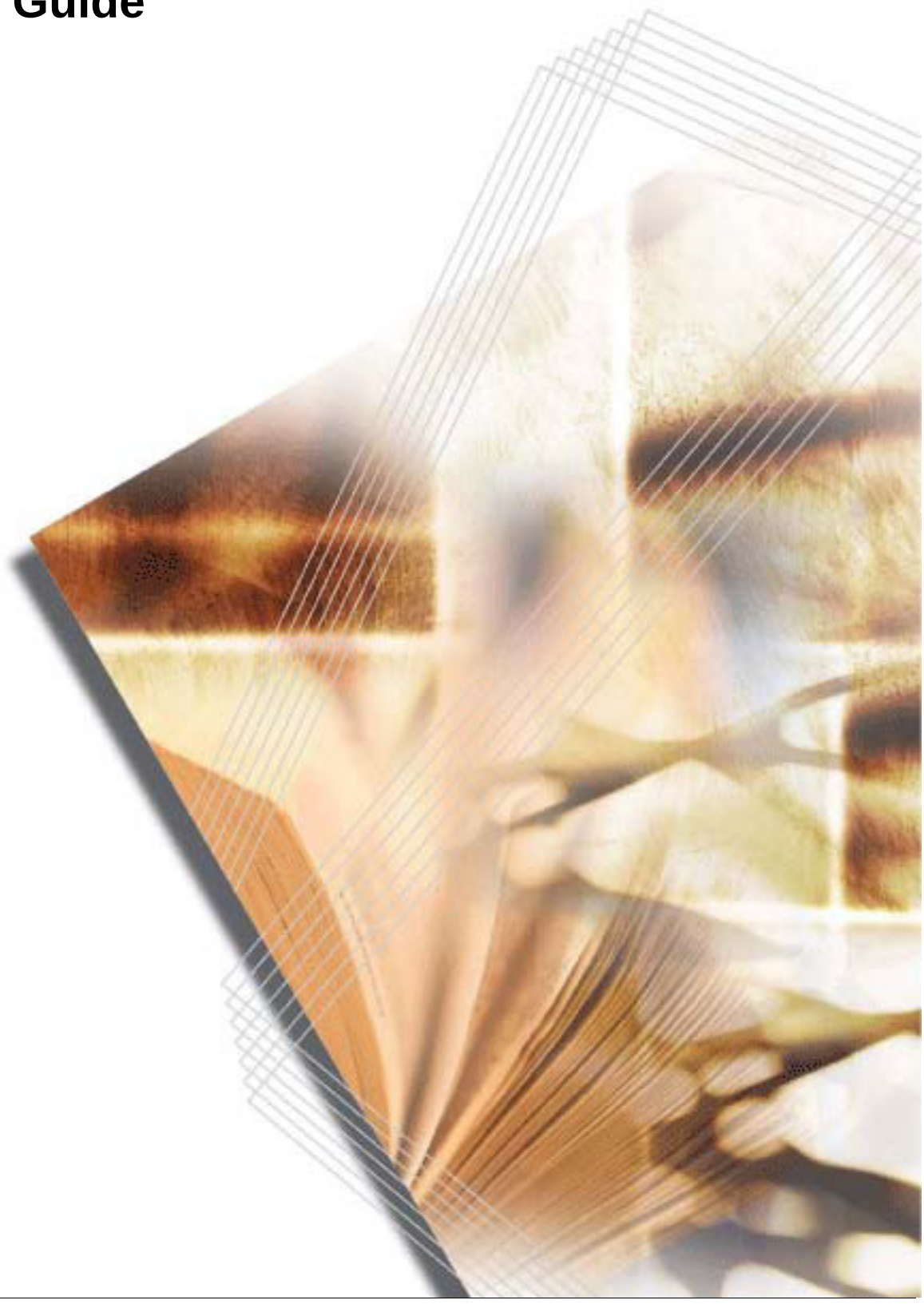
Kyocera Extended Driver

User Guide



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Examples of the operations given in this guide are for the Windows XP printing environment. Essentially the same operations are used for Windows 95/98/Me/2000 environments.

Models supported by the KX printer driver

Copier/MFP	KM- 1510 KM- 1530 KM- 1810 KM- 1815 KM- 1820 / FS- 1118MFP KM- 2030 KM- 2530 KM- 2550 KM- 3035 KM- 3530 KM- 4030 KM- 4035	KM- 4230 KM- 4530 KM- 5035 KM- 5230 KM- 5530 KM- 6030 KM- 6230 KM- 6330 KM- 7530 KM- 8030 FS- 1118MFP KM- C830 KM- C830D	KM- C850 KM- C850D KM- C2630 KM- C2630	
Printers	FS- 600 FS- 680 FS- 800 FS- 820 FS- 920 FS- 1000 FS- 1000+ FS- 1010 FS- 1018MFP FS- 1020D FS- 1050 FS- 1200 FS- 1700 FS- 1700+ FS- 1714M FS- 1750	FS- 1800 FS- 1800+ FS- 1900 FS- 1920 FS- 3700 FS- 3700+ FS- 3718M FS- 3750 FS- 3800 FS- 3820N FS- 3830N FS- 5800C FS- 5900C FS- 6020 FS- 6026 FS- 6300	FS- 6350TW FS- 6700 FS- 6750 FS- 6900 FS- 6950TW FS- 7000 FS- 7000+ FS- 7028M FS- 8000C FS- 9000 FS- 9100DN FS- 9120DN FS- 9500DN FS- 9520DN FS- C5016N FS- C5020	FS- C8008N FS- C8026N Ci1100 DP- 1400 DP- 1800 DP- 2800 DP- 2800+ DP- 3600

The explanatory screens shown in this guide may differ from your printing system.

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Revision 1.3

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Chapter 1 Installation

Installing the Printer Driver in Windows

A printer driver is an application that sends documents to the printer. Install the printer driver from the supplied Kyocera Software Library CD-ROM. Once installed, a variety of printer settings can be configured.

NOTE

In Windows XP or 2000, you must be logged into the system with administrator privileges to install the printer driver.

When installing the printer driver, specify the connection method to the computer. There are four connection methods:

- Local Connection
- USB Connection
- Network Connection
- LPR Connection

NOTE

Once the printer driver is installed, you can add more components. For detailed information on installing components, see Installing Components on page 25.

Local Connection

This section describes how to install the printer driver when the printer and computer are connected through a parallel cable connection.

To install using a Local Connection:

1 Ensure the power for the computer and printer are turned off.
2 Connect the computer and printer using a parallel cable. Once connected, power on both devices.

NOTE

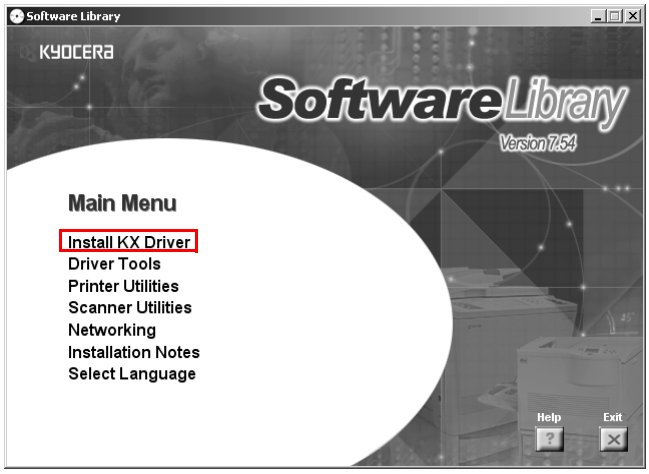
- *Ensure the printer is ready to print (remove packing materials, insert paper and any toner or ink cartridges) before connecting the cable.*
- *For further details on connecting using a parallel cable, refer to the printer's Operation Guide.*
- *If the **Welcome to the Found New Hardware Wizard** dialog box is displayed, click **Cancel**.*

3 Insert the Kyocera Software Library CD-ROM into the CD drive.
Once the installation program launches, the **License Agreement** appears.

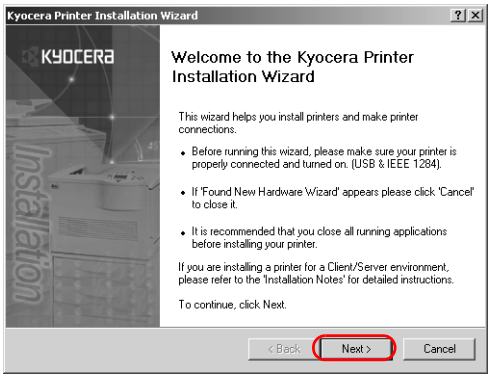
4 Click **View License Agreement** to display and read the License Agreement.

5 Click **Accept** to proceed to the **Main Menu** dialog box.
If the installation program fails to launch after inserting the CD-ROM into the CD drive, navigate to Windows Explorer, access the CD-ROM, and double-click the **Setup.exe** file.

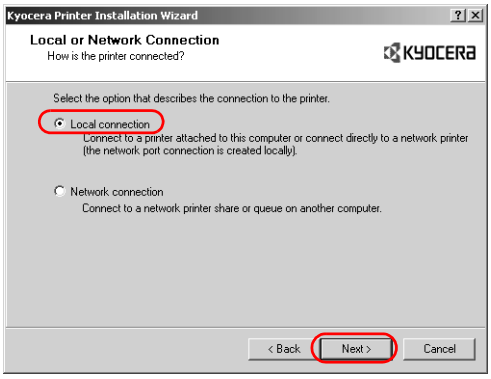
6 Click **Install KX Driver**.



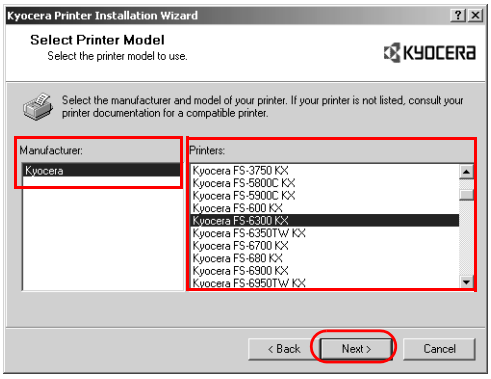
7 The **Welcome to the Kyocera Printer Installation Wizard** dialog box appears. Click **Next**.



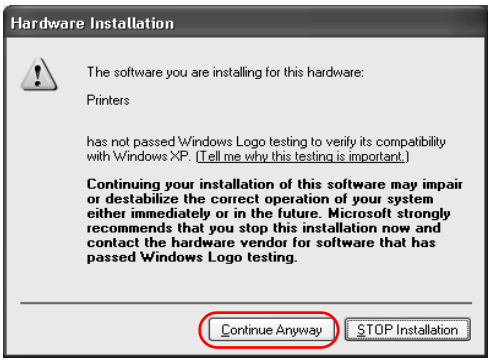
8 The **Local or Network Connection** dialog box appears. Select **Local connection,** and click **Next.**



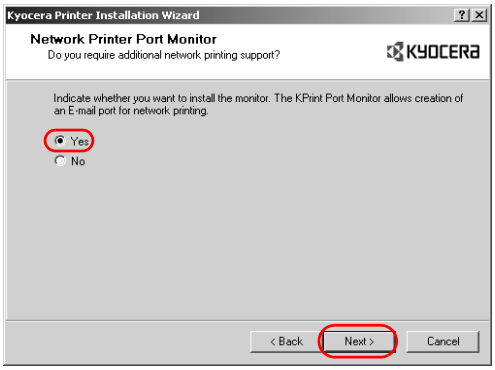
9 The **Select Printer Model** dialog box appears. From the list, select the **Manufacturer** and corresponding **Printers** you wish to connect, and click **Next**.



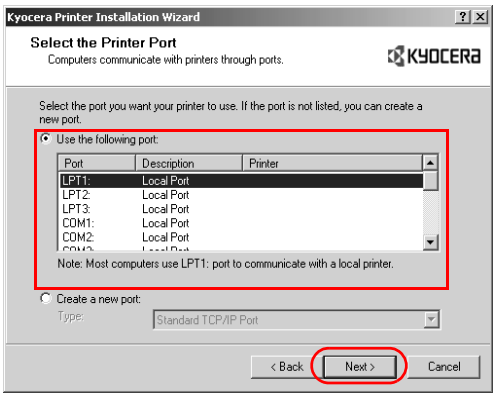
- If the **Found New Hardware** dialog box appears, click **Cancel**.
- If the **Hardware Installation** warning dialog box appears, click **Continue Anyway**.



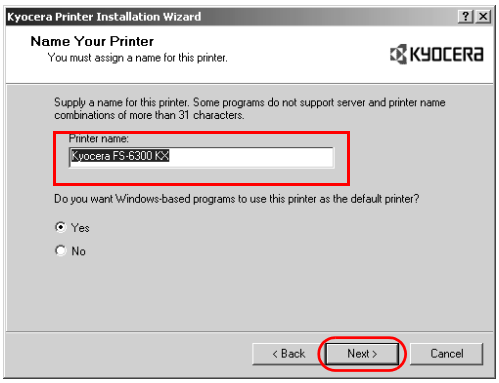
- If the **Network Printer Port Monitor** dialog box appears, select **Yes** to install an e-mail printer port for network printing and click **Next**.



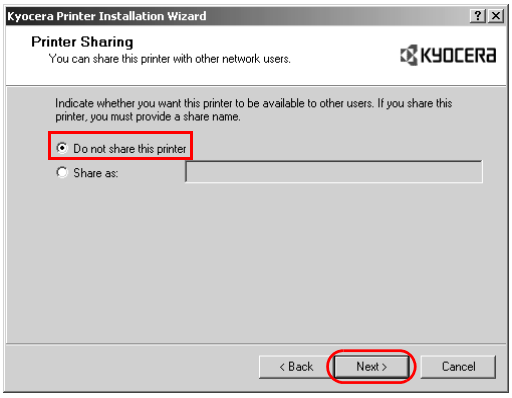
10 The **Select the Printer Port** dialog box appears. Select **LPT1:** from **Use the following port:**, and then click **Next**.



11 The **Name Your Printer** dialog box appears.
Select **Yes** or **No** to use the printer as the default printer for Windows-based programs.
Click **Next**.

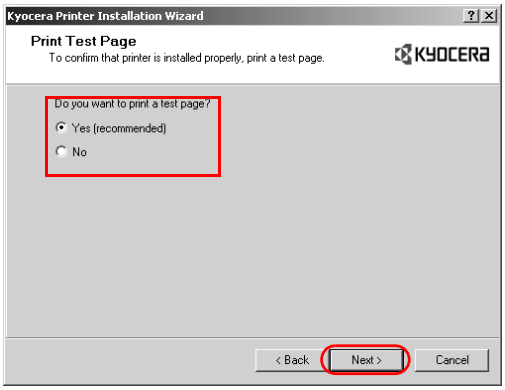


12 The **Printer Sharing** dialog box appears.
If you do not want to share the printer, select **Do not share this printer** and click **Next**.

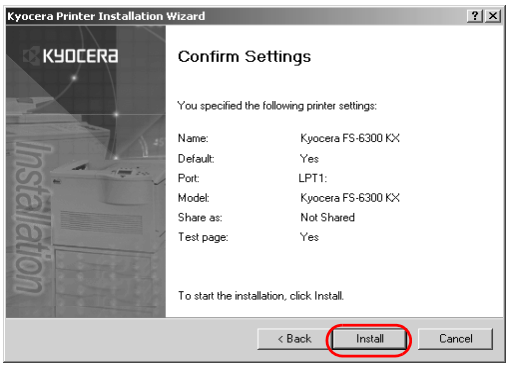


13 The **Print Test Page** dialog box appears.

- Select **Yes (recommended)** to print a test page to confirm the proper operation of your printer and click **Next**. If the test page does not print properly, click **Troubleshoot** to determine the problem.
- Select **No** if you do not wish to print a test page and click **Next**.

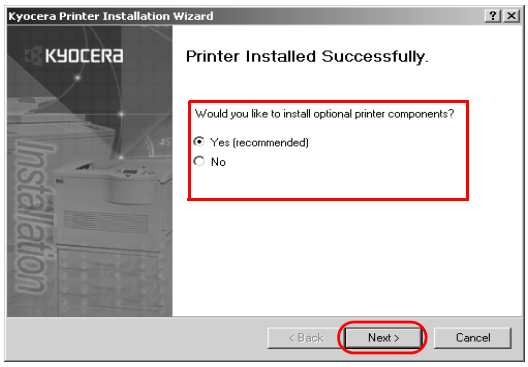


14 The **Confirm Settings** dialog box appears. Verify the settings and click **Install**. The printer driver installation begins.

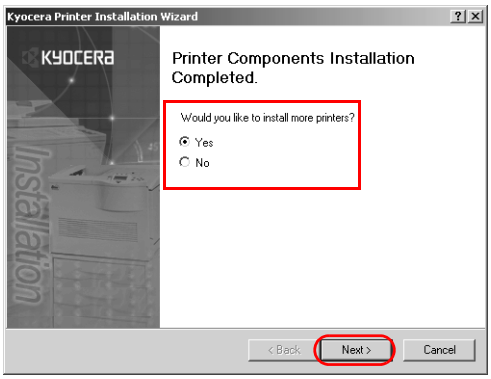


15 Once the installation is complete, the **Printer Installed Successfully** dialog box appears.

- Select **Yes (recommended)** to install optional components and click **Next**. Proceed to Installing Components on page 25.
- Select **No** if you do not wish to install optional components and click **Next**.



16 Choose from one of the following options:
- Select **Yes** and click **Next** to install additional printer drivers. The **New Printer Installation** dialog box appears.
- Select **No** to complete the installation and click **Finish**.



The installation of the printer is now complete. If prompted, restart your system.

USB Connection

This section describes how to install the printer driver when the printer and computer are connected using a USB connection.

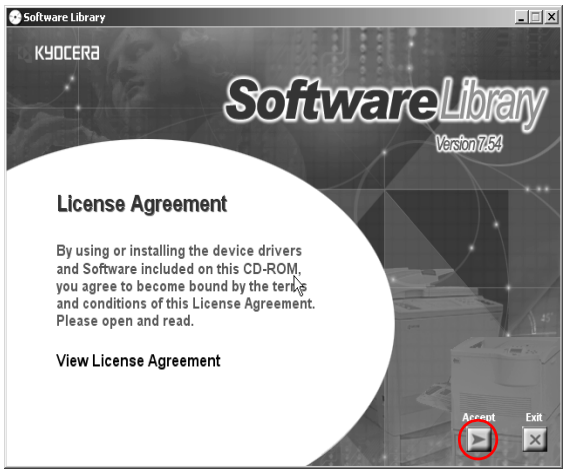
To install using a USB Connection:

1 Ensure the power for the computer and printer are turned off.
2 Connect the computer and printer using a USB cable. Once connected, power on both devices.

NOTE
- *Ensure the printer is ready to print (remove packing materials, insert paper and any toner or ink cartridges) before connecting the cable.*
- *For further details on connecting using a USB cable, refer to the printer's Operation Guide.*
- *If the **Welcome to the Found New Hardware Wizard** dialog box appears, click **Cancel**.*

3 Insert the Kyocera Software Library CD-ROM into the CD drive.

4 Once the installation program launches, the **License Agreement** dialog box appears. Click **View License Agreement** to display and read the License Agreement.

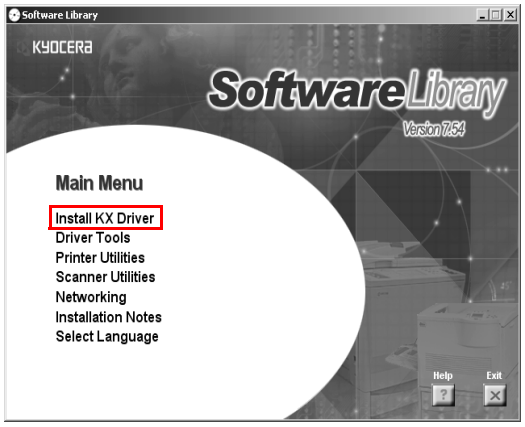


5 Click **Accept** to proceed to the **Main Menu** dialog box.

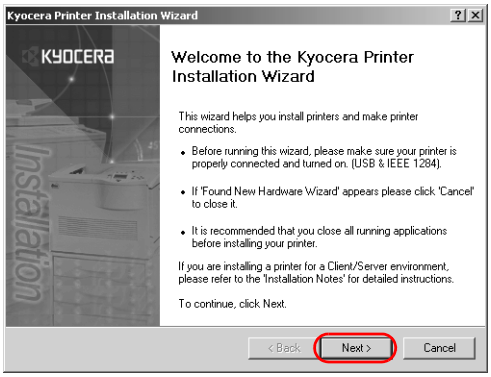
NOTE

If the installation program fails to launch after inserting the CD-ROM into the CD drive, navigate to Windows Explorer, access the CD-ROM, and double-click the ***Setup.exe*** *file.*

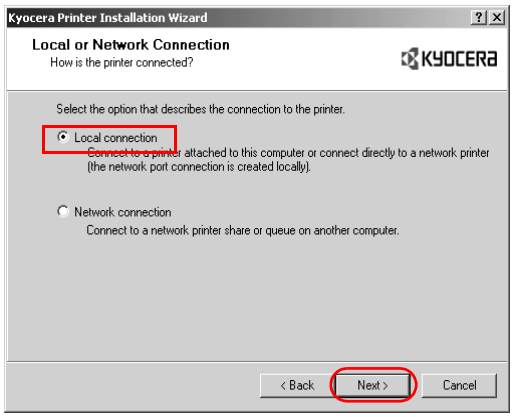
6 Click **Install KX Driver**.



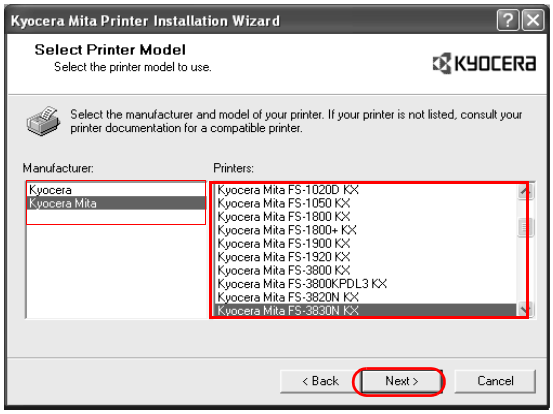
7 The **Welcome to the Kyocera Printer Installation Wizard** dialog box appears. Click **Next**.



8 The **Local or Network Connection** dialog box appears. Select **Local Connection** and click **Next**.

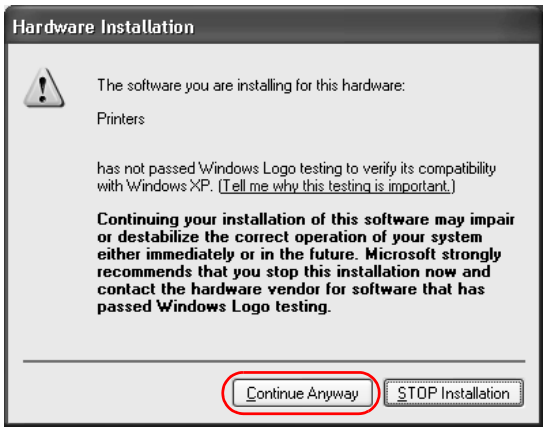


9 The **Select Printer Model** dialog box appears. From the list, select the **Manufacturer** and corresponding **Printers** you wish to connect, and click **Next**.

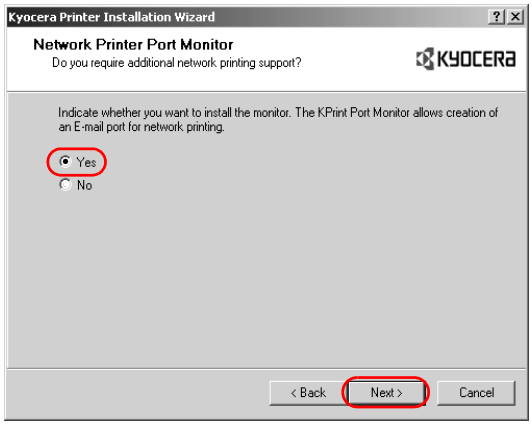


NOTE

- *If **Found New Hardware** dialog box appears, click* **Cancel**.
- *If the **Hardware Installation** warning dialog box appears, click **Continue Anyway**.*

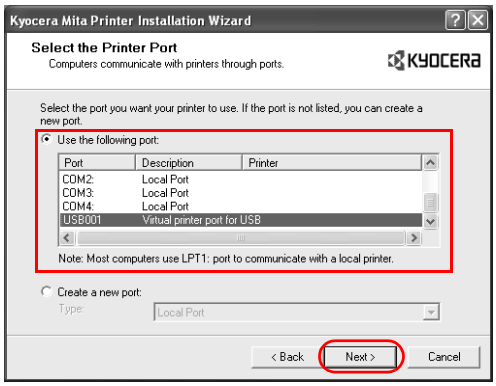


- If the **Network Printer Port Monitor** dialog box appears, select **Yes** and then click **Next**.

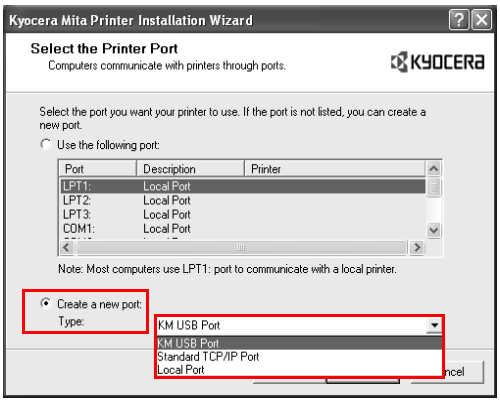


10 The **Select the Printer Port** dialog box appears. Select **USB port (for example, USB001 or KMUSB001)** from the listed ports, then click **Next** and proceed to step 14.

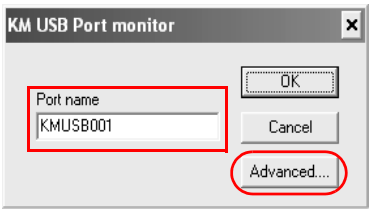
If there are no USB ports listed under **Use the following port**, proceed to step 11.



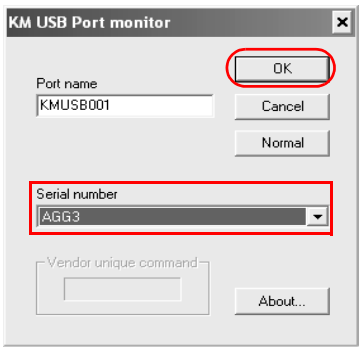
11 Select **KM USB Port:** from the **Create a new port type** list, then click **Next**.



