's Guide in PDF format at any time from your Windows desktop.

- 1 From the **Start** menu, select **Programs**.
- 2 Select **Samsung CLP-550 Series** and **View User's Guide**.

Adobe Acrobat automatically runs and then the User's Guide opens.



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**NOTE:** If your computer doesn't have Adobe Acrobat, selecting the **View User's Guide** option automatically installs Adobe Acrobat for you. After installing is complete, repeats step 1 and 2.

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### In Macintosh

- 1 Place the CD-ROM in the CD-ROM drive.
- 2 Double-click **SAMSUNG\_CLP** on your Macintosh desktop.
- 3 Double-click **User's Guide** folder.
- 4 Double-click **User's Guide.pdf(language)**. The Adobe Acrobat programme opens and you can view the User's Guide.

## In Linux

- 1 When the Administrator Login window appears, type in “**root**” in the login field and enter the system password.
- 2 Insert the printer software CD-ROM.
- 3 Click the  icon at the bottom of the screen. When the terminal screen appears, type in:  
[root@local /root]# **cd /mnt/cdrom**(the CD-ROM directory) ←  
[root@local cdrom]# **gv manual/EnGuide.pdf** ←



**NOTE:** If your ghostscript version is old, you may not be able to see the pdf file. Then, install Acrobat Reader on your system or try to read the User’s Guide on a Windows system.

1. Click the  icon at the bottom of the screen. When the terminal screen appears, type in:  
[root@local /root]# **cd /mnt/cdrom**(the CD-ROM directory) ←  
[root@local cdrom]# **manual/acrobat4/INSTALL** ←
2. After reading the license agreement, type **accept** ←.
3. When you are asked of the installation directory, just type the enter key.
4. You need to make a symbolic link to execute Acrobat Reader without full path:  
[root@local cdrom] # **ln -s/ usr/local/acrobat4/bin/acroread /usr/bin/acroread** ←
5. Now, you can read the pdf files with Acrobat Reader.  
[root@local cdrom]# **acroread /mnt/cdrom/manual/EnGuide.pdf** ←





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