12 The **KM USB Port monitor** dialog box appears. Confirm the Port name and click **Advanced...** .

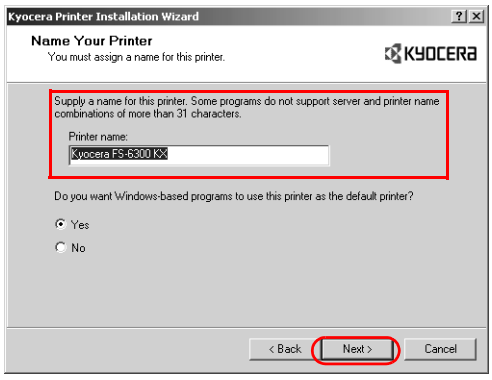


13 The **Serial number** list appears. Confirm the serial number and click **OK**.
If the **Serial number** list is blank, cancel the installation procedure. Turn off the printer and return to step 1.



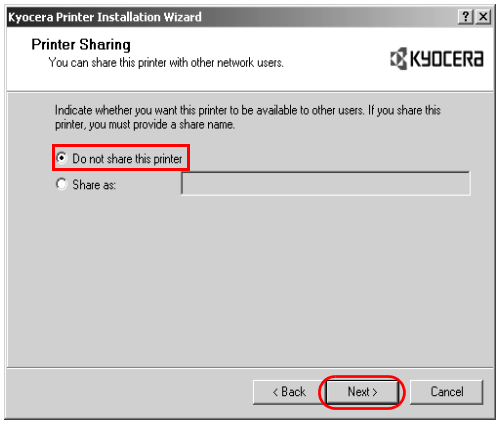
14 The **Name Your Printer** dialog box appears.

Select **Yes** or **No** to determine whether to use the printer as the default printer for Windows-based programs. Click **Next**.



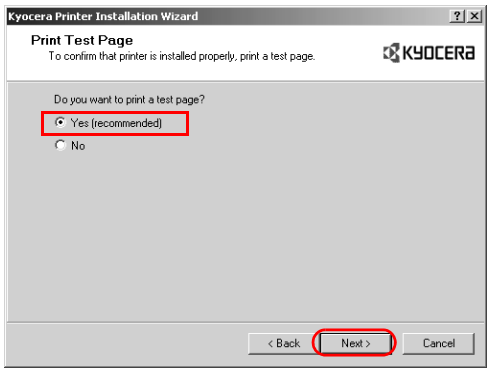
15 The **Printer Sharing** dialog box appears. Choose from one of the following options.

- Select **Do not share this printer** to limit the user access to this printer and click **Next**.
- Select **Share as** to share this printer and enter a share name. Click **Next**.

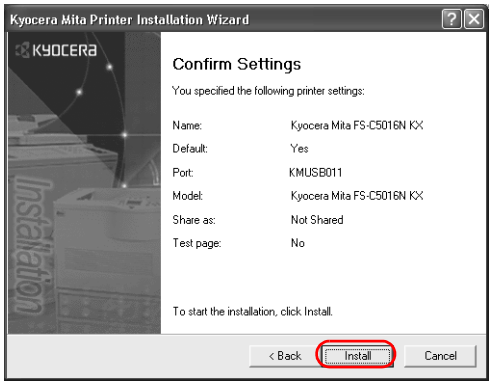


16 The **Print Test Page** dialog box appears. Choose from one of the following options.

- Select **Yes (recommended)** to print a test page to confirm the proper operation of your printer and click **Next**. If the test page does not print properly, click **Troubleshoot** to determine the problem.
- Select **No** if you do not wish to print a test page, and click **Next**.

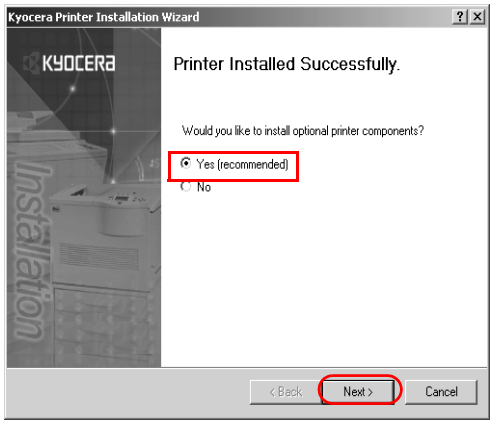


17 The **Confirm Settings** dialog box appears. Verify the printer settings and click **Install**. The printer driver installation begins.



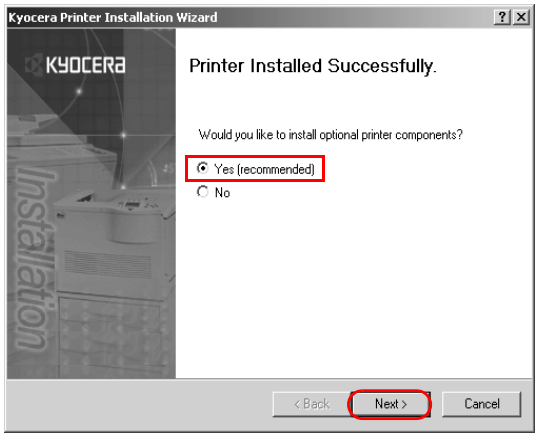
18 Once the installation is complete, the **Printer Installed Successfully** dialog box appears. Choose from one of the following options.

- Select **Yes (recommended)** to install optional components and click **Next**. Proceed to Installing Components on page 25.
- Select **No** if you do not wish to install optional components and click **Next**.



19 The **Printer Installed Successfully** dialog box appears. Choose from one of the following options.

- Select **Yes** and click **Next** to install additional printer drivers.
  The **New Printer Installation** dialog box appears.
- Select **No** to complete the installation and click **Finish**.



The installation of the printer is now complete. If prompted, restart your system.

Network Connection

This section describes how to install the printer driver when connecting to a network printer.

NOTE

*For further details on connections using other network protocols, consult the **configuration guide** supplied with your network interface card.*

NOTE

*The **KPrint** utility must be installed in order to connect to a network printer. For further details, refer to the supplied **Kyocera Software Library CD-ROM**.*

To install using a Network Connection:

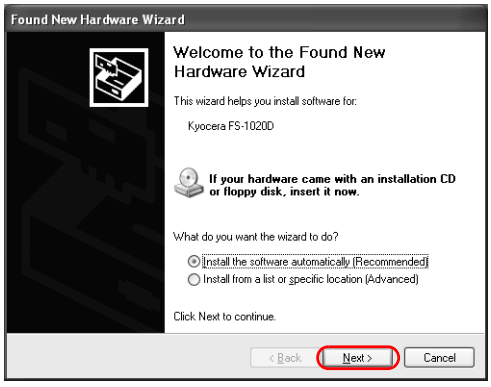
1 Ensure the computer and printer are turned off.

2 Connect to the computer and printer using a network cable. Once connected, turn on both devices.

NOTE

- *Ensure the printer is ready to print (remove packing materials, insert paper and any toner or ink cartridges) before connecting the cable.*
- *For further details on connecting using a parallel cable, refer to the printer's Operation Guide.*

- If the **Welcome to the Found New Hardware Wizard** dialog box displays, click **Cancel**.



3 Insert the Kyocera Software Library CD-ROM into the CD drive.
Once the installation program launches, the **License Agreement** dialog box displays.

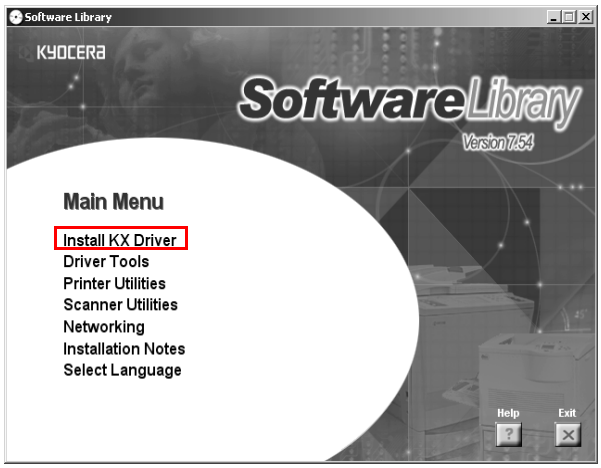
NOTE

*If the installation program fails to launch after inserting the CD-ROM into the CD drive, navigate to Windows Explorer, access the CD-ROM, and double-click the **Setup.exe** file.*

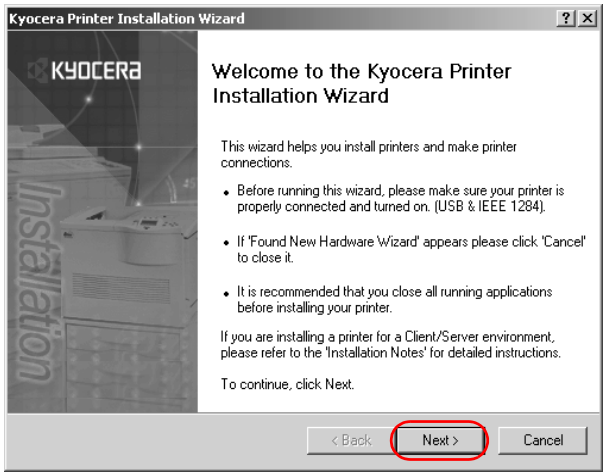
4 Click **View License Agreement** to display and read the License Agreement.

5 Click **Accept** to proceed to the **Main Menu** dialog box.

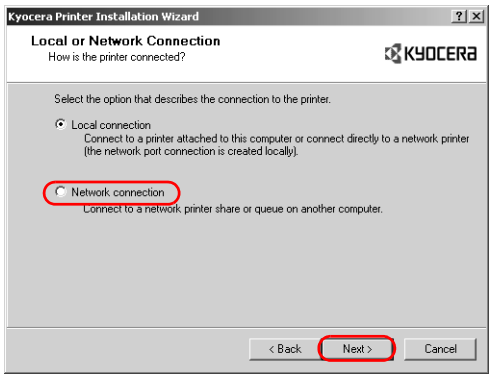
6 Click **Install KX Driver.**



7 The **Welcome to the Kyocera Printer Installation Wizard** dialog box appears. Click **Next.**

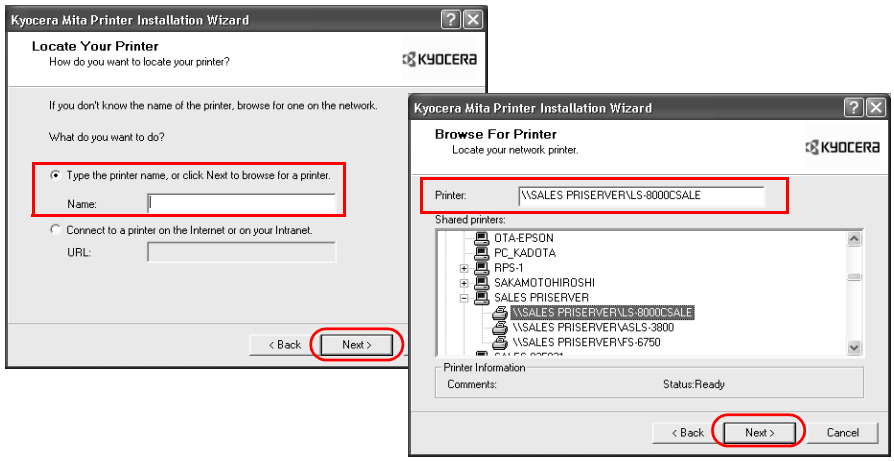


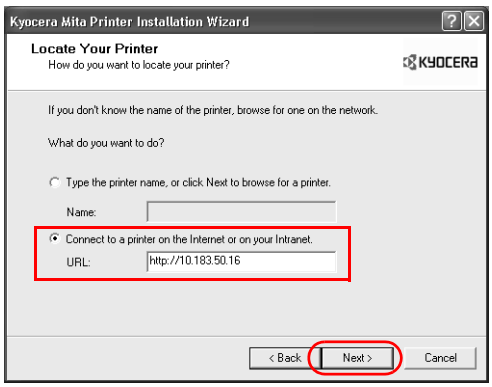
8 The **Local or Network Connection** dialog box appears. Select **Network Connection** and click **Next**.



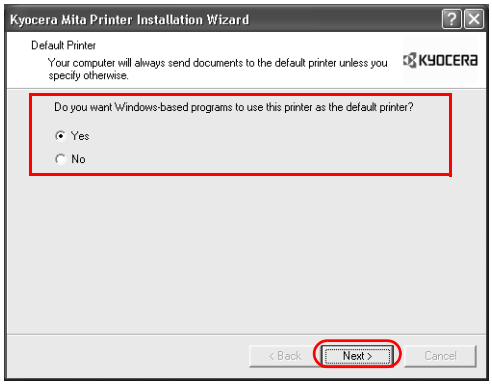
9 The **Locate Your Printer** dialog box appears. Select one of the following search methods:

- **Type the printer name...**: Leave the printer name blank and click **Next**. All printers available on network servers appear.
  If you have directly typed in the print server name, click **Next**.
- **Connect to a printer on the Internet or...**: Search by URL for printers that operate with the Internet print protocol.
  Find and select the printer URL and click **Next**.

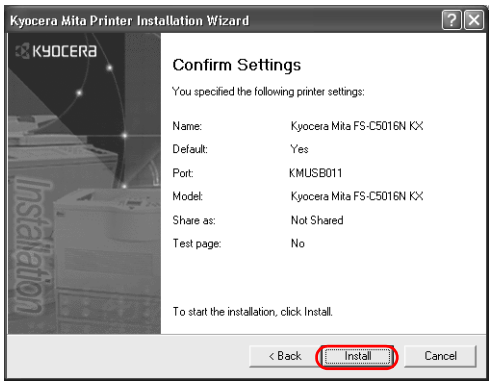




10 The **Default Printer** dialog box appears. Select **Yes** or **No** to determine whether to apply the selected printer as the default printer for all Windows-based applications.

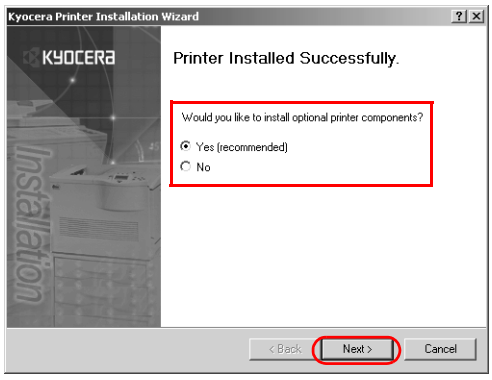


11 The **Confirm Settings** dialog box appears. Verify the printer settings and click **Install**. The printer driver installation begins.



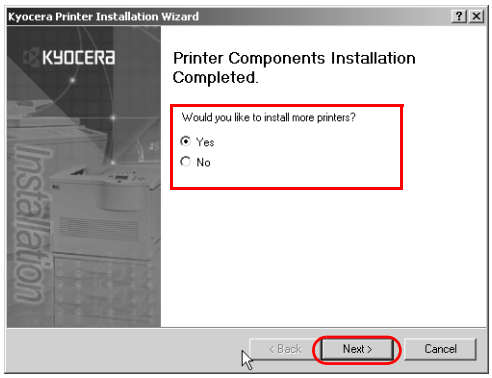
12 Once the installation is complete, the **Printer Installed Successfully** dialog box appears.

- Select **Yes (recommended)** to install optional components and click **Next**. Proceed to Installing Components on page 25.
- Select **No** if you do not wish to install optional components and click **Next**.



13 The **Printer Installed Successfully** dialog box displays. Choose from one of the following options.

- Select **Yes** to install additional printers and then click **Next**. The **New Printer Installation** dialog box appears.
- Select **No** to complete the installation, and click **Finish**.



The installation of the printer is now complete. If prompted, restart your system.

LPR Connection

When the printer has a built-in network interface, you can print over a network using an LPR port. This section describes how to install the printer driver when the computer and printer are connected using a LPR port connection.

To install using an LPR Port Connection:

1 Ensure both the computer and printer are turned off.

2 Connect to the computer and printer using a network cable. Once connected, power on both devices.

NOTE

- *Ensure the printer is ready to print (remove packing materials, insert paper and any toner or ink cartridges) before connecting the cable.*
- *For further details on connecting using a network cable, refer to the printer's Operation Guide.*
- *If the **Welcome to the Found New Hardware Wizard** dialog box appears, click* **Cancel**.

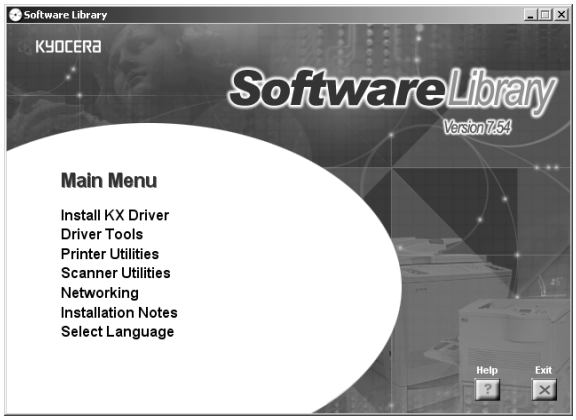
3 Insert the Kyocera Software Library CD-ROM into the CD drive.

4 Once the installation program launches, the **License Agreement** dialog box displays. Click **View License Agreement** to display and read the License Agreement.

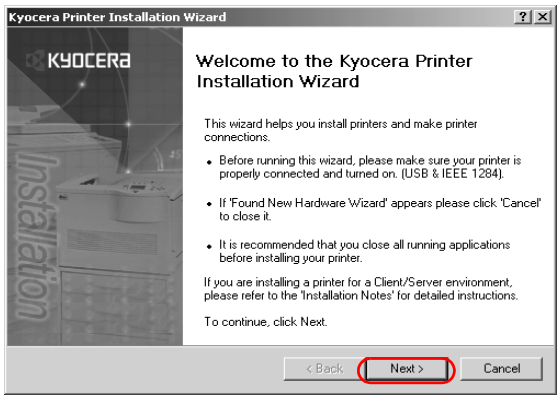
5 Click **Accept** to proceed to the **Main Menu** dialog box.

NOTE *If the installation program fails to launch after inserting the CD-ROM into the CD drive, navigate to Windows Explorer, access the CD-ROM, and double-click the* ***Setup.exe*** *file.*

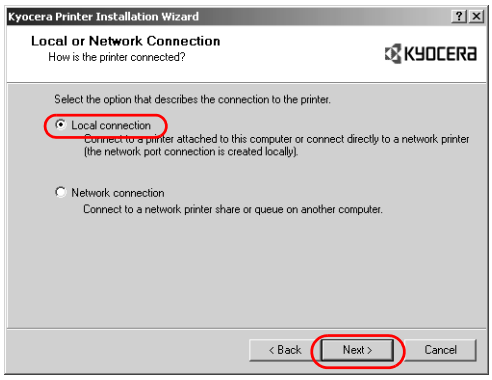
6 Click **Install KX Driver**.



7 The **Welcome to the Kyocera Printer Installation Wizard** dialog box appears. Click **Next**.



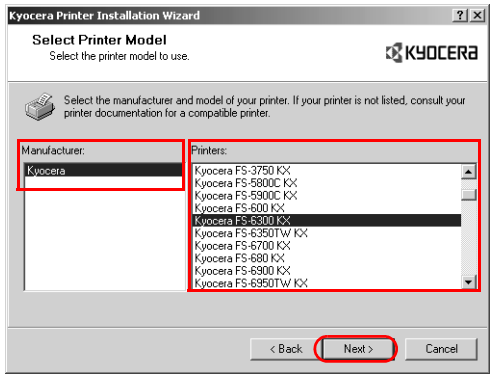
8 The **Local or Network Connection** dialog box appears. Select **Local Connection** and click **Next**.



NOTE

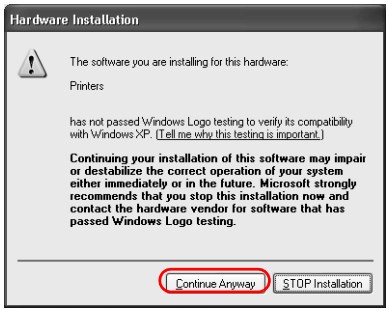
For further details on connecting a network printing environment, refer to the IB-21E/IB-22 User's Manual on the CD-ROM supplied with your printer.

9 The **Select Printer Model** dialog box appears. From the list, select the **Manufacturer** and corresponding **Printers** you wish to connect, and click **Next**.

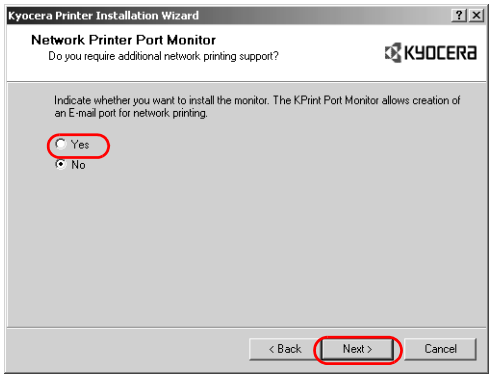


NOTE

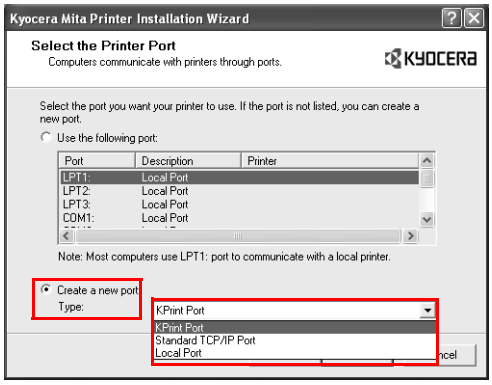
- *If **Found New Hardware** dialog box appears, click **Cancel**.*
- *If the **Hardware Installation** warning dialog box appears, click **Continue Anyway**.*



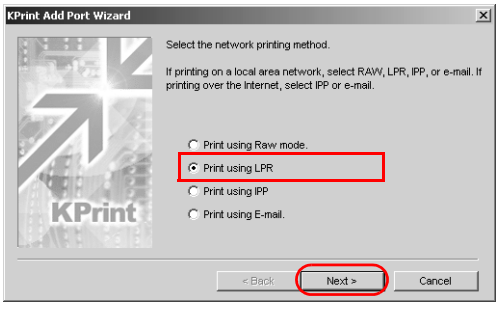
- If the **Network Printer Port Monitor** dialog box appears, select **Yes** and click **Next**.



10 The **Select the Printer Port** dialog box appears. Select **KPrint Port:** from the **Create a new port: Type** list, and then click **Next**.



11 The **KPrint Add Port Wizard** dialog box appears. Select **Print using LPR (Line Printer Remote)** and click **Next**.

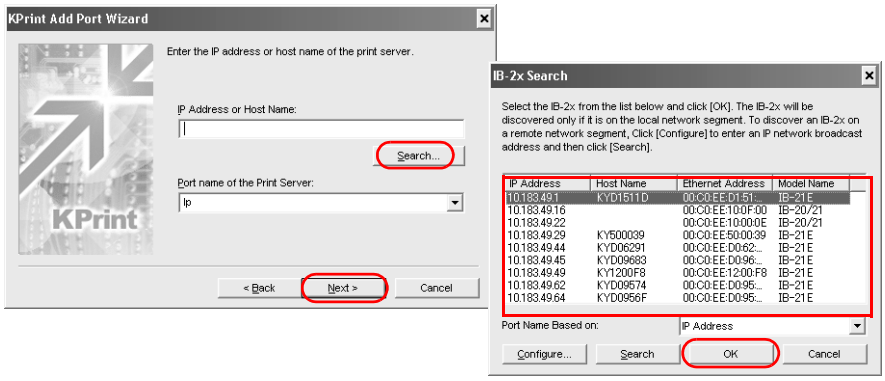


NOTE

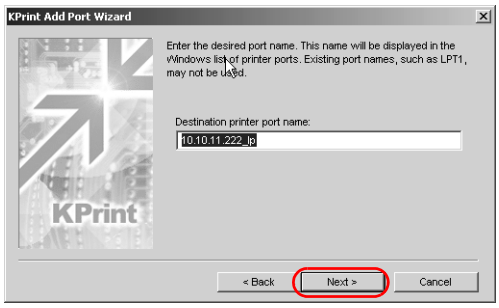
*If the **KPrint** utility is installed, the following procedure may differ.*

12 In the **Enter the IP address or host name of the print server** dialog box, enter the **IP Address or Host Name** and click **Next**.

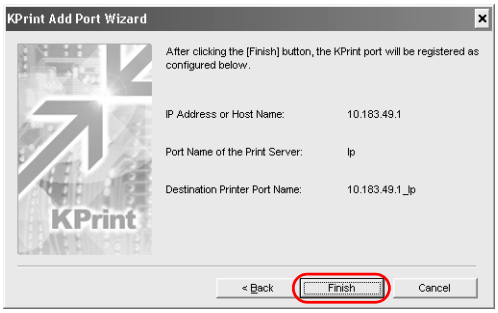
- Click **Search...** if the IP Address or Host Name is not known. A list of available network printers displays. Select the network printer, then click **OK**. Click **Next to continue**.



13 Confirm the destination printer port name and click **Next**.

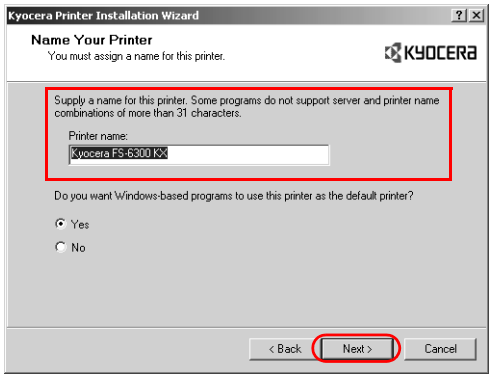


14 Confirm the settings, and click **Finish**.



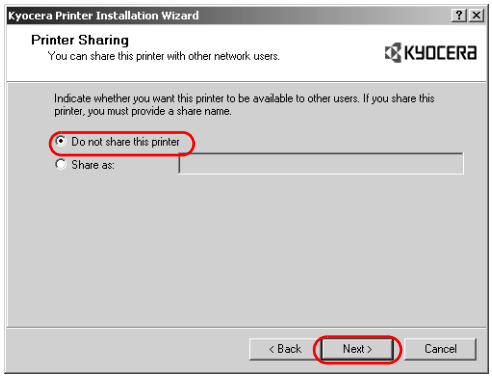
15 The **Name Your Printer** dialog box appears.

Select **Yes** or **No** to determine whether to use the printer as the default printer for Windows-based programs. Click **Next**.



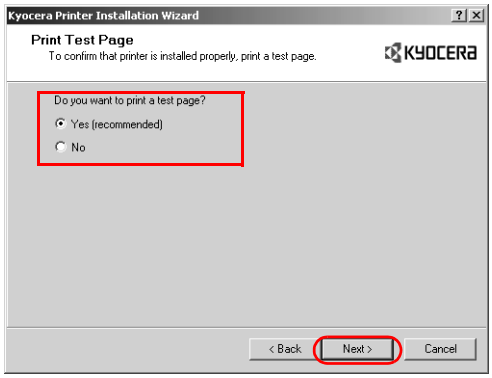
16 The **Printer Sharing** dialog box appears. Choose from one of the following options.

- Select **Do not share this printer** to prevent other users from accessing this printer and click **Next**.
- Select **Share as** to share this printer and enter a share name. Click **Next**.

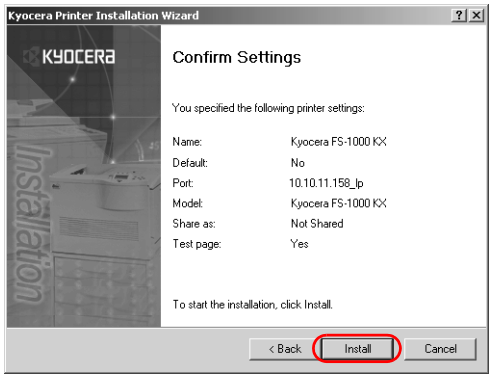


17 The **Print Test Page** dialog box appears. Choose from one of the following options.

- Select **Yes (recommended)** to print a test page to confirm the proper operation of your printer and click **Next**. If the test page does not print properly, click **Troubleshoot** to determine the problem.
- Select **No** if you do not wish to print a test page, and click **Next**.

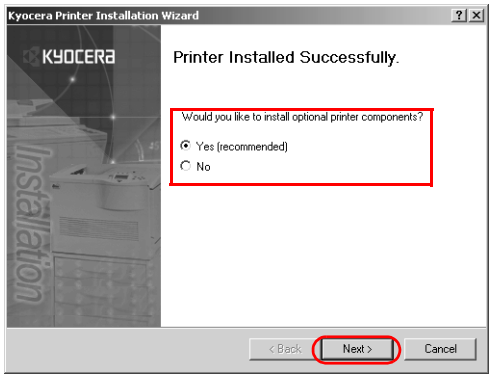


18 The **Confirm Settings** dialog box appears. Verify the printer settings and click **Install**. The printer driver installation begins.



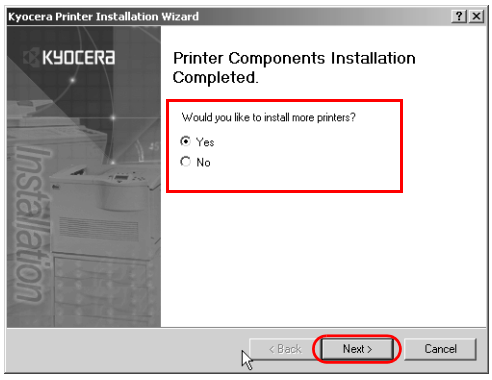
19 Once the installation is complete, the **Printer Installed Successfully** dialog box appears.

- Select **Yes (recommended)** to install optional components and click **Next**. Proceed to Installing Components on page 25.
- Select **No** if you do not wish to install optional components and click **Next**.



20 The **Printer Installed Successfully** dialog box. Choose from one of the following options.

- Select **Yes** and click **Next** to install additional printer drivers.
  The **New Printer Installation** dialog box appears.
- Select **No** to complete the installation and click **Finish**.



The installation of the printer is now complete. If prompted, restart your system.

Installing Components

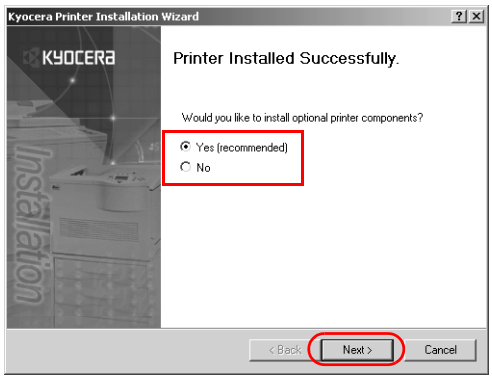
You can expand the functions of your printer driver by installing components that compliment the ways in which you utilize your printer. For more information on profiles, refer to Saving Profiles on page 125.

NOTE

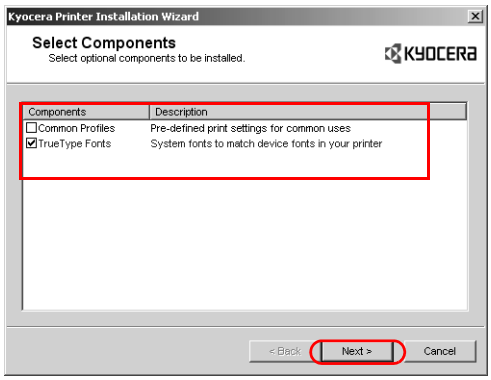
The displayed components may vary based on the printer model.

To install Printer Components:

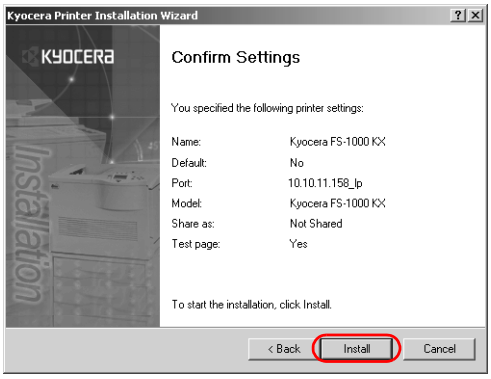
1 Once the installation is complete, the **Printer Installed Successfully** dialog box appears. Select **Yes (recommended)** and click **Next**.



2 The **Select Components** dialog box appears. Select the check box of the components you wish to install, and click **Next**. Follow the instructions in the dialog box to proceed.

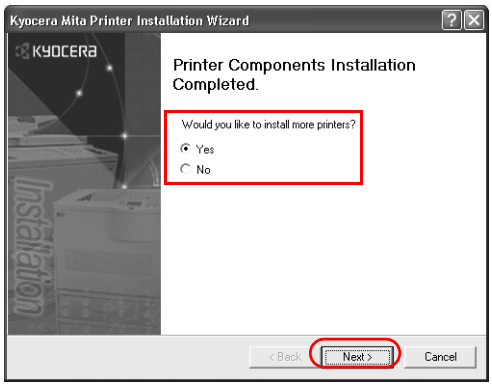


- The **Confirm Settings** dialog box appears. Verify the **selected component items**, and click **Install**.



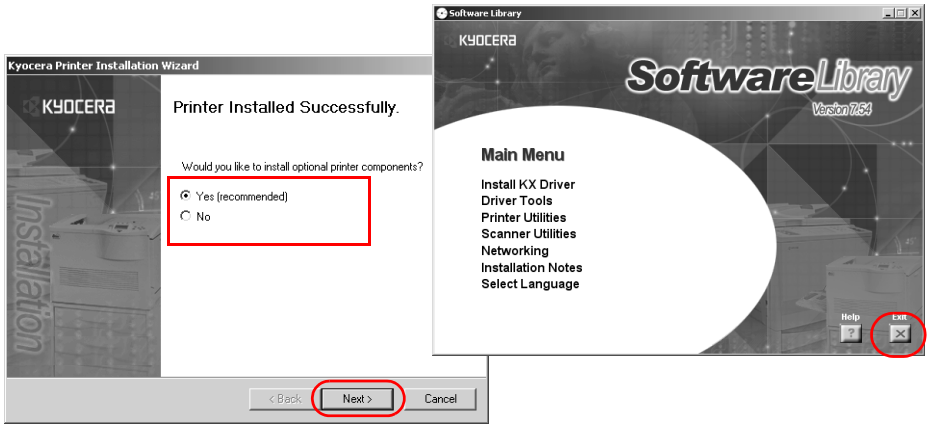
3 The **Printer Components Installation Completed** dialog box appears. Choose from one of the following options.

- Select **No** to complete the installation, and click **Finish**.
- Select **Yes** to install additional printer drivers, and then click **Next**.



Refer to the **Local and Network Connection** dialog box shown in the previous section, to prepare for the installation of an additional printer driver.

4 Continue the installation as describe above.Click **Exit** to complete the installation.



The installation of the printer driver is now complete**.** If prompted, restart your system**.**

Installing the Latest Printer Driver

The latest Kyocera printer driver can be obtained from http://www.kyoceramita.com/download/, and can be installed using the Windows **Add Printer Wizard**.

To install using the Add Printer Wizard

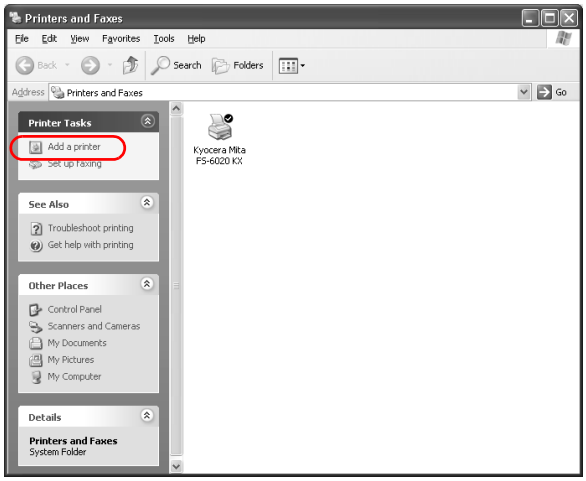
This section describes how to install a printer driver using the **Add Printer** Wizard.

1 Click **Start in the Windows taskbar**, and click **Printers and Faxes** to open the **Printers and Faxes** window.

NOTE

Windows 95/98/2000: *Click* ***Start*** *in the Windows taskbar, click* ***Settings-Printers*** *in sequence to open the* ***Printer*** *dialog box.*

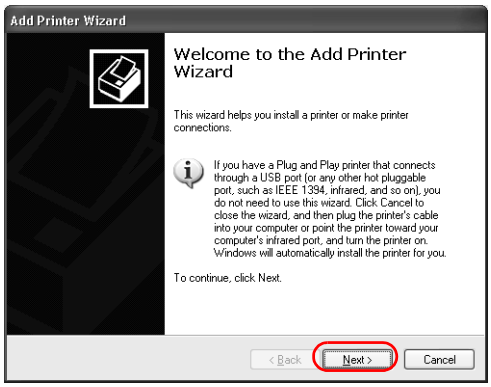
2 Click **Add a printer** in the **Printer Tasks** area on the left. The **Add Printer Wizard** dialog box appears.



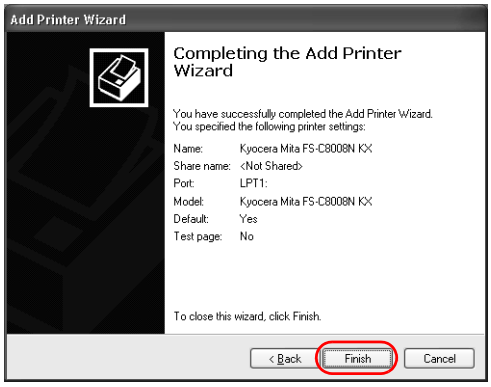
NOTE

*The wizard can also be launched by clicking **Add a printer** in the **File** menu.*

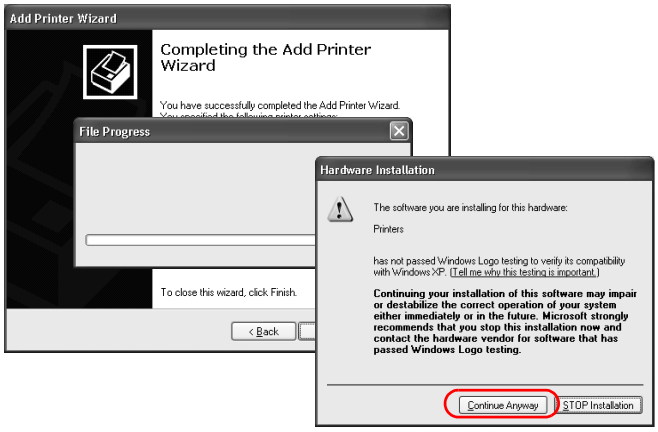
3 The **Welcome to the Add Printer Wizard** dialog box appears. Click **Next** and follow the instructions.



4 When the **Completing the Add Printer Wizard** dialog box appears, click **Finish**.



5 The **Hardware Installation** dialog box appears and the Hardware Installation warning message may display. If the warning message appears, click **Continue Anyway**.



Installation of the printer driver is now complete. If prompted, restart your system.

Chapter 2 Printer Properties

This section explains how to customize the installed printer driver settings including:

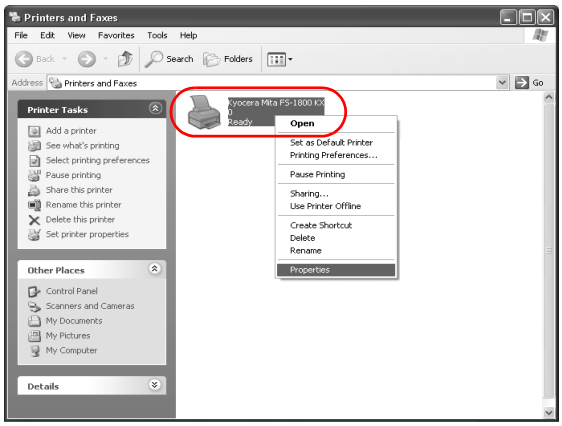
- Accessing Printer Properties
- Installing Optional Devices
- User Settings
- Page Description Language (PDL) Settings
- Administrator Settings
- Compatibility Settings

Follow the steps below to set your preferred options as the default settings.These printer settings can be changed temporarily when printing from within other Windows-based applications.

Accessing Printer Properties

1 Click **Start** in the Windows taskbar, and click **Printers and Faxes.** The **Printers and Faxes** window appears.
Windows 95/98/Me/2000: Open the **Start** menu, and click **Settings** and **Printers** in sequence to display the **Print** window.

2 Right-click on the printer icon in the **Printers and Faxes** window. A list appears.



3 Click **Properties** in the list. **Properties** dialog box **appears.**

Installing Optional Devices

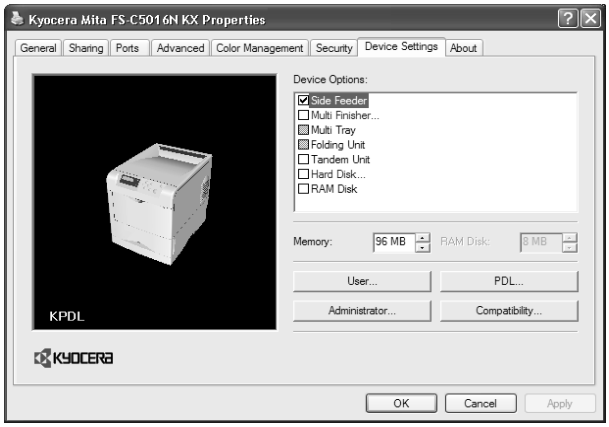
If you use optional devices such as a paper feeder, finisher or an additional hard disk, specify the device on the Device Settings tab of the device properties. You can also specify the memory setting, PDL (Page Description Language) settings for the user, administrator settings for front panel messages, passwords, and more.

NOTE

The printer pictured in the Printer Properties dialog box and the list of Device Options will vary depending on the printer you have.

To install optional devices:

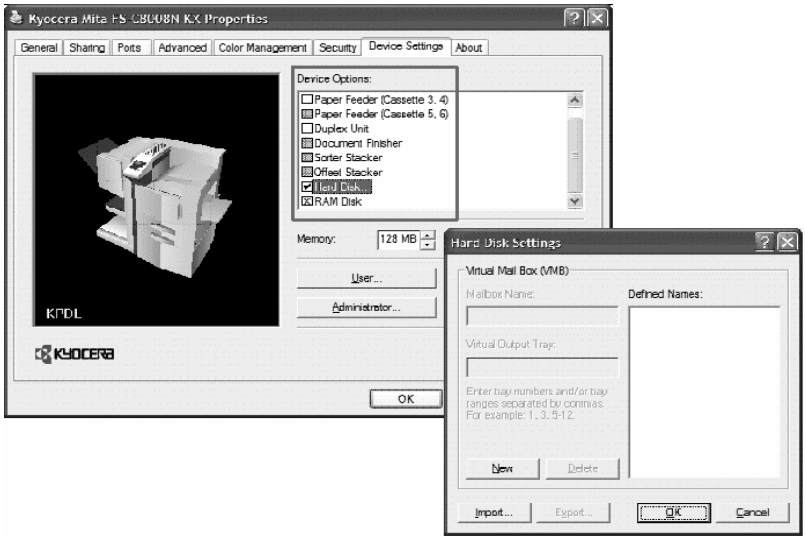
1. Click the **Device Settings** tab.
2. In the **Device Options of the Device Settings tab**, select the check boxes for any optional devices installed in your printer.



NOTE

Some optional devices cannot be installed simultaneously. For example, a finisher and a booklet stitcher. After you have selected a device, other devices will be marked with a red X, preventing the selection of conflicting optional devices.

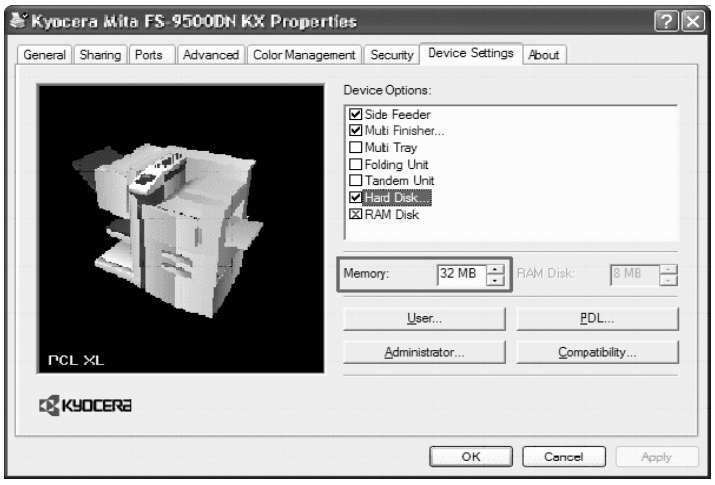
3 Select the check box of an optional device shown in blue, (such as the **Finisher** options), and a sub-dialog box appears with additional setting details.



NOTE

- *Double-click the option to open the sub-dialog box if a device listing is already enabled.*
- *The **Hard Disk Settings** dialog box appears if you select the **Hard Disk** option, enabling the configuration of virtual mailbox settings. For further details, see Assigning Virtual Mailboxes on page 32.*

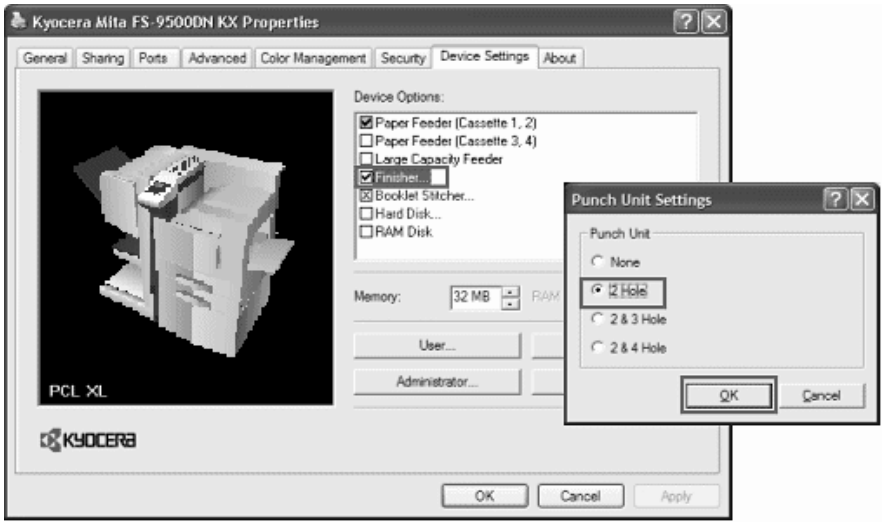
4 In the **Memory** box, select the memory capacity of your printer. This setting is required to optimize the downloading of printer fonts.



Punch Settings

Select the check box for the finishing device the **Device Options** list, such as Finisher or Multi-Finisher. The **Punch Unit Setting** dialog box appears. Double-click the option to display the **Punch Unit Setting** dialog box if the device listing is already enabled.

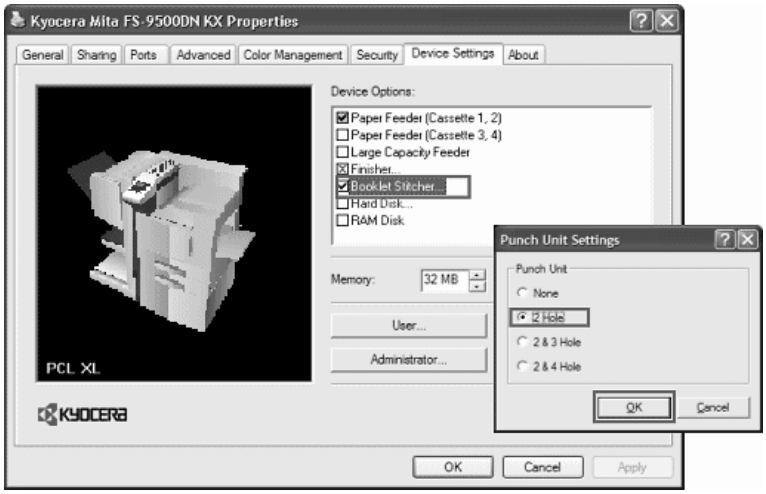
Select **2 Hole**, **2 & 3 Hole**, or **2 & 4 Hole** punch option depending on the optional Punch Unit attached to your finisher to enable hole punching.



Booklet Stitcher Punch Settings

The Booklet Stitcher feature allows you to set the number of holes punched in each printed page. If you enable the **Booklet Stitcher** check box in the **Device Options** list, the **Punch Unit Setting** dialog box appears. If the device listing is already enabled, double-click on it to display the **Punch Unit Setting** dialog box.

Select the 2 Hole, 2 & 3 Hole, or 4 Hole option depending on the optional punch unit of your finisher to enable punching of the pages you print.



Assigning Virtual Mailboxes

If you enable the **Hard Disk** check box, the **Hard Disk Settings** dialog box appears and virtual mailboxes can be created. For further details, refer to Virtual Mailbox on page 113

The following functions can be used if a hard disk is installed:

- *Quick Copy*
- *Proof and Hold*
- *Private Print*
- *Job Storage*
- *Temporary Storage*
- *Permanent Storage*

RAM Disk Settings

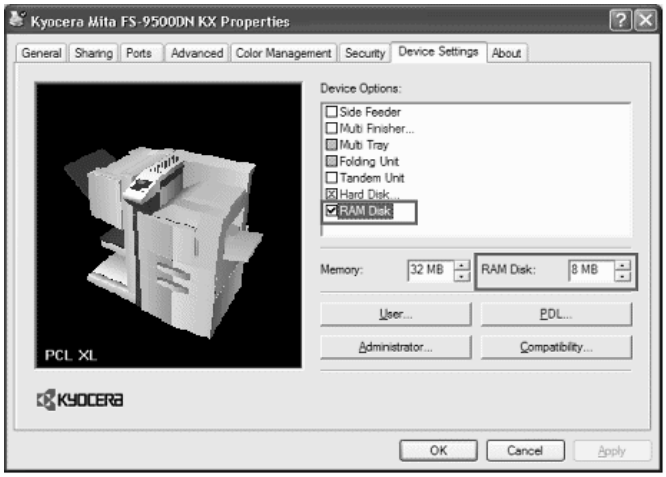
The RAM Disk functions as a hard disk saving print requests into the printer's memory if a hard disk for printing is not installed. When a hard disk is installed, the RAM Disk function is inactive.

NOTE

- *Since the RAM Disk is volatile memory, all data sent to the printer is lost if the power is turned off.*
- *The size of the RAM Disk is specified in settings on the printer operator panel. For further details, consult the printer's Operation Guide.*

To change RAM Disk setting:

1 In the **Device Options** list, enable the **RAM Disk** check box. The memory capacity can be adjusted in the **RAM Disk** box.



2 Specify the **RAM Disk** size. The maximum RAM Disk capacity may vary depending on your printer model and installed memory.

NOTE

*In the example of the FS-9500 shown above, if the memory corresponds to 32MB minus 8 MB, the maximum available capacity for the RAM Disk is 8 MB. The value in the **RAM Disk** box will not exceed 8 MB. For further details, consult the printer's Operation Guide.*

User Settings

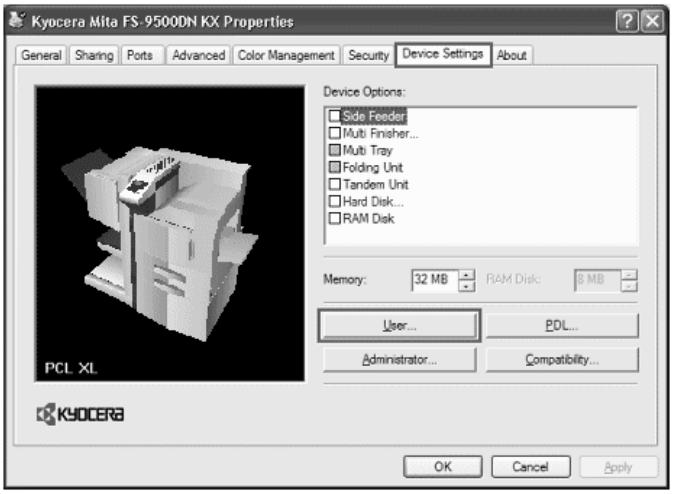
The following user information can be configured by clicking **User...** on the **Device Settings** tab.

- Identification
- Unit of Measurement
- Language Preference Selection
- Simplified User Interface (printer FS-1018 only)

Identification

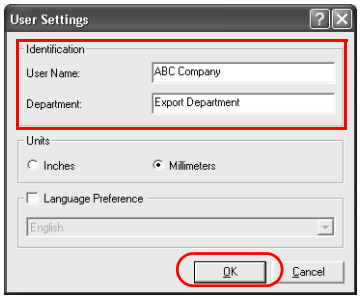
You can display the user information for the current print job on the printer operator panel. For further details, refer to Job Name Display on page 39.

1 On the **Device Settings** tab, click **User...** .



2 The **User Settings** dialog box appears. In the **User Name** and **Department** fields, enter up to 31 characters.

- Enter the preferred name in **User Name** field.
- Enter the group to which the user belongs in the **Department** field.

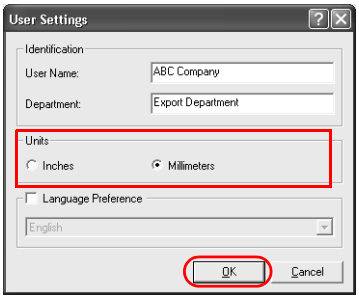


Unit of Measurement

The unit of measurement that you select here will be used in the following locations:

- Custom Paper Sizes setting in the Custom section on the Media tab
- Separation setting in the Position section on the Watermark tab
- Advanced Layout Settings on the Layout tab

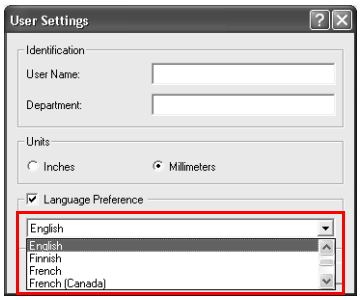
In the **User Settings** dialog box choose from inches or millimeters.



Language Preference Selection

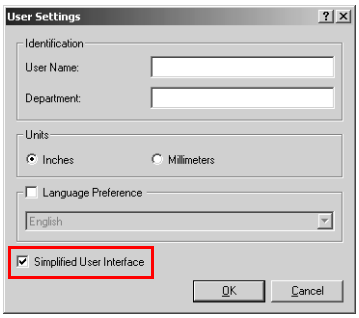
The Language Preference option specifies the language of the driver tabs excluding General, Sharing, Ports, Advanced, Color Management, and Security.

Select the **Language Preference** check box and select the preferred language from the **Language Preferences** list. To activate the new language, click **OK** in the User Settings and Properties dialog box.

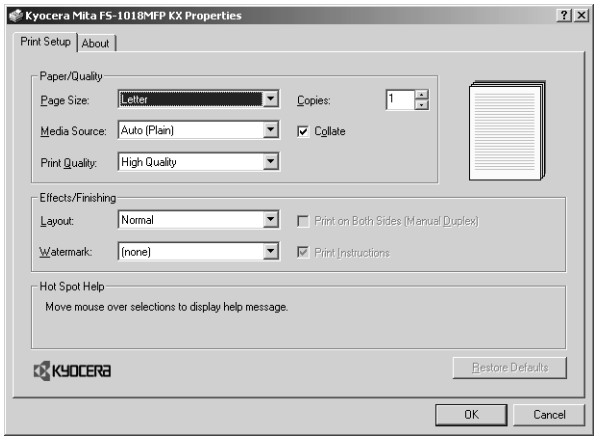


Simplified User Interface

For printer FS-1018 only, the user has the option of selecting a simplified user interface for Printer Properties.



When this option is checked, Printer Properties appears in a simplified version when accessed from the Print dialog box of an application. The simplified user interface is shown below.

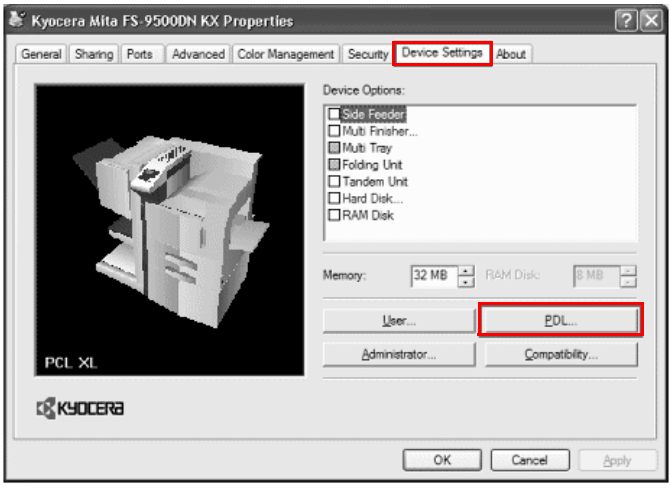


Page Description Language (PDL) Settings

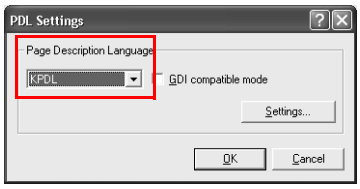
You have the option to change the Page Description Language (PDL) by clicking **PDL** on the **Device Settings** tab. Depending on your printer model, available PDLs may vary. You can choose from **PCL (Printer Control Language) XL**, **PCL 5e**, **PCL 5c**, or **KPDL**. We recommend **PCL XL**. If you select one of the PDLs options, the selection appears in the lower corner of the 3-D image.

If you receive a PDL printing error, select a different PDL and try again.

1 On the **Device Settings** tab, click **PDL... .**



2 The **PDL Settings** dialog box appears. Select select the desired languatge from the **Page Description Language** list. Refer to the table below for options and descriptions.



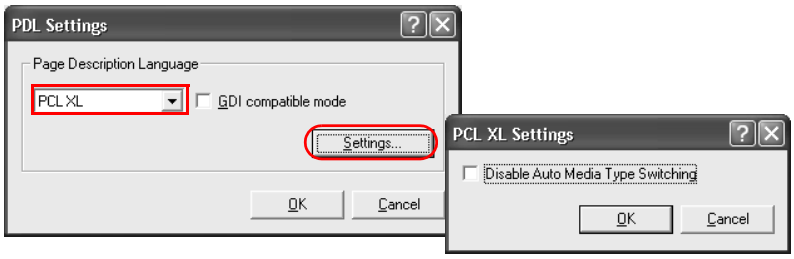
Options	Descriptions
PCL XL (monochrome and color printers)	The most recent version of HP PCL and PCL 6. This PDL includes PCL 5e features.
PCL 5c (color printers)	Specifies HP PCL 5c as the PDL.
PCL 5e (monochrome printers)	Specifies HP PCL 5e as the PDL.
KPDL (color and monochrome printers)	Specifies KPDL, which is compatible with the Adobe PostScript 3 language, as the PDL. KPDL is used when printing from applications that support PostScript 2 or 3. An optional KPDL upgrade kit may be required for some models. The **GDI compatible mode** can also be used.

NOTE

- *In **GDI compatible mode**, vector graphics are rasterized for printing as bitmap images. Use the **GDI compatible mode** option to improve the graphic output quality created by the application.*
- *Due to memory restrictions, this feature is not available in certain printing environments.*

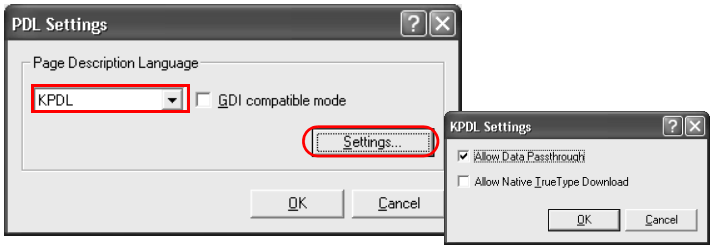
3 **Settings...** is available when the PDL is set to KPDL, and when PCL XL is selected on some models.

PCL XL



Option	Description
Disable Auto Media Type Switching	Disables the **Media Type** settings on the **Media** tab.

KPDL



Options	Descriptions
Allow Data Passthrough	Reduces errors when printing complex jobs from applications that use the PostScript format.
Allow Native TrueType Download	Improves the print quality and speed when using TrueType fonts.

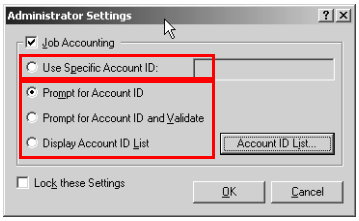
Administrator Settings

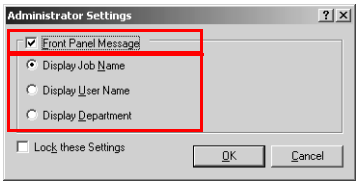
The following settings can be specified by clicking **Administrator...** on the **Device Settings** tab. We recommend that the Administrator Settings should only be changed by the system administrator or authorized personnel.

- Job Accounting
- Job Name Display
- Setting the Administrator Password

4 To change the Administrator Password:

NOTE *The **Administrator Settings** dialog box appearance and options will vary depending on your printer. The range of settings is shown on the two versions of the **Administrator Settings** dialog box shown below.*





Job Accounting

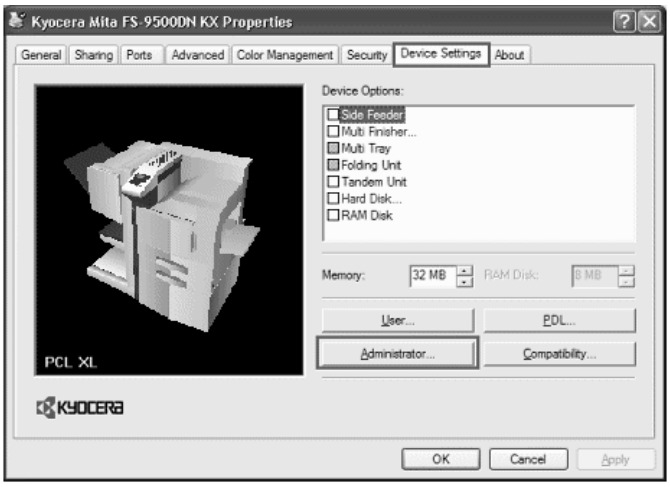
Job Accounting settings are specified by the system administrator to implement an accounting system for assessing charges or other budgetary applications. The accounting system can help manage or restrict the printing volume by department. For further details, contact your system administrator or authorized personnel.

NOTE *For further details, refer to Job Accounting in the Operation Manual on the supplied CD-ROM. This function is available on FS-6020 and later printer models.*

Job Name Display

You can specify settings to display the job name, user name, or department for the current job on the printer's operator panel."

1 On the **Device Settings** tab, click **Administrator... .**



2 The **Administrator Settings** dialog box appears.
Select the **Front Panel Message** check box. Select the following options to display during a print job:

Options	Description
Display Job Name	Displays the job name during printing. The job name is the name sent from the application to the printer driver or it can be selected in the Job Settings dialog box before printing.
Display User Name	Displays the user name during printing. The user name is the information entered according to the instructions in Identification on page 34.
Display Department	Displays the user group during printing. The group name is the information entered according to the instructions in Identification on page 34.

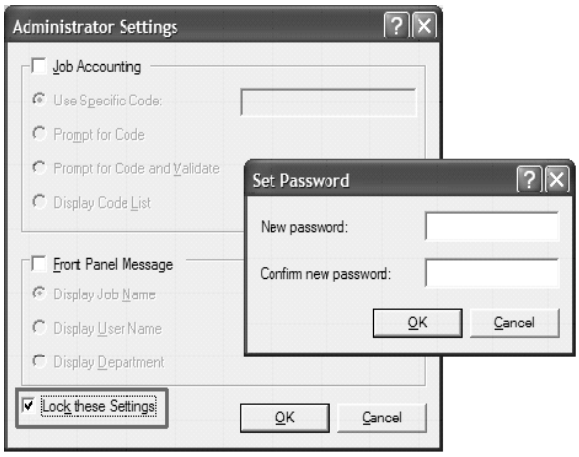
3 Click **OK**.

Setting the Administrator Password

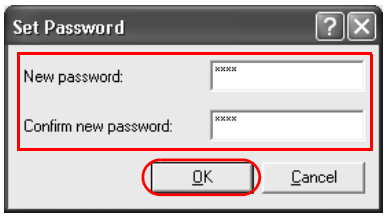
By setting a password, you can protect and restrict the settings made in the **Administrator Settings** dialog box.

To set the Administrator password:

1 Select the **Lock these Settings** check box to access the **Set Password** dialog box.



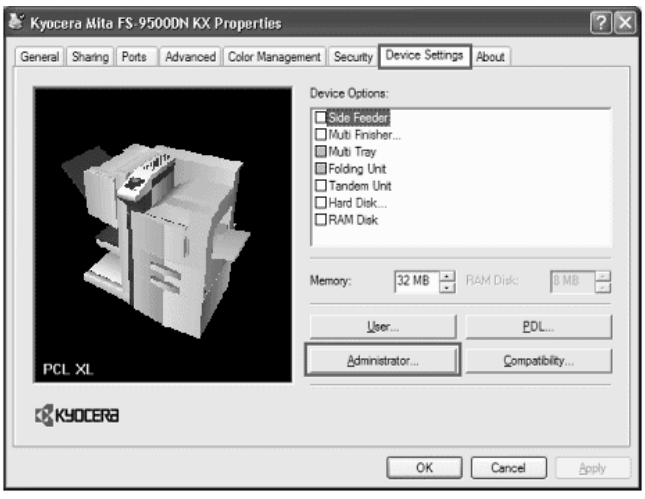
2 In the **Set Password** dialog box, enter the new password in the **New password** field. Re-enter the password in the **Confirm new password** field and click **OK**.



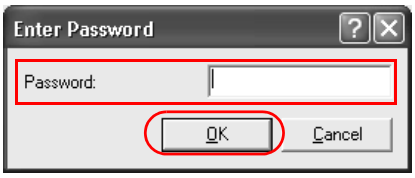
NOTE *The password must be between 4 to 16 characters.*

To change the Administrator Password:

1 On the **Device Settings** tab, click **Administrator... .**

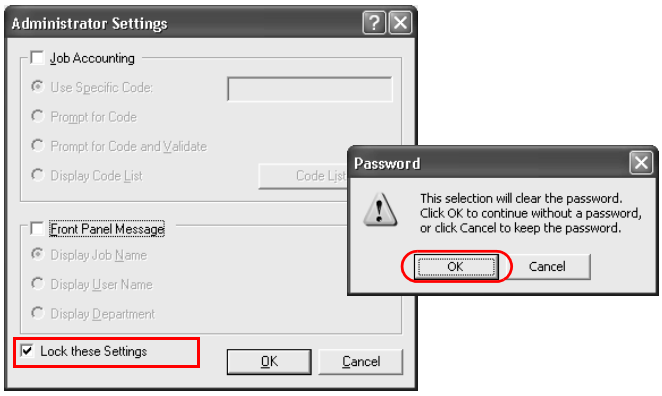


2 The **Enter Password** dialog box appears. Enter the password and click **OK**.



3 The **Administrator Settings** dialog box appears. Clear the **Lock these Settings** check box. A **Password** message appears.

4 Click **OK**.



Refer to Setting the Administrator Password on page 39 to enter a new password.

Compatibility Settings

This feature allows you to change values for media sources, such as cassettes or the Multi-Purpose Feeder, so that the Kyocera Extended Driver is compatible with previous drivers of other manufacturers or older Kyocera printers. This alignment of old and new media sources allows all macros created under previous drivers to maintain compatibility under the new Kyocera Extended Driver.

You can use the Driver Info utility, available on the Kyocera Software Library CD, to compare the source values for all installed drivers. If the values for a given media source differ, reassign the value in the new driver to match the value in the previous driver.

Compatibility settings can be adjusted by clicking **Compatibility...** on the **Device Settings** tab.

Compatibility settings are specified when:

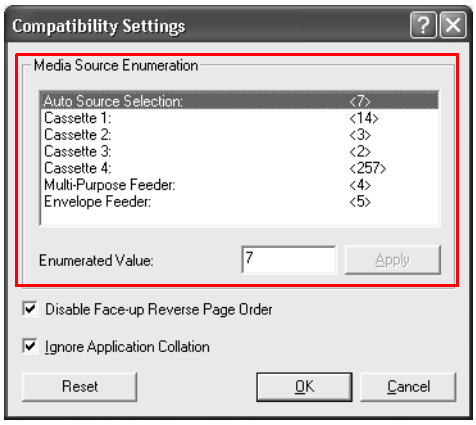
- printing from applications that save paper source information within documents
- the paper source settings are specified by your system environment.

Changing the device settings may result in printing errors. For further details on changing these settings, contact your nearest Kyocera dealer.

Setting the Device Compatibility

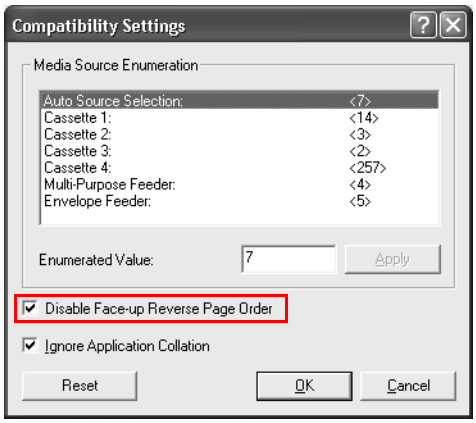
1 On the **Device Settings** tab, click **Compatibility... .**

2 The **Compatibility Settings** dialog box appears. From the list in the **Media Source Enumeration** area, select the paper supply method.
The current value is listed in the **Enumerated Value** box.

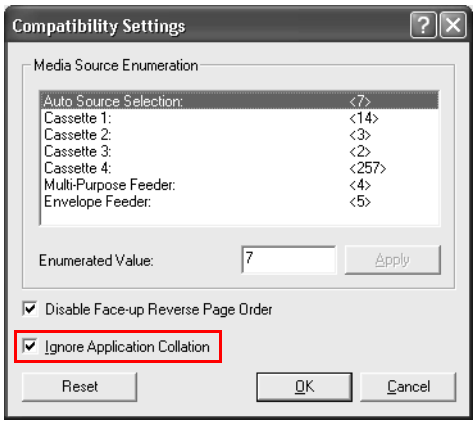


3 Enter the new value for the Enumerated Value and click **Apply**. You can also restore all the parameters to the default by clicking **Reset**.

4 Select the **Disable Face-up Reverse Page Order** check box to prevent **Reverse Order Printing** when output is face up.



5 Select the **Ignore Application Collation** check box to bypass the **Collate** setting in the application, and give priority to the printer driver setting.



NOTE *Click **Printing Preferences** on the **General** tab in the **Properties** dialog box to access collated printing options.*

Auto Configuration

The Auto Configuration Tool lets users automatically configure the physical device settings of a printer through the Device Settings properties page if they are connected to the printer over a network.

Auto Configure can detect printer devices such as input devices, output devices, RAM disk size, and hard disk size. Then it updates the Device Options list on the Device Settings properties page. Auto Configure keeps the printer driver's Device settings consistent with the actual printer devices.

Auto Configure currently supports these ports for Windows operating systems:

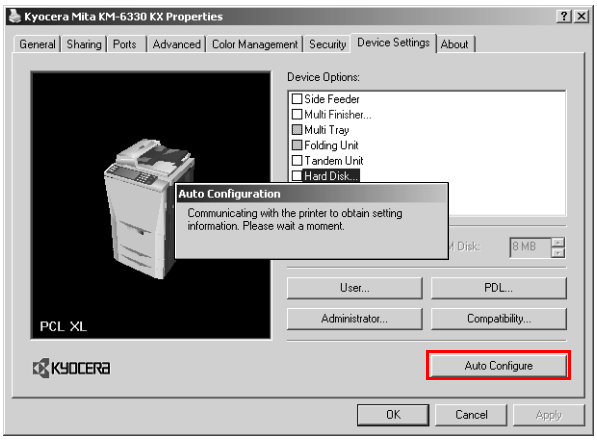
- Windows 98 & ME – KPrint ports (Raw mode, LPR, and IPP) only
- Windows NT 4.0 – KPrint ports (Raw mode, LPR, and IPP) only
- Windows 2000 – TCP/IP Ports and KPrint Ports (Raw mode, LPR, and IPP)
- Windows XP – TCP/IP Ports only

NOTE *TCP/IP port can be either an IP address or the printer name (Host name).*

Windows 95 is not supported by KACT.

1 Click Auto Configure.

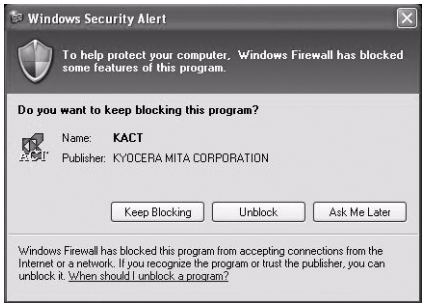
An “in progress” message will appear.



The check box settings on the Device Options list will be changed and the 3D image will be updated according to the device options installed. Memory and RAM Disk information will also change based on the setting information returned. When completed, the following message will appear:

- The Auto Configure tool can not communicate with a printer if the printer is powered off or in the middle of booting up process. In such cases, Auto Configure will display the following message after the time out.

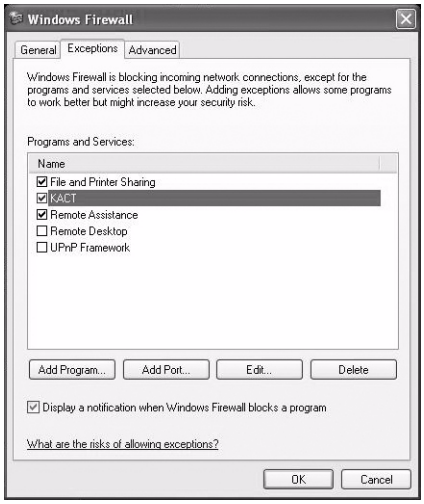
- The Auto Configure tool can not communicate with a printer through the Windows XP firewall. If this firewall is set to on for your machine, the following message appears:



You can change the settings in the Windows Firewall to allow communication between the printer and your computer. The default setting for Windows XP Service Pack 2 is for the Windows Firewall to be set to **On**.

1 When the Windows Security alert shown above appears, click **Unblock** to allow communication between the printer and your computer.

When you click Unblock, Auto Configure is added to the Windows Firewall exception list, as shown in the example below. The Windows Firewall is accessed through the Control Panel.



Chapter 3 Printing from Applications

This section describes the following printing tasks when printing from Microsoft Windows applications.

- Basic Printing Tasks
- Duplex Printing
- Reverse Order Printing
- Printing Watermarks
- Adjusting Image Settings
- Adjusting Color

Basic Printing Tasks

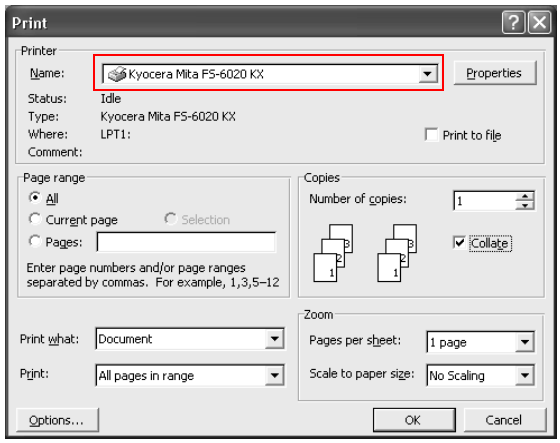
The steps required to print a document created with an application are explained below. You can select the printing paper size and output location.

*The **Print** dialog box does not look the same in every application.*

Basic Printing

1 Insert the proper paper size (such as A4) into the printer's paper cassette.
2 From the application's **File** menu, select **Print**. The **Print** dialog box appears.

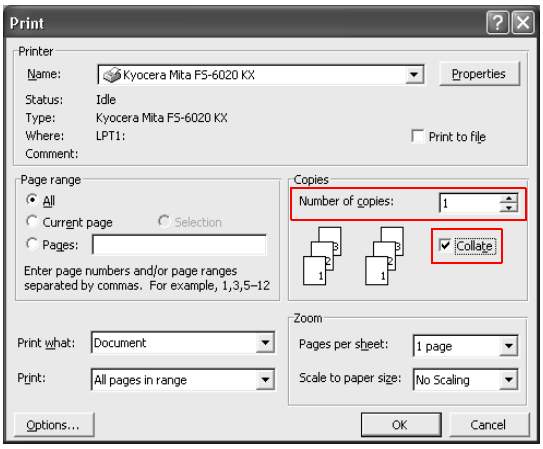
3 Click **Printer Name** to open a list of installed printers. Select the desired printer.



4 Specify the number of copies to print in the **Number of copies** field. You can print up to 999 copies. When printing two or more copies, enable the **Collate** check box for collation.

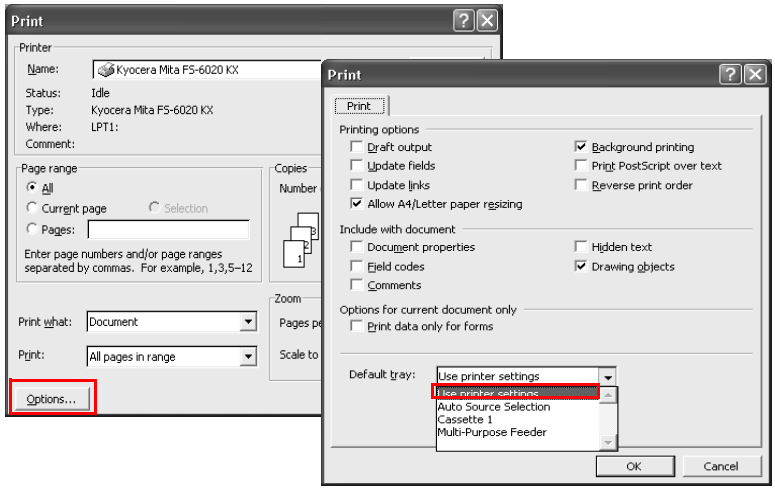
NOTE

*If **Ignore Application Collation** is selected in the **Compatibility Settings** dialog, the **Print Collate** setting will be disabled. See page 43 for setting information.*



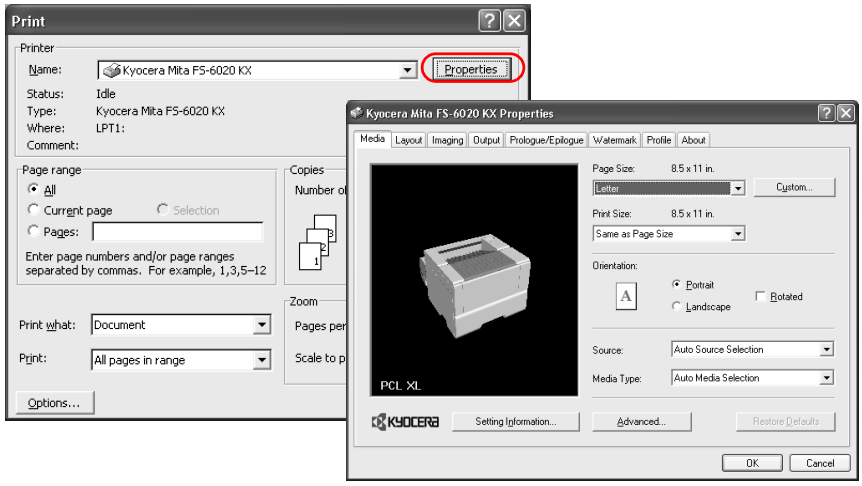
NOTE

*When using Microsoft® Word®, we recommend that you click **Options**... and select **Use printer settings** for the default tray.*

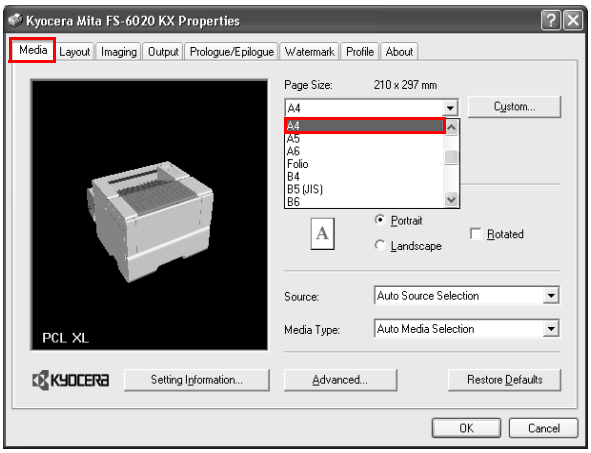


5 Click **OK**.

6 Click **Properties...** to access the **Properties** dialog box.



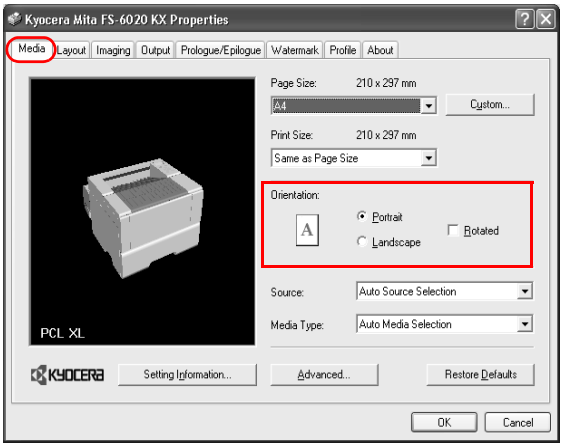
7 **On** the **Media** tab, click the **Page Size** list and select the appropriate page size.



- *For best results when printing on transparencies or recycled paper (the back side of paper which has already been printed on), click the **Media Type** list and select the media type. For further details, refer to Matching the Paper Size before Printing on page 53.*
- *The printer automatically selects paper size that matches the size specified above. A message appears requesting you to fill the multi-purpose tray if the proper paper size is not available.*
- *Click the **Source** list to specify the paper cassette for printing.*

NOTE

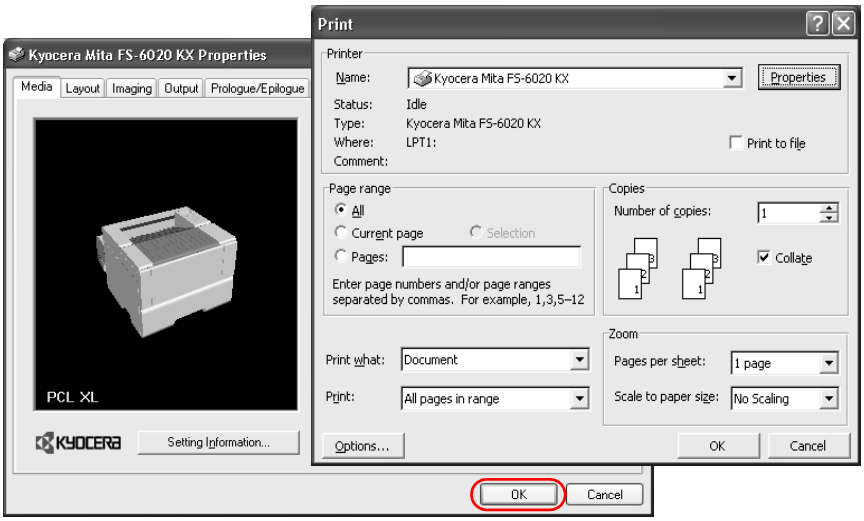
8 Choose either **Portrait** or **Landscape** to match the document page orientation. You can rotate the document 180 degrees by enabling the **Rotated** check box.



NOTE

The Rotated setting is required when stapling the upper-right corner of the document.

9 Click **OK** to return to the **Print** dialog box.



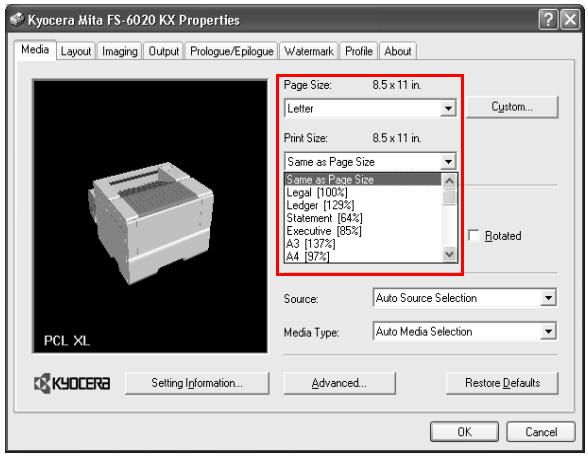
10 Click **OK** to start printing.

Using a Different Print Size

This section describes how to print documents of different sizes than the original document. The document image is automatically adjusted to match the output page size.

1 In the **Properties** dialog box, click the **Media** tab.

2 In the **Page Size** list, select the original paper size. Click the **Print Size** drop-down list and select the preferred output paper size.



3 Confirm that the proper paper size is loaded. Click **OK** to return to the **Print** dialog box.

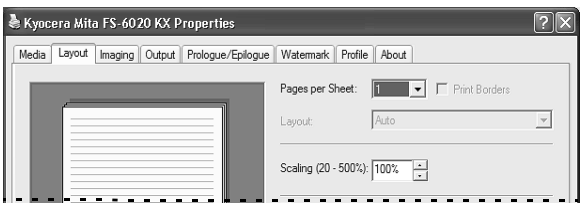
4 Click **OK** to start printing.

- *The proportion of the source document page size is compared to the output paper size by using the **Page Size** feature.*
- *Scaling allows you to select a percentage to increase or decrease the original image relative to the original page size. Refer to Scaling on page 52.*
- *Select **Same as Page Size** in the **Print Size** list to restore the output page size.*

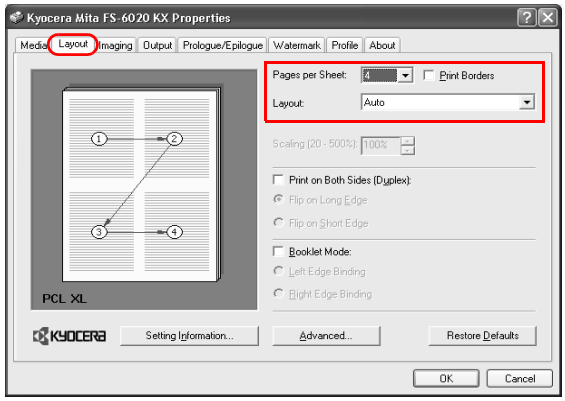
Printing Multiple Pages Per Sheet

You can print by arranging multiple pages of the source document on a single sheet of paper. When this function is enabled, the **Scaling** option is unavailable.

1 In the **Properties** dialog box, click the **Layout** tab.



2 Specify the number of source pages in the **Pages per Sheet list**. You can select the horizontal direction for the page layout using **Layout (Sequence)**.



- *If you select four pages per sheet, then four pages are printed on a single sheet as shown in the dialog box in the example above. If **AUTO** is selected as layout, pages are arranged from the top left corner to the bottom right corner.*

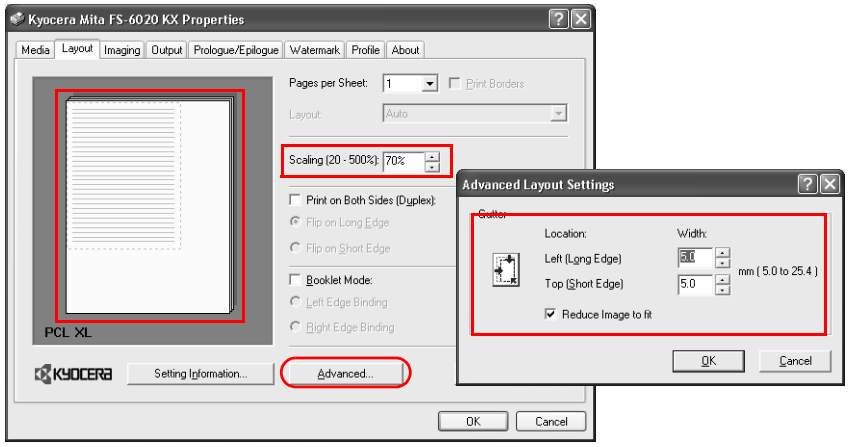
NOTE

- *Enabling the **Print Borders** check box displays the page borders of each page.*
- *When KPDL is set for the PDL, printing may be affected in some applications. Change the setting to PCL XL or PCL 5e, or set **Passthrough** mode in the KPDL mode settings to **Off**. For further details on changing the PDL, refer to Page Description Language (PDL) Settings on page 36.*

Scaling

Based on the page and print size specified in the **Print Size** on the **Media** tab, you can reduce or enlarge the image from 20 to 500% before printing. However, only one page per sheet can be printed.

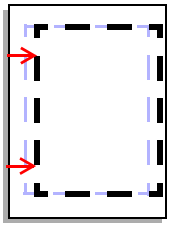
1 Click the **Layout** tab in the **Properties** dialog box, and enter the scale percentage into the **Scaling (20-500%) field**, or adjust the value as needed.



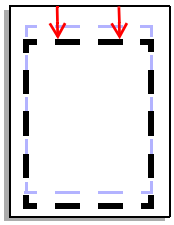
2 If you click **Advanced...**, you can adjust the outside margins in a range from 5.0 to 25.4 mm.

- For outside margins to the left of the page, enter a number into the **Left (Long Edge) - Width** box.
- For outside margins to the top of the page, enter a number into the **Top (Short Edge) - Width** box.

Left (Long Edge)

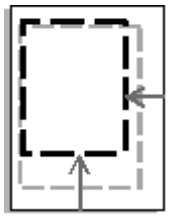


Top (Short Edge)



- Select the **Reduce Image to Fit** check box if the printing data extends beyond the edge of the paper when setting a binding margin. The margins are reduced to match the page size adjustment.

Reduce Image to Fit



When you want to change the page size (for example, to enlarge an A4-size brochure for printing on A3 paper), refer to Using a Different Print Size on page 51.

Matching the Paper Size before Printing

The printer automatically selects the paper size specified in the **Page Size** setting on the **Media** tab by default when you are printing on regular paper. However, the printer supports a wide variety of printing media depending on your printer model.

You can specify the media type in the **Media Type** setting for automatic paper source selection when using recycled paper, labels, or transparencies. You can also specify the finishing settings for best results. Automatic selection of paper sizes can be disabled in the PCL XL detail settings. For further details, refer to Page Description Language (PDL) Settings on page 36.

Labels, transparencies, and envelopes must be printed using the multi-purpose tray. Ensure the paper is properly loaded by following the instructions outlined in the supplied printer's Operation Guide.

NOTE

When paper is loaded properly in the paper cassette, the printer can automatically detect the paper size. However, it is necessary to use the print operator panel on the printer to assign the media type of the paper cassette so that the printer can recognize it. The steps to specify the media settings are listed below.

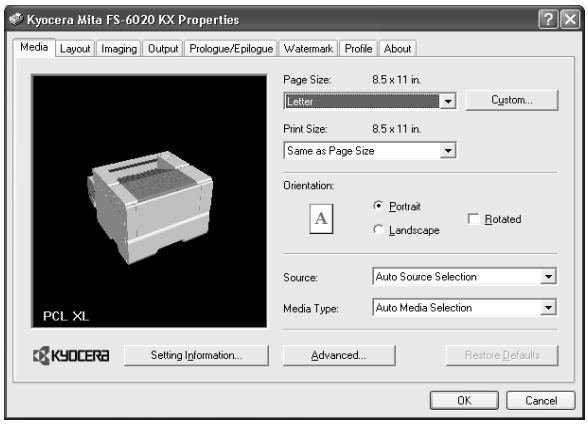
1 Load the paper in a paper cassette or the multi-purpose tray.

NOTE

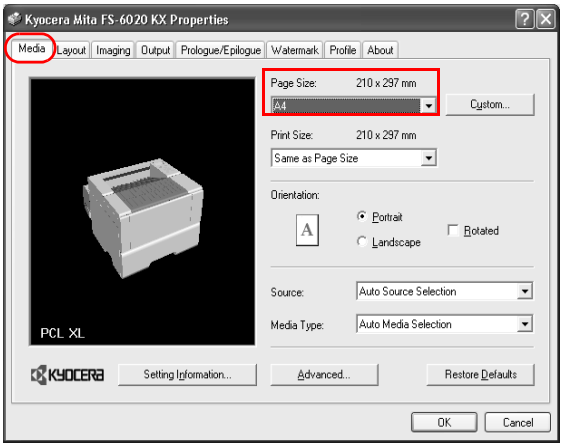
Use the multi-purpose tray in cassette mode (the default). For further details on multi-purpose tray modes, refer to the printer's Operation Guide.

2 Specify the media type in the print operator panel on the printer.

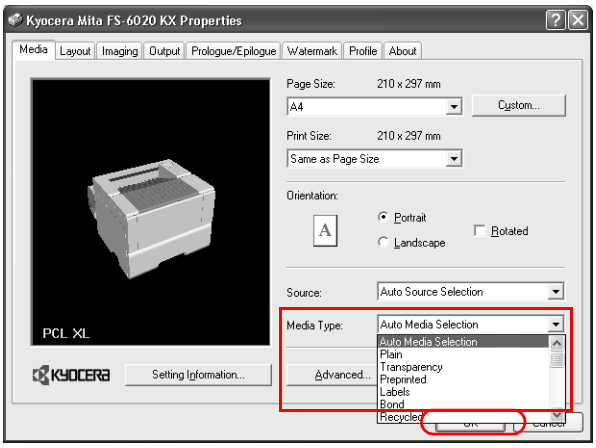
3 Access the printer **Properties** and click the **Media** tab.



4 Select the document paper size from the **Page Size** list.



5 From the **Media Type** list, select the type of media for printing, then click **OK**.



6 Options available in the **Media Type** list are as follows.

Media Type	Usable Paper Cassettes
Plain 64 to 90 g/m^2	All
Transparency	Multi-purpose tray (MP tray)

Media Type	Usable Paper Cassettes
Preprinted	All
Labels	Multi-purpose tray (MP tray)
Bond (securities)	All
Recycled	All
Vellum Less than 64 g/m^2	All
Rough 90 to 200 g/m^2	Multi-purpose tray (MP tray)
Letterhead	All
Color 64 to 90 g/m^2	All
Prepunched	All
Envelopes	Multi-purpose tray (MP tray)
Card Stock	All
Thick	Multi-purpose tray (MP tray)
High quality	All
Custom (1-8)	Refer to the next section.

Once printing begins, the printer automatically selects the paper to match the paper size and specified media type.

If the paper loaded does not match the size, type, or both, a message appears requesting you to load paper in the multi-purpose tray.

Printing on Paper of Non-Standard Sizes

The printer can print on custom sizes of paper by defining them as custom paper sizes.

For custom paper, supply the paper using the universal (adjustable) paper cassette or the multi-purpose tray. Custom paper sizes are not supported in the models listed below:

FS-1700, FS-6300, FS-6700, FS-6700S, FS-6800, FS-7000, and FS-9000.

Follow these steps to save custom page sizes in the printer driver.

1 Load the custom paper into the printer. For further details, refer to the printer's Operation Guide.

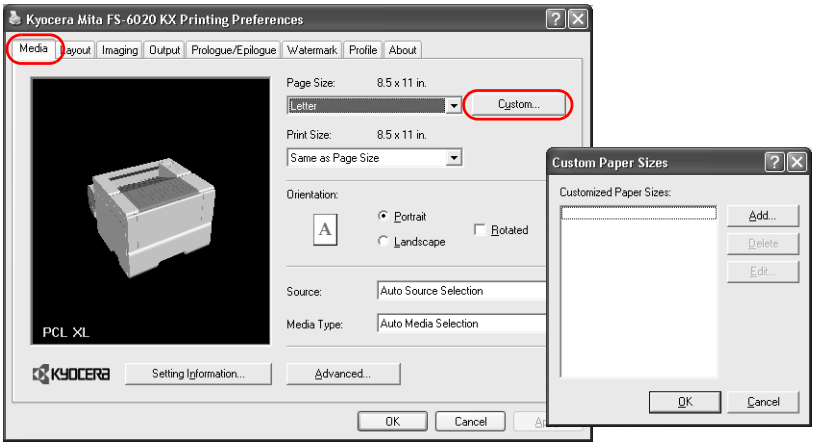
2 Click **Start** in the Windows taskbar to access the printer driver properties and then select the **Printers and Faxes.** The **Printers and Faxes** window appears.

*Windows 95/98/Me/2000: Access the printer driver properties by clicking **Start** in the Windows taskbar and then selecting the **Printers** window.*

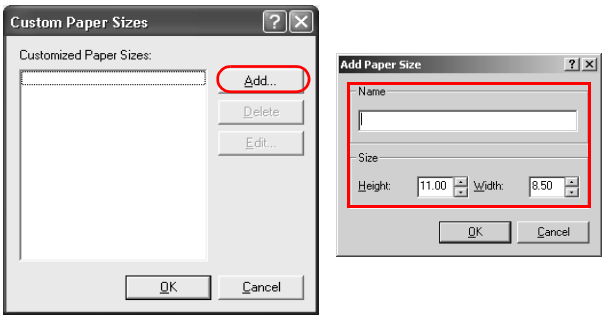
3 Right-click the printer icon to access the **Properties** dialog box.

4 Click **Printing Preferences** to open the **Printing Preferences** dialog box. Click the **Media** tab.

5 Click **Custom... .** The Custom Paper Sizes dialog box appears.



6 Click **Add... .** The **Add Paper Size** dialog box appears. Enter a name for your custom paper size in the Name field.

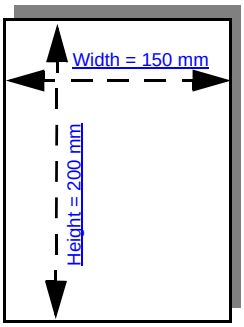


NOTE *The name can be up to 31 characters.*

7 Enter the measurements in the **Height** and **Width** boxes in millimeters or inches. (Units are selected from the **User** dialog box of the **Device Settings** tab in the **Properties** dialog box.)

8 The following sizes are available for custom paper.

Size	Cassette	MP tray	Duplexer unit
Minimum (A4 printers)	148 × 210 mm (5.8 x 8.3 inches)	70 × 148 mm (Portrait)	148 × 216 mm
Largest (A4 printers)	216 × 356 mm (8.5 x 14 inches)	216 × 356 mm (Portrait)	216 × 356 mm
Minimum (A3 printers)	148 × 210 mm (5.8 x 8.3 inches)	70 × 148 mm	148 × 210 mm
Largest (A3 printers)	297 × 450 mm (11.7 x 17.7 inches)	310 × 458 mm	297 × 431.8 mm



Sample Paper Measurements (150 mm x 200 mm)

9 Click **OK** to save the page size and return to the **Custom Paper Sizes** dialog box. Confirm the name of paper size you just added.

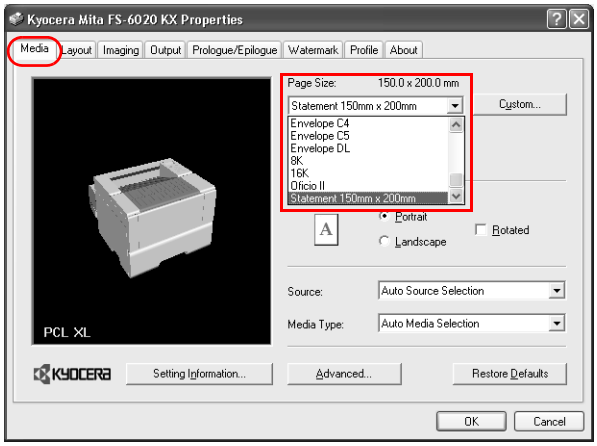
10 Click **OK**.

Repeat the steps above if you want to add other custom paper sizes. A maximum of 20 different paper sizes can be added.

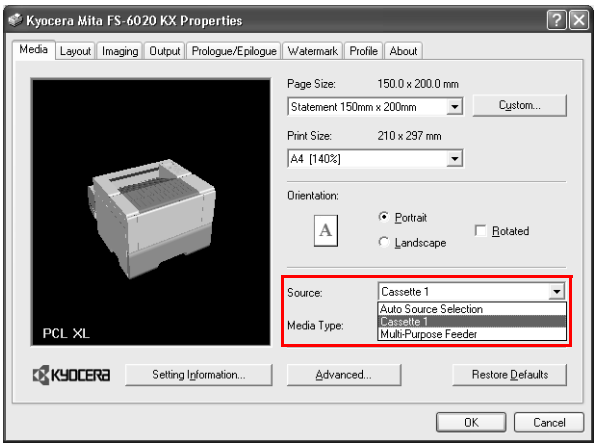
Printing with Custom Paper Sizes

1 From the applications's **Printer Properties**, access the **Print** dialog box. (Select **Print** from the **File** menu.)

2 On the **Media** tab, select the name of your saved paper size in the **Page Size** list.



3 Select the source cassette for the custom paper from the **Source** list.



4 Click **OK** to return to the **Print** dialog box.
5 Click **OK** to start printing.

Duplex Printing

This section describes how to enable the duplex printing option. In order to activate this printing option, the duplex unit must be installed, and additional memory may be required depending on the printer model. For further details, refer to your printer's Operation Guide. For information on Booklet printing, see Booklet Printing on page 102.

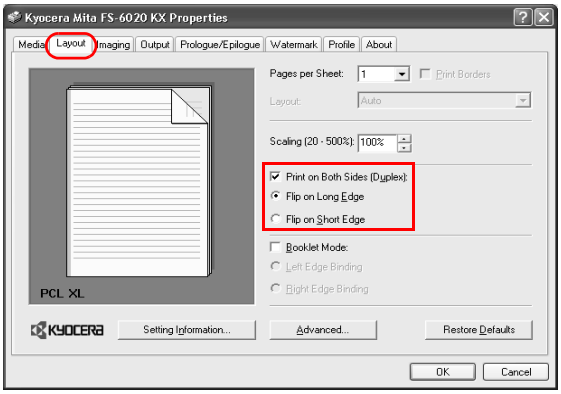
In the table below, the paper sizes and media types are not available for duplex printing:

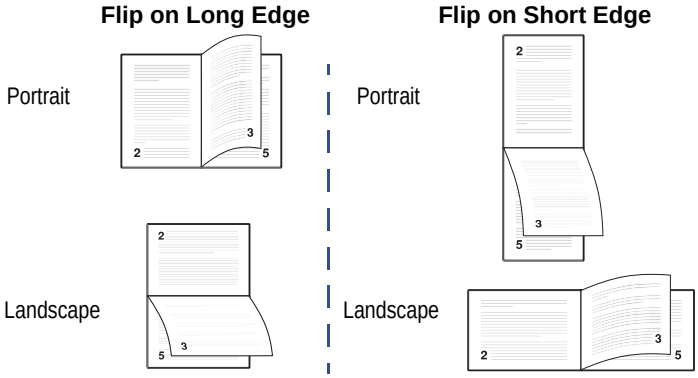
Paper size	Media Type
A3 wide	Transparencies
A6	Labels
B6	Thin paper
Postcards	Envelopes
Double postcards	Postcards
Envelopes	
Western size 2 (114 × 162 mm)	
Western size 4 (105 × 235 mm)	

Printing on Both Sides

1 From the application's **Print** dialog box, access the **Properties**. (Select **Print** from the **File** menu and select **Properties**.)
2 Click the **Layout** tab.

3 Select the **Print on Both Sides (Duplex)** check box. Choose either **Flip on Long Edge** or **Flip on Short Edge**.





4 Click **OK** to return to the **Print** dialog box.

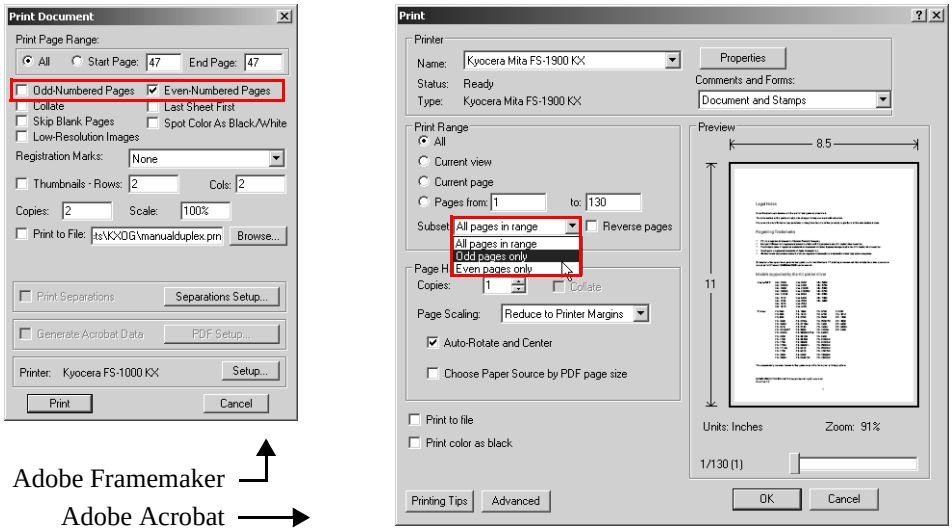
5 Click **OK** to start printing.

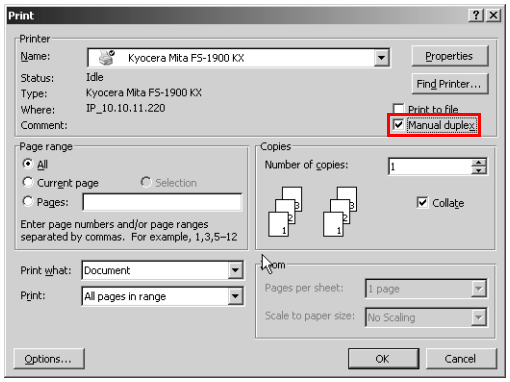
Manual Duplex

Manual duplex enables printing on both sides of a sheet by ordering the print job so that after the first half of the print job has been printed, the job can be flipped over and fed from the cassette for the second side printing. Manual Duplex is not available when settings are made in the **Advanced** dialog box, accessed from the **Media** tab.

The steps for using Manual Duplex may vary, depending on your printer, what printer accessories you have installed, and what application you are printing from.

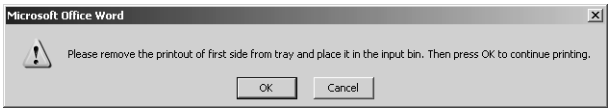
The Print dialog boxes of some applications allow you to print just the odd or even pages so that you can use manual duplex, as shown in the two examples below.





Microsoft Word

The Microsoft Word Print dialog box has a Manual Duplex checkbox, as show above. When this option is selected, the odd pages are printed and then a message (shown below) appears telling the user to flip the printed pages over and re-insert them in the input bin of the printer.



Some Kyocera printers have a manual duplex setting in Printer Preferences, on the Layout page. Instructions for using this method for manual duplex printing are below. If the **Properties** or **Preferences** dialog boxes for your printer don't have manual duplex settings, look for an option to print just odd or even pages in the **Print** dialog box of the application you want to print from, as shown above."

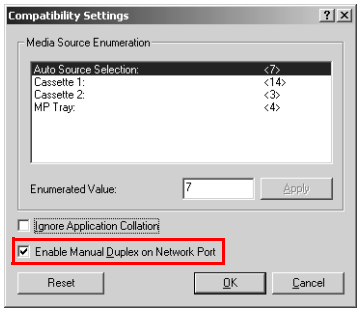
Manual Duplex Settings

- The printer must be set to a local port.

- OR -

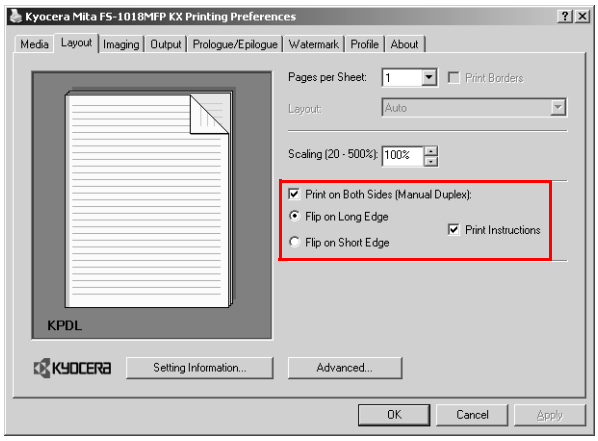
- The Source selection must be Cassette 1 or Cassette 2.

When using a network port, select **Enable Manual Duplex on Network Port** in the **Compatibility Settings** dialog box, accessed from the **Device Settings** tab. Manual Duplex cannot be used on a network port in Windows 9x.



To print on both sides, follow these steps:

1 In the **Media** tab, select Cassette 1.
2 In the **Layout** tab, select **Print on Both Sides (Manual Duplex)**.



3 Select **Flip on Long Edge** or **Flip on Short Edge**.
4 Select **Print Instructions** to print an instruction sheet. Follow the printed instructions for placing the pages back into the cassette after the first side is printed.
- OR -
Clear **Print Instructions** and follow steps 5-7.
5 Click **OK** in the Properties dialog and Print dialog.

The even-numbered pages will be printed.

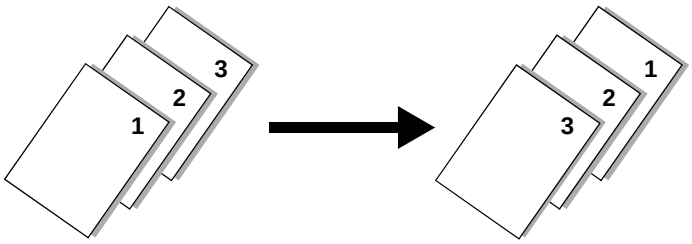
6 When printing stops, remove all printed sheets from the output tray.
With **Flip on Long Edge** selected, turn the stack over on the long edge and put the pages into the cassette.
With **Flip on Short Edge** selected, turn the stack over on the short edge and put the pages into the cassette.
7 Click OK in the **Manual Duplex Instruction** dialog box.

The odd-numbered pages will be printed.

Reverse Order Printing

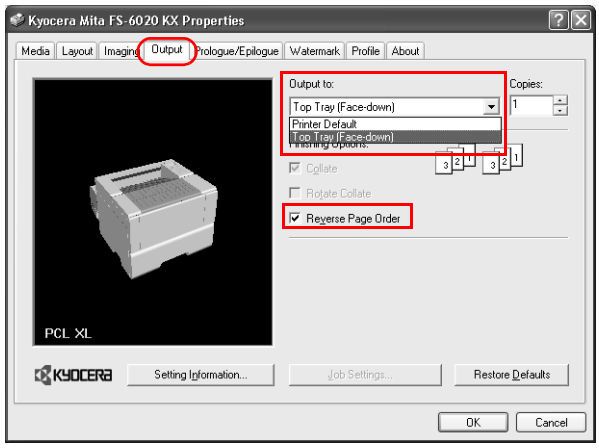
Prints document pages in reverse order, from the last page to the first.

When heavy or other special papers are printed face up, the reverse order printing function places the order of pages into numerical order as shown below.



Print pages in reverse order

1 Access the **Properties** dialog box and click the **Output** tab.
2 Select the **Output tray** from the **Output to** list.
3 Select the **Reverse Page Order** check box in **Finishing Options**.



4 Click **OK** to return to the **Print** dialog box.
5 Click **OK** to start printing.

Prologue/Epilogue

The Prologue/Epilogue tab includes:

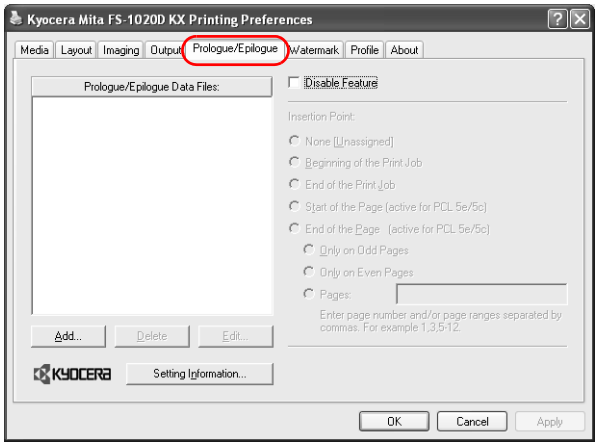
Disable Feature	Clear the check box to enable the features in the Prologue/Epilogue tab. All files listed under Prologue/Epilogue Data Files will be applied to your print job, unless they are set to None (Unassigned). Select the check box to disable the features and files.
Prologue/Epilogue Data Files	From the list, select the desired Prologue/Epilogue data file. Commands are saved in text file (.txt) format.
Add	Click Add to browse for PRESCRIBE command files to add to the Prologue/Epilogue Data Files list. If the file is located on a network drive in a client/server environment, browse to the network path, for example: \\server name\folder name\file **name.txt**.

Delete	Select a file from the Prologue/Epilogue Data Files list and click Delete to remove it from the list.
Edit	Select a file from the Prologue/Epilogue Data Files list and click Edit. The file will open in Notepad, where you can edit the text.
Insertion Point:	Allows you to select the insertion point for embedded Prologue/ Epilogue data files. Choose one insertion point for each data file.
None [Unassigned]	When multiple data files are listed in the Prologue/Epilogue Data Files list, you can set individual files to None [Unassigned] and they will be disabled.
Beginning of the Print Job	Embeds a Prologue/Epilogue data file on the first page of a print job.
End of the Print Job	Embeds a Prologue/Epilogue data file at the end of a print job.
Start of the Page	Embeds Prologue/Epilogue data file to the start of each page for a print job. Select one page option: • Only on Odd Pages applies an embedded Prologue/ Epilogue data file to all odd numbered pages. • Only on Even Pages applies an embedded Prologue/ Epilogue data file to all even numbered pages. • Pages applies an embedded Prologue/Epilogue data file to page numbers and/or page ranges.
End of the Page	Embeds Prologue/Epilogue data file to the end of each page of a print job. Select one page option: • Only on Odd Pages applies an embedded Prologue/ Epilogue data file to all odd numbered pages. • Only on Even Pages applies an embedded Prologue/ Epilogue data file to all even numbered pages. Pages applies an embedded Prologue/Epilogue data file to page numbers and/or page ranges.

This command allows the user experienced in using macro commands to insert a macro into specific locations in the print job. An advanced user may choose to use this feature to embed a PRESCRIBE command that will call a macro to overlay PRESCRIBE form data or a graphic object, such as a logo or a signature, at a specific point in the print job.

The options for Start of the Page and End of the Page are available only when PCL 5e/c is selected as the Page Description Language in the Page Description Language dialog box.

- This function embeds the PRESCRIBE command in the document. This allows execution of macros that contain settings such as printer emulation and foreign characters or overlays.
- **Insert Location** specifies the location for burying the PRESCRIBE command, such as at the start or end of the document.

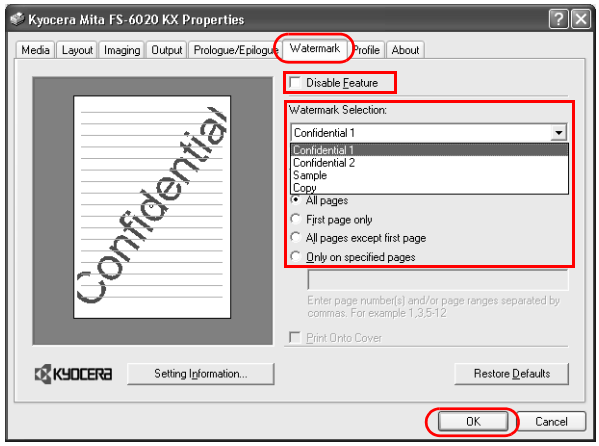


Printing Watermarks

When printing using watermarks, your preferred text is printed in the document background. You can choose one of four standard watermarks or enter your own text.

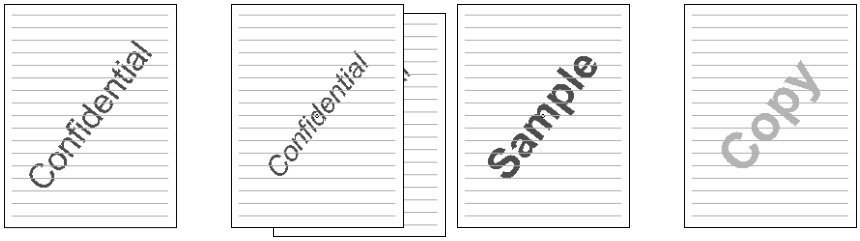
Selecting the Watermark

1. From the application's **Print** dialog box, access the **Properties**. (Select **Print** from the **File** menu and select **Properties**.)
2. Click the **Watermark** tab.
3. Clear the **Disable Feature** check box.
4. Select from the **Watermark Selection** list.



NOTE

*The **Watermark Selection** list has four standard and customized watermarks. For further details on adding watermarks, refer to Adding Watermarks on page 65.*

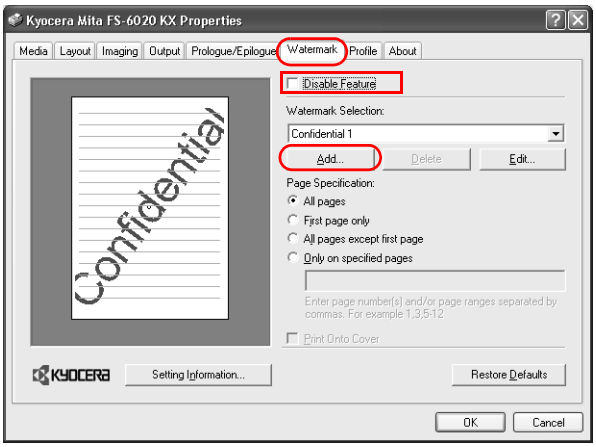


Standard Watermarks

Adding Watermarks

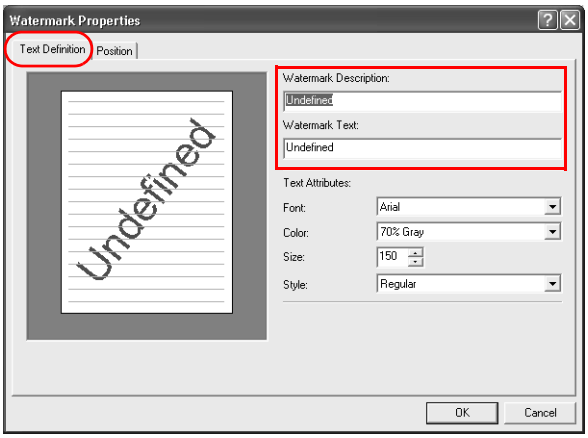
You can enter the text for a new watermark. The text font, color, size, and style can be adjusted.

1 From the application's **Print** dialog box, access the **Properties**. (Select **Print** from the **File** menu and select **Properties**.)
2 Click the **Watermark** tab.
3 Clear the **Disable Feature** check box.
4 Click **Add... .** The **Watermark Properties** dialog box appears.

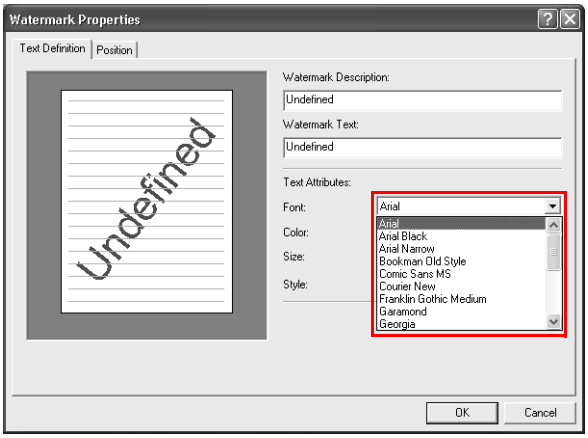


5 Click the **Text Definition** tab.

6 Enter a name for your watermark in the **Watermark Description** field, and enter the text to be printed as a watermark in the **Watermark Text** field.

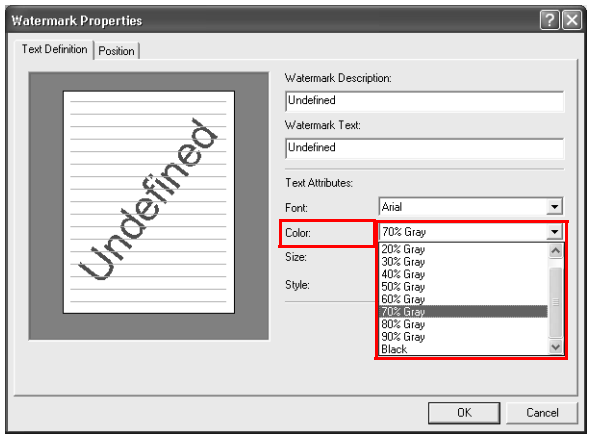


7 In the **Text Attributes** section, specify the **Font**. Select a font from the **Font** list.



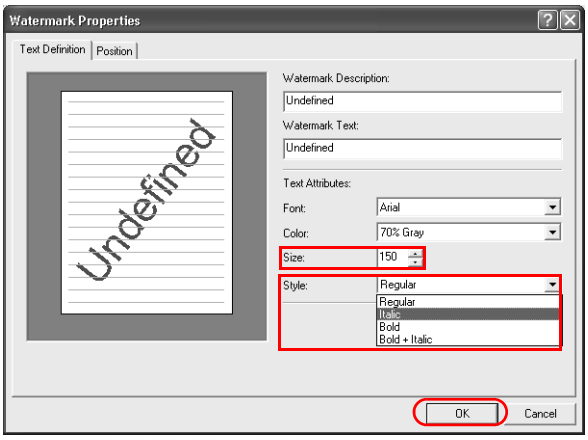
8 In the **Text Attributes** area, specify the **Color** setting.

- Monochrome printers: Select **10% Gray to 90% Gray** or **Black** in the **Color** drop-down list.
- Color printers: Select from the **Color** list, or select **Custom** to choose additional colors.



9 In the **Text Attributes** area, specify the font **Size**. The font size is measured in points.

10 In the **Text Attributes area**, specify the typeface **Style**. From the **Style** list, choose from regular, italic, bold, or bold and italic.

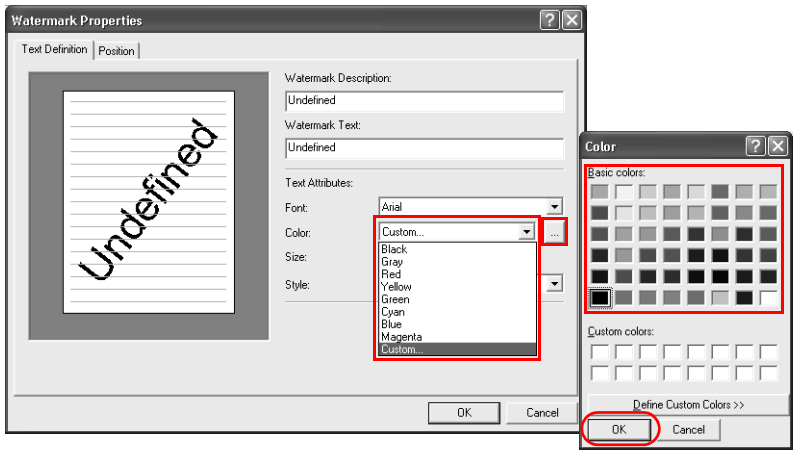


11 Click **OK**.

Selecting and Creating Custom Colors (Color printers only)

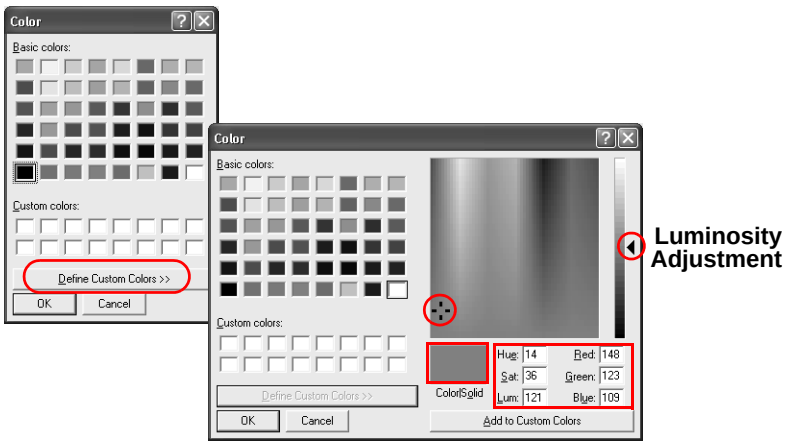
In the **Color** setting, selecting the **Custom** option appears the standard Windows colors. In addition to the basic system colors, you can also create customized colors.

1 When you set the color in the **Text Attributes**, select **Custom...** from the **Color** list and click **[...]**. The **Colors** dialog box appears.
(To use an existing color, click a color in the **Basic colors** area, and then click **OK** and skip ahead to step 7.)



2 Click **Define Custom Colors** to open the color matrix and create a customized color.

3 On the color matrix, enter the numerical values for the hue, saturation, and luminosity levels. The created color appears in the **Color/Solid** box.

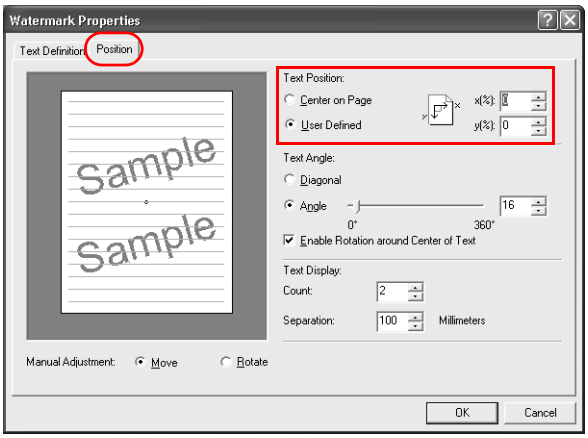


- Hue and Saturation (Sat) Adjustment:
  Click and drag the pointer left/right or up/down to adjust the hue and saturation levels.
- Luminosity (Lum) Adjustment:
  Click and drag the slider on the right of the color matrix to adjust the luminosity level.

4 Click **Add to Custom Colors...** to add your color to the custom colors.
5 Click **OK** to save the custom colors.
6 Click **OK** to return to the **Watermark Properties** dialog box.
7 Click **OK**.

Positioning Watermarks

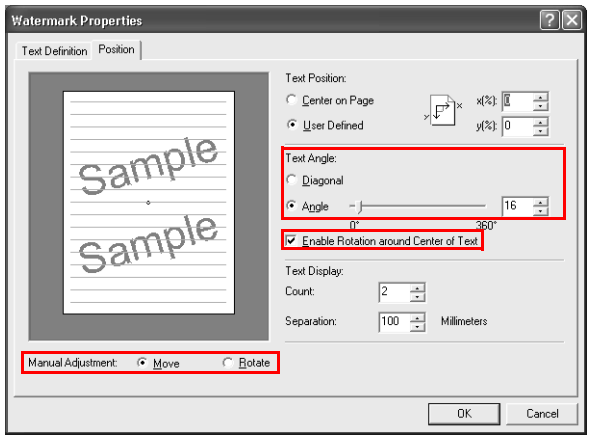
1 In the **Watermark Properties** dialog box, click the **Position** tab.
2 Select **Center on Page** or **User Defined** to specify the text position.
- **Center on Page:** Places the watermark text in the center of the page.
- **User Defined:** Bases the watermark text position on the X and Y values for the horizontal and vertical coordinates.



NOTE *Manual Adjustment: Select the Move option and hold the left mouse button while dragging the watermark image on the left to the desired position.*

3 Specify the **Text Angle**. Click to select a preset **Diagonal** display (slanted to the upper right) or to select **Angle**, which allows you to enter your preferred angle (measured counterclockwise from 0 to 360 degrees).

- **Angle:** Drag the slider horizontally or type the value. The angle of the text can be manually adjusted by placing the mouse pointer on the center or end of the text and dragging it to the desired position.

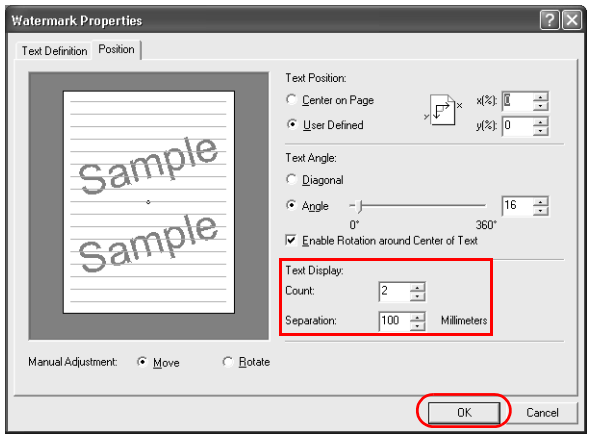


NOTE

- ***Manual Adjustment**: You can select **Rotate** and hold the left mouse button while dragging the watermark image at left to the desired angle.*
- *Select **User Defined** in the **Text Position** field and then **Angle** in the **Text Angle**. Activate the **Select Rotation around Center of Text** check box.*

4 Specify the **Text Display**. Adjust the number of watermarks printed and the amount of separation space between the text.

- Enter the number of watermarks in the **Count** box, or drag the slider to adjust the value.
- Enter the value for separation between watermarks in the **Separation** box in millimeters or inches in the User Settings dialog box on the Device Settings tab, or use the box to adjust the value.



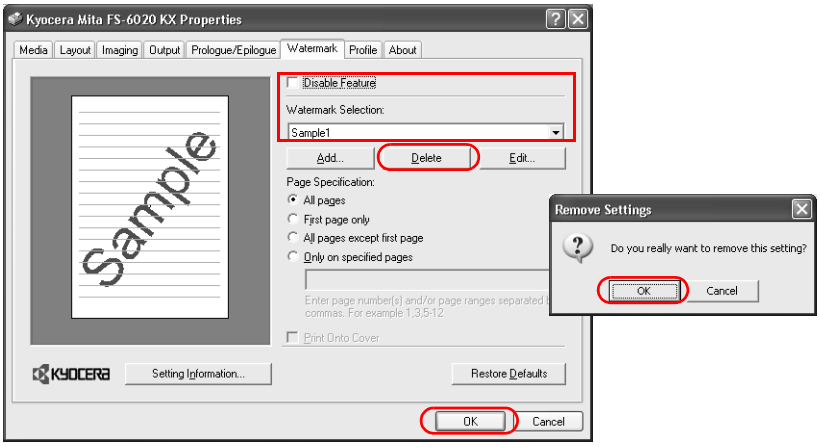
5 Click **OK**.

Deleting Watermark Text

1 Clear the **Disable Feature** check box on the **Watermark** tab.

2 From the **Watermark Selection** list, select the watermark text you wish to delete. Click **Delete**.

3 Click **OK to confirm the deletion**.



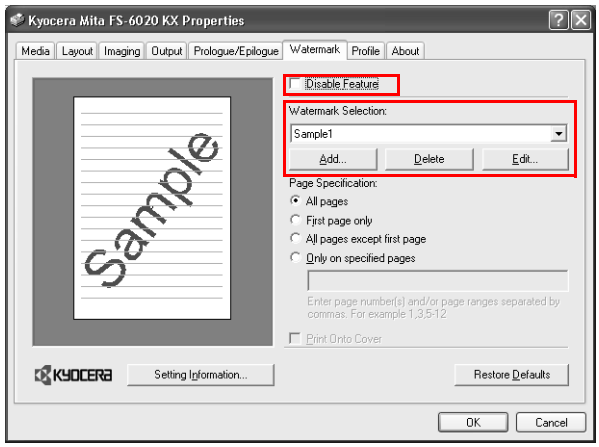
Editing Added Watermarks

Edit your own watermarks by following the steps below. When editing your added watermarks, you can change the watermark text, font, color, size, and style.

1 Clear the **Disable Feature** check box on the **Watermark** tab.

2 From the **Watermark Selection** list, select the watermark text for editing.

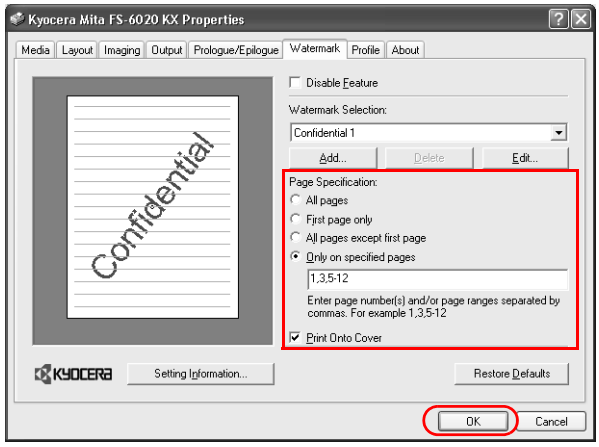
3 Click **Edit...** . The **Watermark Properties** dialog box appears.



Adjust the text position and other settings as desired. For further details, refer to Adding Watermarks on page 65, step 5 to 10 and Positioning Watermarks on page 68, step 1 to 3.

Watermark Page Settings

1 In the **Page Specification** area, choose from **All pages, First page only, All pages except first page,** or **Only on specified pages** for printing the watermark text.



NOTE

Enter the pages in the box to print the watermark on specific pages. For example, to print the watermark on pages 1, 3, 5, 6, 7, 8, 9, 10, 11, and 12, enter [1,3,5-12].

2 Select the **Print Onto Cover** check box to select the cover page for printing the watermark.

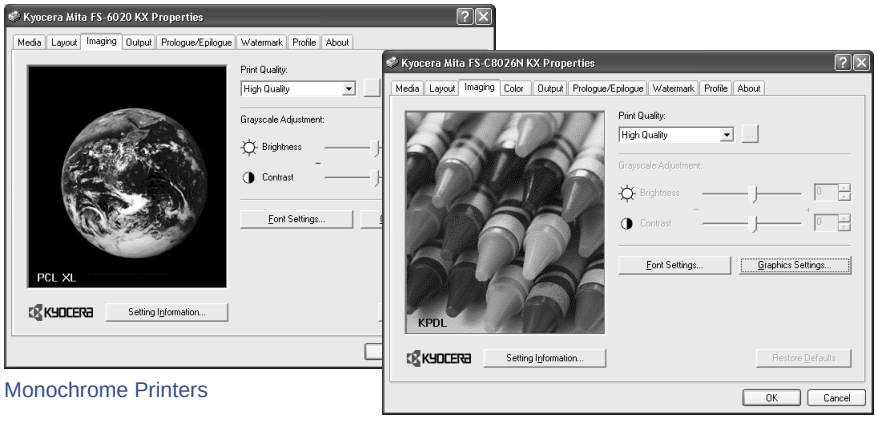
NOTE

*Enable the Cover Mode option in the Advanced Media Settings on the **Media** tab to print the watermark text on the front or front and back covers. For further details, refer to Printing with Covers on page 93.*

3 Click **OK.**

Adjusting Image Settings

The settings for **Print Quality**, **Grayscale Adjustment** and **Font Settings** are described below. Color printers also offer adjustment options in the **Color Adjustment** settings of the **Color Adjustment** dialog box.



Monochrome Printers

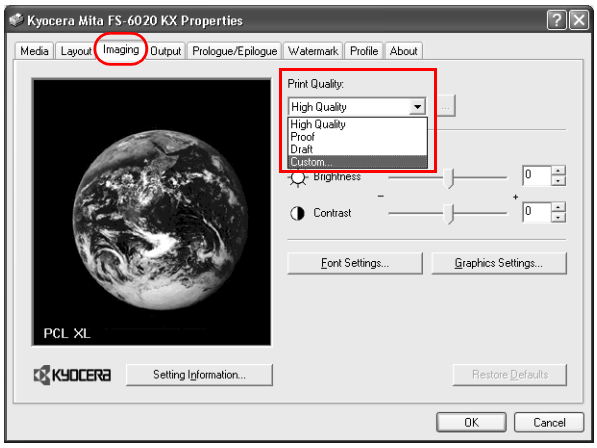
Color Printers

Print Quality

You can specify the printer settings for Resolution and EcoPrint.

Options	Descriptions
Resolution	The number of dots printed in one inch. Higher resolution allows more accurate printing of specific details.
EcoPrint	Reduces the amount of toner placed on the printed page, extending the life of the toner cartridge, making it both economical and ecological. Because toner saturation is reduced, the entire image, text and graphics, appears lighter in the printed job. EcoPrint does not increase print speed.

1 From the **Print** dialog box of the application, access the printer **Properties**.
2 In the **Properties** dialog box, click the **Imaging** tab.



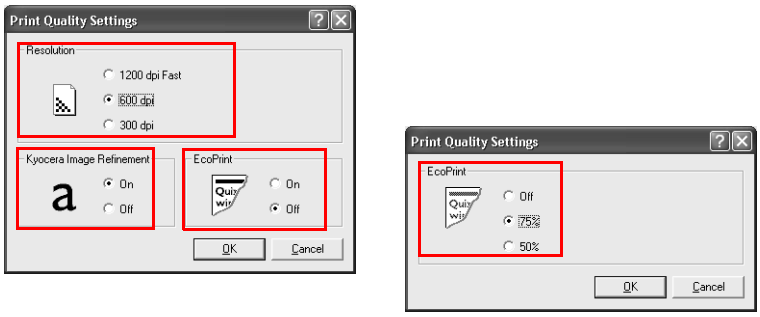
Settings for Monochrome Printers

3 Click to select the **Print Quality** from the **Print Quality** list.

Print Quality Options	Descriptions
High quality	Prints using the highest printer resolution.
Proof (monochrome printers only)	Prints using the second-highest level of resolution.
Draft	Prints at a resolution of 600 dpi.
Custom	You can specify your preferred combination of settings for **Resolution**, **Kyocera Image Refinement**, and **EcoPrint**. For further details, refer to the instructions below.

NOTE

*When you select Custom for the Print Quality, then click **[...]** next to the list, the Print Quality Settings dialog box appears. Refer to the following table to set the **Resolution**, Kyocera Image Refinement, and EcoPrint features.*



Options	Descriptions
Resolution (monochrome printers only)	Choose from 1200 dpi Fast mode, 600 dpi, or 300 dpi. The printer models FS-1800, FS-1800+, and FS-3800 support 1200 dpi Fine mode.
Kyocera Image Refinement	Smooths the outline of text and vector graphics. For color printers, this option is only available when printing in monochrome mode.
EcoPrint	Depending on the model, choose from On, Off, 75%, or 50%.

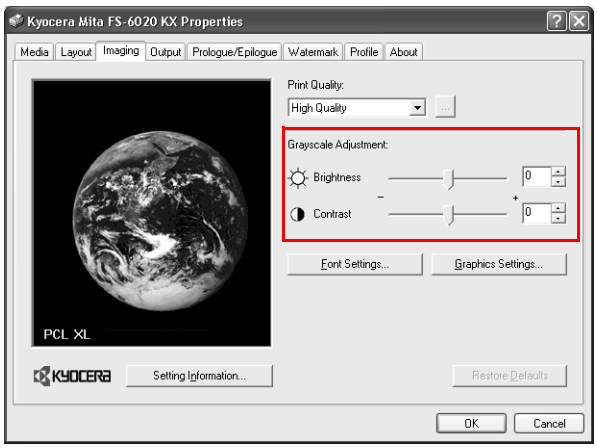
These options enable you to extend the use of your toner cartridges by adjusting the printing resolution. For color printers, these options are only available for monochrome printing.

Grayscale Adjustment

The **Grayscale Adjustment** setting is used for adjusting the **brightness** and **contrast** of graphics produced by monochrome printers. This setting is available on color printer models when the monochrome option is active. Text remains unchanged.

To adjust grayscale settings:

1 Use the mouse to drag the slider horizontally toward (+) or (-) for **Brightness** and **Contrast in the Grayscale Adjustment** area. Alternatively, click the arrows at the right to increase or decrease the values in the boxes.



Grayscale Adjustment Options	Descriptions
Brightness	Adjusts the brightness of graphics. The darkest setting is -100 and the brightest is +100. Choose 0 (zero) for a regular level of brightness.

Grayscale Adjustment Options	Descriptions
Contrast	Adjusts the contrast (the proportion of light to dark) of graphics. The faintest contrast setting is -100 and the strongest is +100. Choose 0 (zero) for a regular level of contrast.

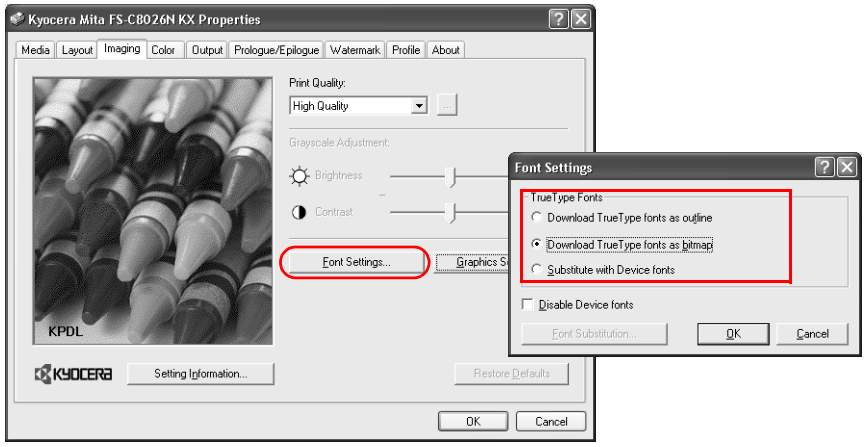
Font Downloading

This setting specifies the method used to send TrueType fonts to the printer during printing.

1 Click **Font Settings**. The **Font Settings** dialog box appears.

2 Select one of the three following methods for sending **TrueType Fonts**:

- Download TrueType fonts as outline
- Download TrueType fonts as bitmap
- Substitute with Device fonts



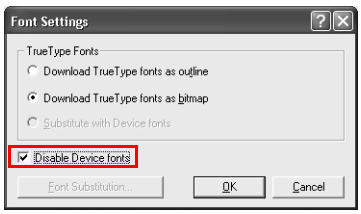
3 Click **OK** to save the **Font Settings**.

True Type Font Options	Descriptions
Download TrueType fonts as outline	Sends fonts to the printer system as outline fonts when using multiple fonts and font sizes. This option decreases the spooler size and can be combined with the **Disable Device fonts**. For further details, refer to the next item, **Disable Device fonts**.
Download TrueType fonts as bitmap	A small number of fonts and font sizes can be converted and sent to the printer as bitmaps. This option increases the spooler size and can be combined with the **Disable Device fonts**. For further details, refer to **Disable Device fonts** described below.
Substitute with Device fonts	Unsupported fonts are replaced with built-in fonts by the printer without altering the document. For further details, refer to the next item, Selecting Fonts for Substitution.

Disable Device fonts

1 Even if you send the TrueType fonts to the printer as outline fonts or bitmap images, for common fonts, the printer substitutes fonts resident on the printer in certain cases.

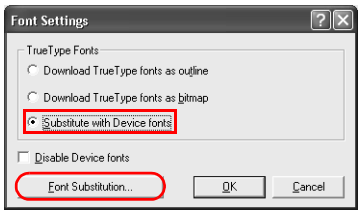
2 In the **Font Settings** dialog box, enable the **Disable Device fonts** check box to prevent any substitution of TrueType fonts with built-in printer fonts.

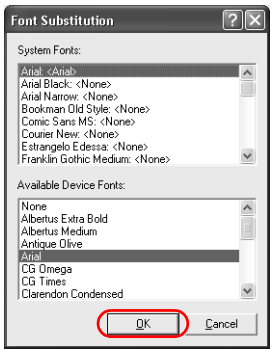


Selecting Fonts for Substitution

Options	Descriptions
Font Substitution...	Determines the fonts that are substituted by the printer.
Substitute with Device fonts	Determines which printer fonts are used as substitutions. Select **Substitute with Device fonts** to activate **Font Substitution**.
Available Device Fonts	Displays the available fonts in the **Font Substitution** dialog box. The fonts installed on your computer are listed in the System Fonts, and the printer fonts are listed in **Available Device Fonts**.

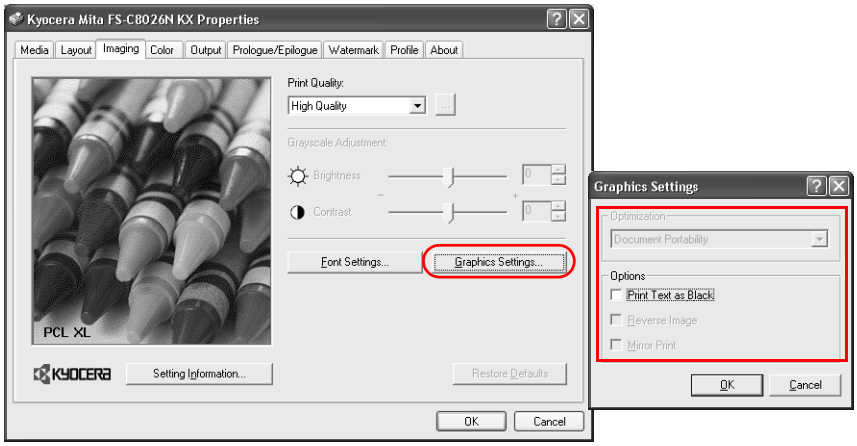
1 Select your preference for substitution from the **Available Device Fonts** for each system font, and then click **OK**.





Advanced Graphic Settings -- PCL

1 On the **Imaging** tab, click **Graphics Settings...**. The **Graphics Settings** dialog box appears.



2 Determine the **Options** settings. Refer to the options and descriptions below.

Options	Descriptions
Print Text as Black	Prints color and gray characters in black. There is no effect on white text, color images, or graphics.
Print Graphics as Black (monochrome printers only)	Prints color graphics and text in black, without using grayscales. There is no effect on images or photographs using the following formats: ***.bmp:** bitmap ***.jpg:** joint photographic experts group ***.psd:** portable scheme debugger ***.tiff:** tagged image file format This function is enabled in Computer Aided Design (CAD) applications only.
Mirror Print (Color Printers Only)	Prints a mirror image of the page, with right and left reversed. Produces a mirror-like effect.

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

Detailed Graphics Settings -- KPDL

1 Click **Graphics Settings...**. The **Graphics Settings** dialog box appears.
2 Select the send method for images using the **Optimization** option.

3 Click the **Optimization** list and select **Fast Printing** or **Document Portability**. Refer to the options and descriptions below.

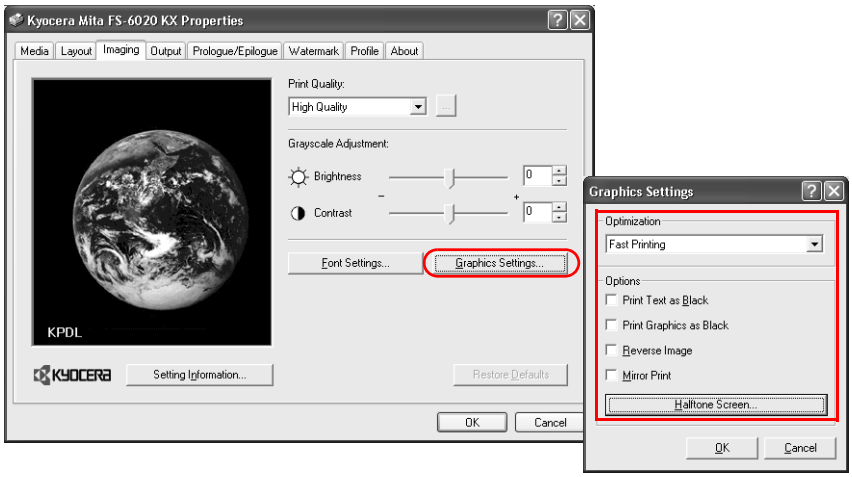


Image Data Format Options	Descriptions
Fast Printing	(Recommended) Delivers image data in binary format. You can reduce the amount of spooler data and raise printing speed.
Document Portability	Delivers image data in ASCII (7 bit) format.

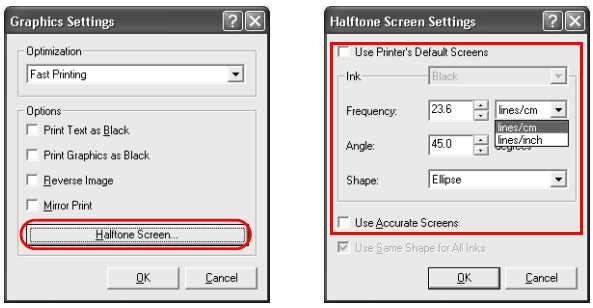
4 Determine the **Options** settings. Refer to the options and descriptions below.

Options	Descriptions
Print Text as Black	Prints color and gray characters in black. There is no effect on white text, color images, or graphics.
Print Graphics as Black (monochrome printers only)	Prints colored graphics or text in black, without using grayscales. There is no effect on images or photographs (*.bmp, *.jpg, *.psd, *.tiff). This function is enabled in CAD applications only.
Reverse Image	Outputs a reversed black and white negative effect.
Mirror Print	Prints a mirror image of the page, with right and left reversed. Produces a mirror-like effect.
Halftone Screen (monochrome printers only)	By disabling **GDI compatible mode** check box in the **PDL Settings**, you can enable the **halftone screen** settings. You can adjust the dithering process by changing the number of dot lines, angle, and dot shapes. Images are divided into dots. As the number of the dot lines increases and the interval between the dots grows smaller, the image is printed more distinctly. As the number is reduced and the interval between the dots is increased the image is printed more coarsely. For further details, refer to the next item, Half Tone Screen Settings on page 78.

5 Click **OK** to save your settings.

Half Tone Screen Settings

1 Click **Halftone Screen...** on the **Graphics Settings** dialog box. The **Halftone Screen Settings** dialog box appears.



2 Clear the **Use Printer's Default Screens** check box.

3 Select from the list for each item, or enter values into the boxes to make settings. Refer to the options and descriptions listed below.

Options	Descriptions
Ink	Determines the color used for the printed output.
Frequency	Set the number of lines and units for halftone dots. The units are **lines/cm** or **lines/inch**. Enter a value in the **Frequency** box, and select the units from the list to the right.
Angle	Determines the halftone dot angle. The setting can range from 0.0 to 180.0 degrees.
Shape	Set the dot shape for halftones. Choose from: **Ellipse**, **Round**, and **Line**.
Use Accurate Screens	Fine adjusts the set values to ensure an accurate number of lines and halftone angle.

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

Adjusting Color

You can adjust attributes of text and graphics for your color printouts.

Color Mode

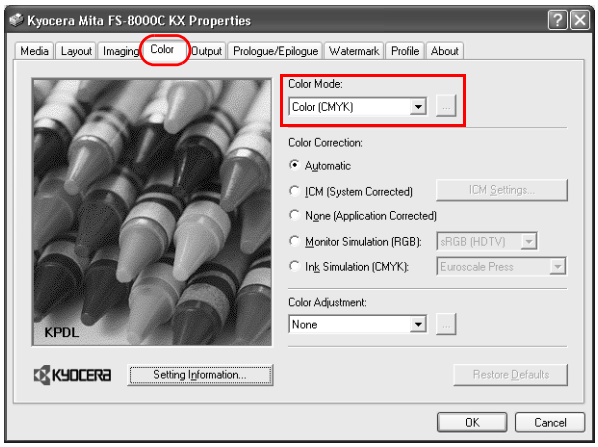
You can switch between printing in **Color (CMYK)** and **Monochrome** modes. Specifying Custom mode allows you to select the desired effects including **Gray Component Replacement**, **Continuous Tone**, **Gloss Mode**, and **Monochrome**. Refer to **Color Mode Definitions** table below.

To adjust color settings:

1 From the **Print** dialog box of the application, access the printer **Properties.** Select **Properties** in the **Print** dialog box opened from the **File** menu.

2 In the **Properties** dialog box, click the **Color** tab.

3 Click the **Color Mode** list, and make a selection. For further details, refer to the table below.



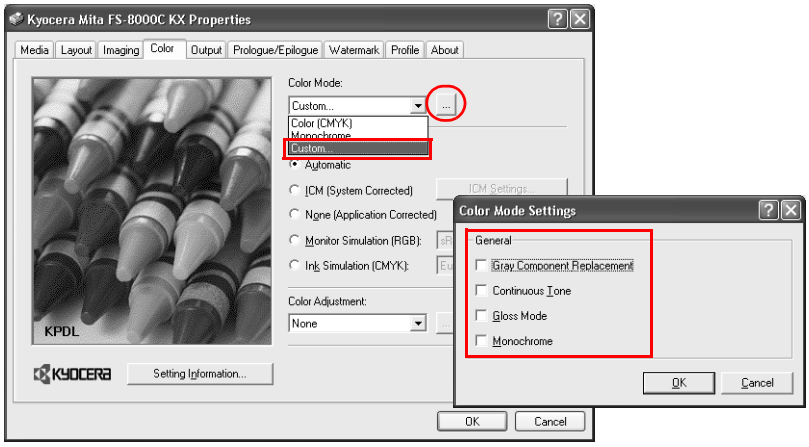
Color Mode Settings Options	Descriptions
Color (CMYK)	Uses the four toner colors to print text and graphics in full color.
Monochrome	Uses only the black toner for black-and-white printing.
Custom	Opens the **Color Mode Settings** dialog box. You can adjust the settings for gray component replacement, continuous tone, glossy mode, and monochrome mode. For further details, refer to **Color Mode Definitions**.

Color Mode Definitions

If you specify **Custom** as the **Color Mode** in the proceeding step, you can make the Custom settings. Detailed settings are available for **Gray Component Replacement, Continuous Tone, Gloss Mode,** and **Monochrome** options and descriptions shown below.

1 For the **Color Mode**, select **Custom**.
2 Click **[...]** next to **Color Mode** list to display the **Color Mode Settings** dialog box.

3 Select the check box for your preferred settings.



Color Mode Setting Item Options	Descriptions
Gray Component Replacement	Instead of deriving a black color by mixing CMY toners, the black toner is used. This conserves CMY toners and improves the quality of black printing.
Continuous Tone	Pixels are printed in multiple layers. This mode is best for printing photographs.
Gloss Mode	Enhances the luster of printing. Gloss Mode is not supported for duplex printing.
Monochrome	Converts color data to grayscale for printing. This function can be used for a preview before printing in color mode. **Gray Component Replacement and Continuos Tone cannot be used with the monochrome mode.**

4 Click **OK**.

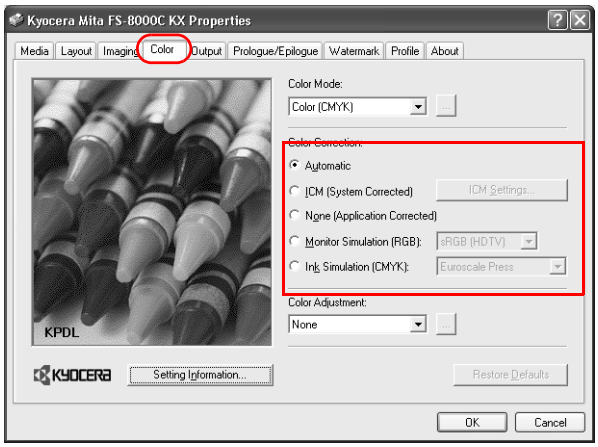
Color Correction

Color Matching is used for greater consistency in color reproduction among various devices. It works by compensating for the different color spaces of color printers. A set of parameters called a profile is selected and applied.

The KX printer driver offers a variety of profiles for each simulation of **ICM**, **Monitor** and **Ink**. Color matching options are described below.

1 In the **Properties** dialog box, click the **Color** tab.

2 Select for your preferred settings.



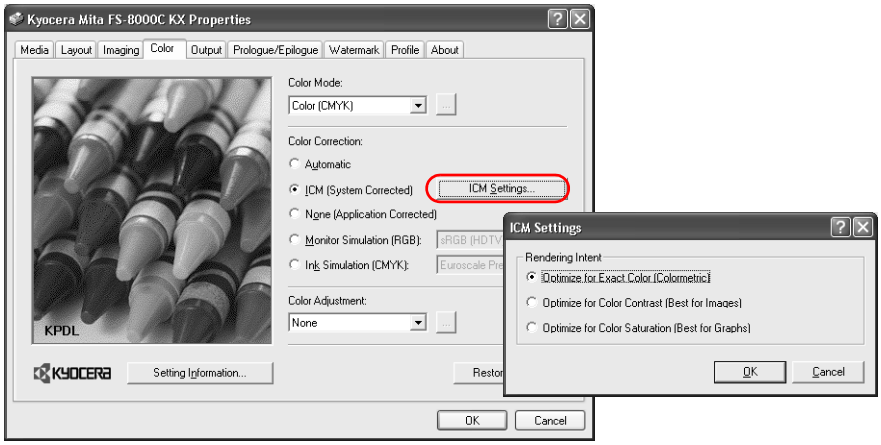
Color Correction Options	Descriptions
Automatic	Color matching is performed based on default color settings. For details, refer to Color Reproduction Settings on page 82.
ICM (System Corrected)	Specifies how the color is processed in the print job in order to match the original as much as possible. Image Color Management (ICM) technology relies upon associating an output device like a printer with a Color Profile. An ICM Profile for a printer contains information about rendering accurate color information for that device. For further details about making these settings, refer to the next section, ICM Settings. ICM is available in Windows 2000/XP only.
None (Application Corrected)	Color matching is only performed by the application.
Monitor Simulation (RGB)	Reproduces the colors in simulation with those displayed on the monitor in RGB mode. **sRGB (HDTV):** RGB color matching based on HDTV standards.
Ink Simulation (CMYK)	Select **Ink Simulation** to display the list. Specifies color matching based on CMYK inks. This option requires that the PDL be set to KPDL. For further details, refer to Page Description Language (PDL) Settings on page 36. **Euroscale Press:** Simulation based on European offset printing standards. **SWOP Press**: Simulation based on American offset printing standards.
Color Reproduction	If **Automatic** is set for **Color Correction**, **Color Reproduction** settings can be made. Objects within the document being printed are separated into three types; images, text, and graphs. The **Color Reproduction** mode is matched for each. Reproduction can be closer to the original and more vivid than the colors displayed on the monitor. For further details about making these settings, refer to Color Reproduction Settings on page 82.

ICM Settings

You can select an appropriate color reproduction method that agrees with the contents of the print data.

1 Select **ICM** to display **ICM Settings...** .

2 Choose from the Rendering Intent options listed in the table below.



ICM Setting Options	Descriptions
Optimize for Exact Color (Colormetric)	Utilizes the same color is needed in all print jobs, such as business logos.
Optimize for Color Contrast (Best for Images)	Utilizes images or scanned photographs containing many colors or shades of color.
Optimize for Color Saturation (Best for Graphs)	Utilizes graphs or charts containing solid colors.

3 Click **OK** to save the **ICM Settings**.

NOTE

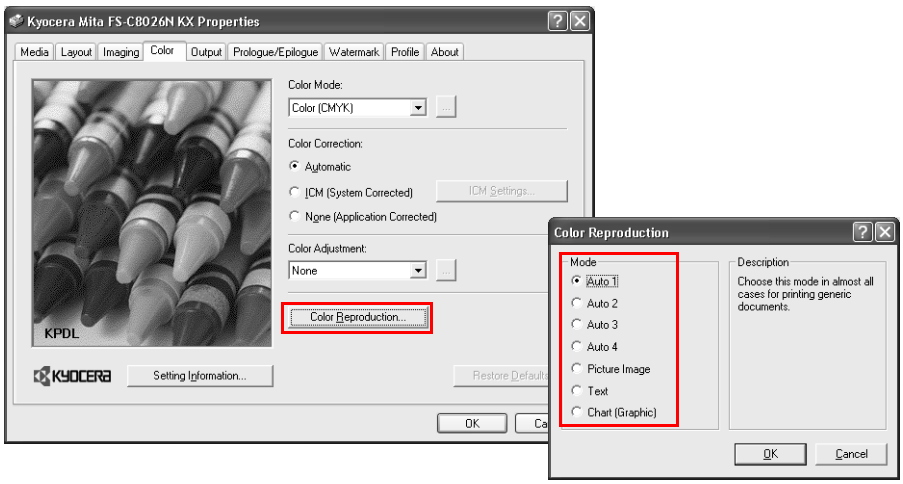
To make this function effective, set the Color Profile as the default on the Color Management tab.

Color Reproduction Settings

Objects within the document being printed are separated into three types, images, text, and graphs, and the **Color Reproduction** mode is matched for each.

1 Select **Automatic** in the **Color Correction** area, then click **Color Reproduction**.

2 The **Color Reproduction** dialog box appears. Select one of the items under **Mode**. Click **OK** to save the color reproduction settings.



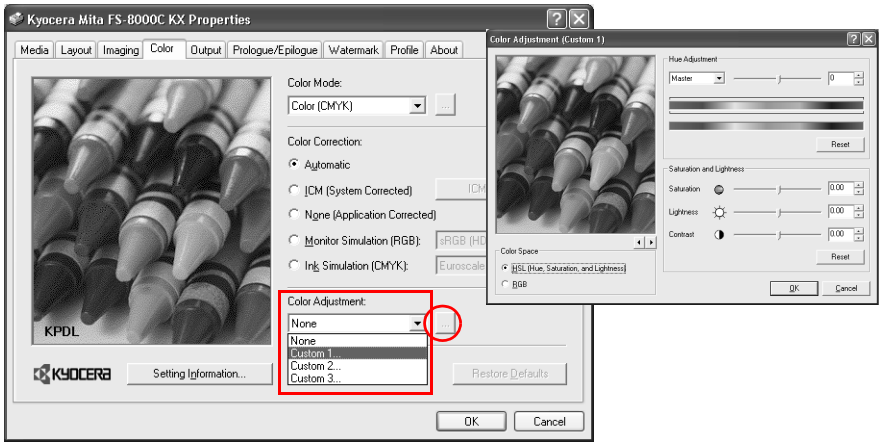
Mode Options	Descriptions
Auto 1	This is the most commonly used standard mode.
Auto 2	• Text and graphs are printed in black. • Images are printed in colors close to those used in the monitor display. • Text and graphics are printed in vivid colors.
Auto 3	• Text and graphs are printed in black using four color toners (CMYK). • Images are printed in colors close to those used in the monitor display. • Text and graphics are printed in vivid colors.
Auto 4	• Images and graphs are printed in colors close to those used in the monitor display. • Text and graphics are printed in vivid colors.
Picture Image	Images, text, and graphs are printed in colors that are close to those shown on the monitor. This is the best mode for printing photographs.
Text	Print all objects written in black using black toner only. All objects are printed in vivid colors.
Chart (Graphics)	Print all objects, including those written in black, using four color toners (CMYK). All objects are printed in vivid colors.

Color Adjustment Settings -- HSL

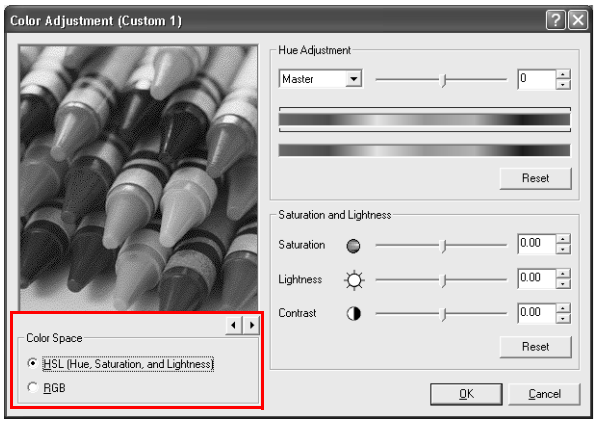
You can save the three **Color Adjustment** settings as a Custom selection. The setting options and saving instructions are described below.

1 From the **Color Adjustment** list, choose **Custom 1**, **Custom 2**, or **Custom 3**.

2 Click **[...]** next to the list to display the **Color Adjustment** dialog box.



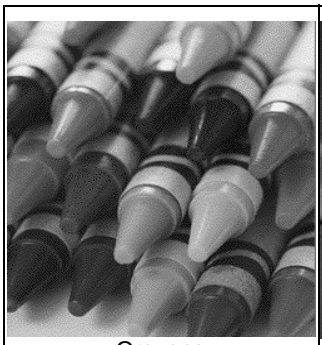
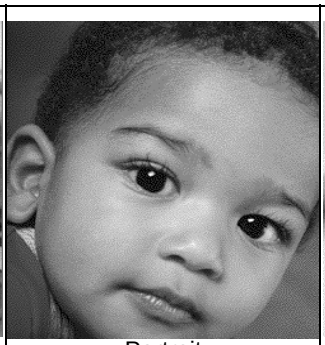
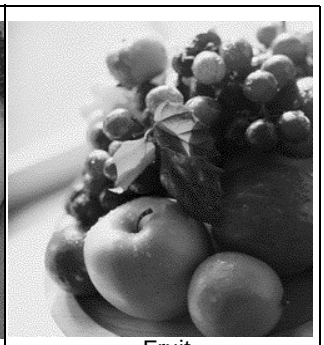
3 In the **Color Space** area, select **HSL (Hue, Saturation, Lightness)**.



Color Space Option	Description
HSL (Hue, Saturation, and Lightness)	Offers adjustment of hue, color intensity, brightness, and contrast.

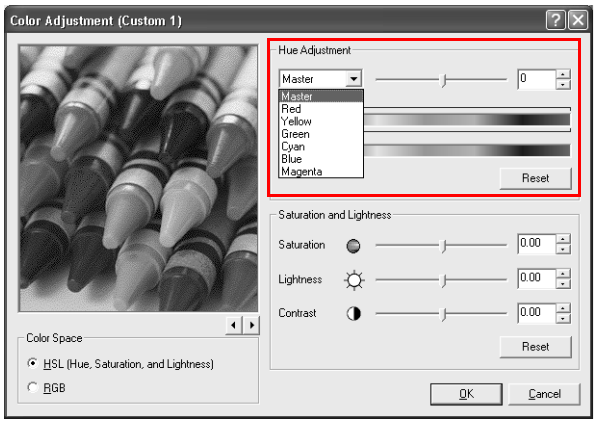
4 By clicking the buttons beneath the photograph, you can select from three different photographic images.

5 Since the colors emphasized by each of the photographs are different, this simplifies the color adjustment process.

		
Crayons Saturation or RGB adjustment	Portrait Skin tone and mid-tone adjustment	Fruit Hue adjustment

6 Complete the **Hue Adjustment**. Adjust the distribution and balance of hues.

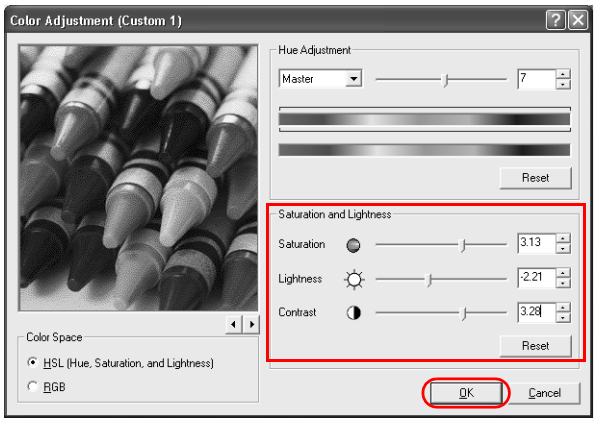
- **Coordinated Hue Adjustment**: Select **Master** from the **Hue Adjustment** list. Drag the slider to the right or left to increase or decrease the value between -180 and +180.
- **Specific Hue Adjustment**: Select **Red, Yellow, Green, Cyan, Blue,** or **Magenta** from the **Hue Adjustment** list. Or drag the slider to the right or left to increase or decrease the values between -10 and +10.
- Default settings: Click **Reset** to return to the original factory default settings.



7 Adjust the **Saturation** and **Lightness**.

- Drag the slider to adjust the **Saturation, Lightness, and Contrast**, or increase or decrease the values between -10 and +10.
- Click **Reset** to return to the original factory default settings.

8 Click **OK**.



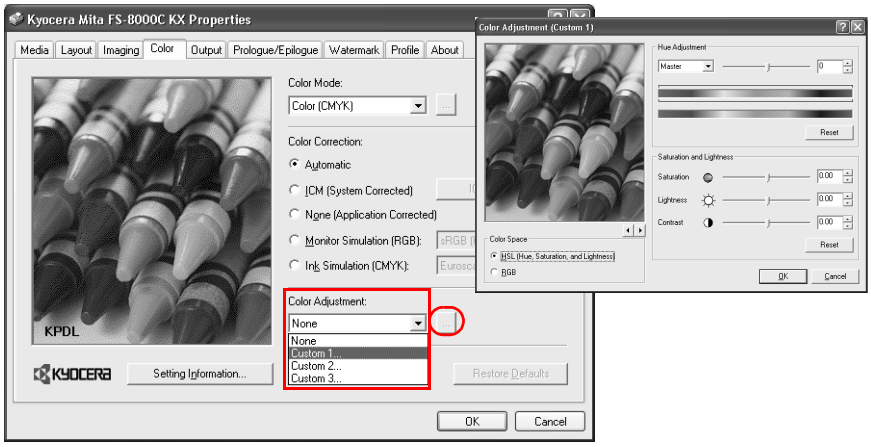
9 Click **OK** to save the settings.

Color Adjustment Settings -- RGB

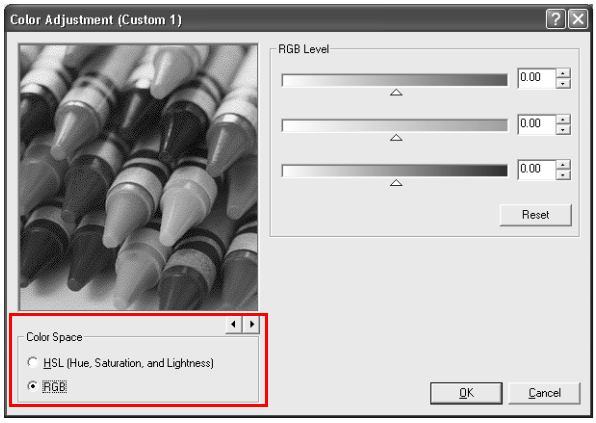
You can save the three **Color Adjustment** settings as **Custom** selections. The setting options and saving instructions are described below.

1 From the **Color Adjustment** list, choose **Custom 1**, **Custom 2**, or **Custom 3**.

2 Click **[...]** next to the list to display the **Color Adjustment** dialog box.



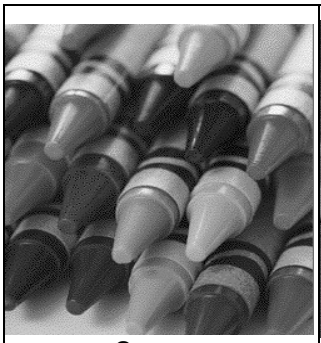
3 In **Color Space**, select **RGB** mode.



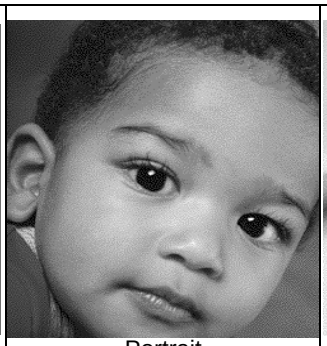
Color Space Option	Description
RGB	Adjusts using red, green, and blue levels.

4 By clicking the buttons beneath the photograph, you can select from three different photographic images.

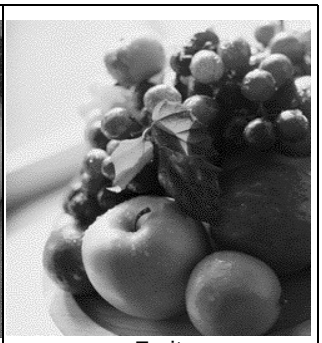
5 The color adjustment process is simplified since the colors emphasized by each of the photographs below varies.



Crayons
Saturation or RGB Adjustment



Portrait
Skin tone and mid-tone Adjustment

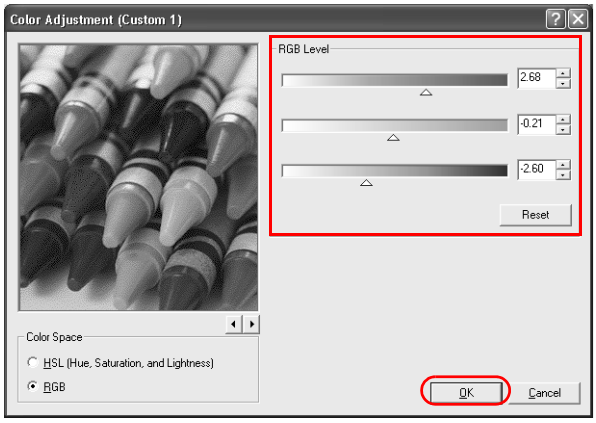


Fruit
Hue Adjustment

6 Adjust the **RGB Level**.

- You can modify the levels of red, green, and blue based on the monitor settings.
- Drag each slider of the RGB setting, or increase or decrease the values between -10 and +10 in the box.
- Click **Reset** to restore the original default settings.

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



8 Click **OK**.

Chapter 4 Using Optional Equipment

This section describes useful functions of the printer driver.

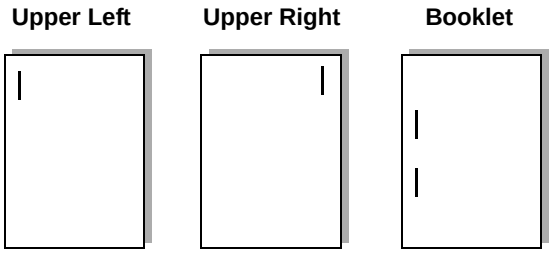
NOTE *The properties boxes described here may differ from those for your printer.*

Staple

The Staple feature is available on printers with an optional finisher installed. If a booklet stitcher unit is installed, the Booklet Printing feature is available. For further details, refer to Booklet Printing on page 102.

After installation, optional equipment must be selected by the printer driver (device settings). For further details, refer to Installing Optional Devices on page 30.

Printed documents can be stapled in the positions shown below.



NOTE ***Staple*** *and* ***Offset*** *features cannot be used simultaneously.*

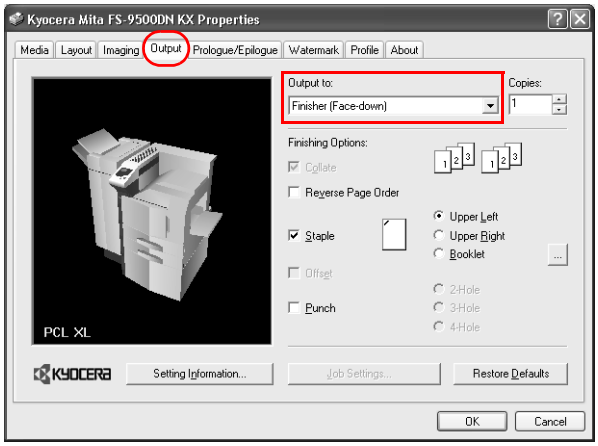
Using the Stapler

NOTE *When the paper size is* ***A4***, ***B5***, *or* ***Letter***, *the* ***Orientation*** *must be set to* ***Rotated*** *in order to staple the* ***upper-right*** *corner. For further details, see the explanation on page 50 in step 8 in the Basic Printing Tasks section.*

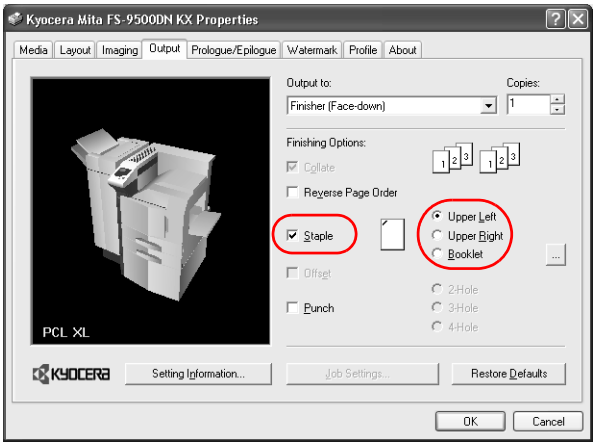
To set stapler settings:

1 From the application's **Print** dialog box, access **Properties**. (Select **Print** from the **File** menu and select **Properties**).

2 On the **Output** tab, select **Finisher (Face-down)** from the **Output to** list.



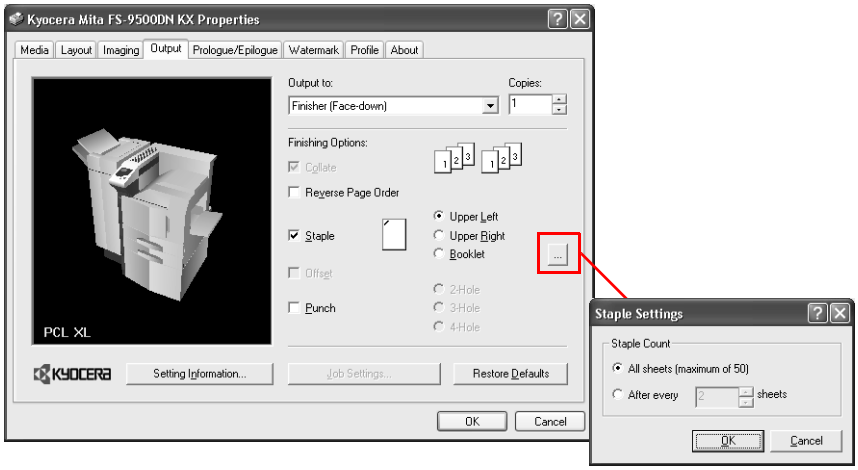
3 Select the **Staple** check box in the **Finishing Options** area. Select one of the following as the stapling position: **Upper Left**, **Upper Right**, or **Booklet**.



4 Click **[...]** on the right of the stapling position. The **Staple Settings** dialog box appears. Specify the number of pages to staple by adjusting the arrows in the **Staple Count** area.

- **All Sheets (maximum of 50):** Staples and outputs all pages of documents that have 50 pages or less. If the document being printed has 51 or more pages, it cannot be stapled. For example, If the document being printed has 58 pages, it cannot be stapled.
- **After every sheet(s):** Parameter separates documents into sets with a specific number of pages, then staples and outputs them. You can designate from 2 to 50 pages in each stapled set. Even if there are fewer than the specified number of pages, the document will be stapled. For example, if stapling has been specified for every 50 pages and a

document is printed that has a total of 58 pages, the print job will be split into two separate stapled sets of 50 and 8 pages.

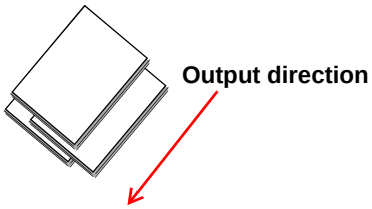


5 Click **OK** to return to the **Print** dialog box, and click **OK** to start printing.

6 The final printed document is stapled by the finisher and delivered to the output tray. For further details about stapler specifications, refer to your supplied finisher Operation Guide.

Offset

The **Offset** stacks each printed document by shifting from right to left as it is delivered to the output tray.



Offset is available on printers with a supported finisher (optional) installed.

After installation, optional equipment must be recognized by the printer driver (device settings). For further details, refer to Installing Optional Devices on page 30.

NOTE

***Offset** and **Staple** cannot be used simultaneously.*

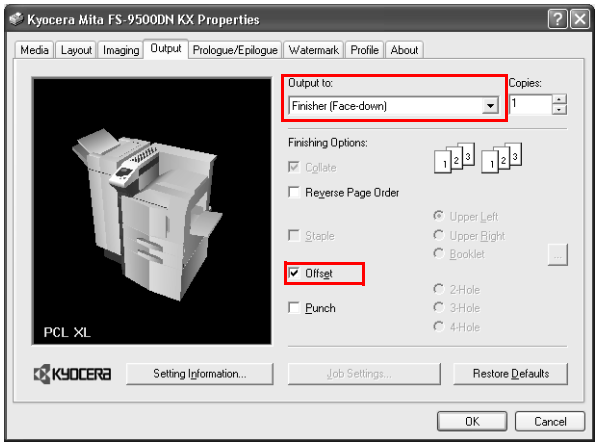
Using the Offset

1 From the application's **Print** dialog box, specify the number of copies of the document to be printed.

2 Click **Properties** in the **Print** dialog box. The **Properties dialog box appears**.

3 Click the **Output** tab in the **Properties** dialog box.

4 Set either **Finisher (Face-down)** or **Finisher (Face-up)** as the output destination, then enable the **Offset** check box in the **Finishing Options** section.

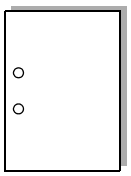


5 Click **OK** to return to the **Print** dialog box, and click **OK** to start printing.

After the first set is delivered, the second set will be delivered offset to the side. Then the printer delivers the third set in the same position as the first and the fourth set in the same position as the second.

Punch

The **Punch** feature inserts holes in each printed page.



The **Punch** feature is available on printers with supported optional finisher installed.

After installing the printer driver, optional equipment must be selected in the driver in order to use the punch option (device settings). For further details, refer to Installing Optional Devices on page 30.

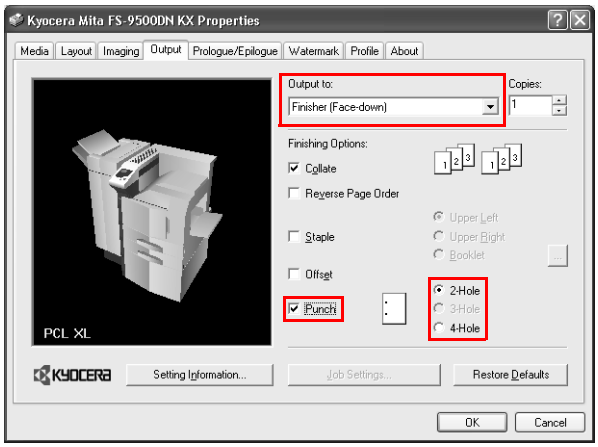
NOTE

***Punch** and **Booklet Printing** cannot be used simultaneously.*

Using the Punch

1 In the **Properties** dialog box, click the **Output** tab.
2 Select either **Finisher (Face-down)** or **Finisher (Face-up)** as Output destination.

3 Select the **Punch** check box in the **Finishing Options** section, and select the number of holes.



4 Click **OK** to return to the **Print** dialog box, and click **OK** to begin printing.

5 Holes are punched in each printed page.

Cover Mode, Page Insert, and Transparency Interleaving

This section describes the cover mode, page insert, and transparency interleaving features of the printer driver. When the Cover Mode, Page Insert, and Transparency Interleaving options are used with the multi-purpose tray, cassette mode (the default setting), must be set. For further details, refer to the print system's Operation Guide.

- **Cover Mode:** Adds a front or back cover to your document.
- **Page Insert:** Inserts blank or printed pages before pages in your document.
- **Transparency Interleaving:** Inserts a blank or printed page between each transparency.

Printing with Covers

For your document's front cover or front and back covers, you can insert and print on paper that is a different weight or color than the paper for the body of the document. You can also specify cover printing when completing booklet printing settings. The paper used for printing the document body is specified in the **Media** settings of the **Properties** dialog box. The source of the cover paper is specified by adjusting settings in the **Advanced Media Settings** dialog box. You can also print on the covers.

A duplexer must be connected in order to print using the Front Inside or Back Outside. You must also specify **Print on Both Sides (Duplex)** on the **Layout** tab.

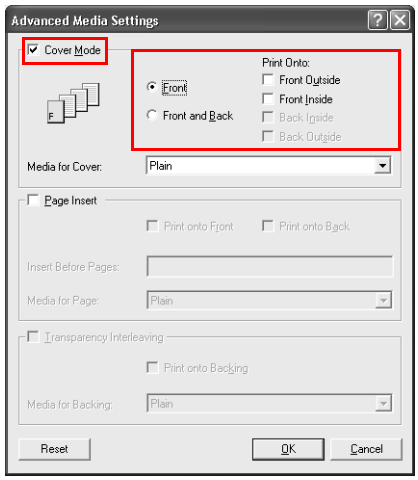
Although the **Cover Mode** and **Page Insert** may be used simultaneously, they cannot be used with the **Transparency Interleaving** option.

For further details on printing with covers in the booklet printing settings, refer to Booklet Printing on page 102.

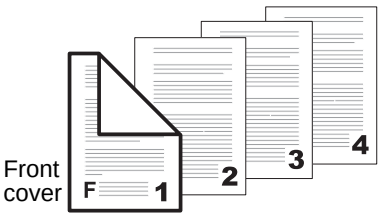
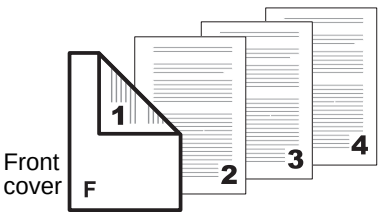
1 From the application's **Print** dialog box, access the printer **Properties**. Select **Print** from the **File** menu and select **Properties**.

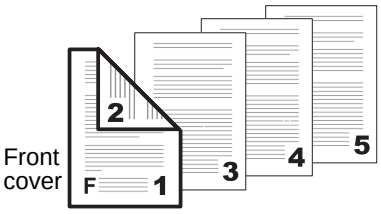
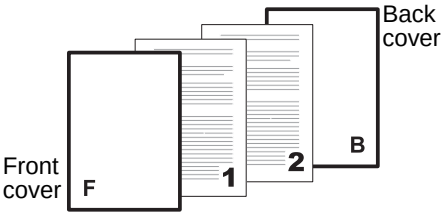
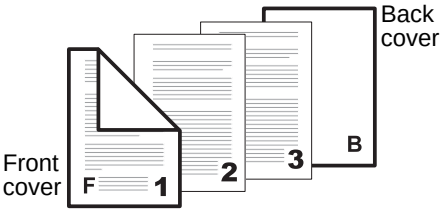
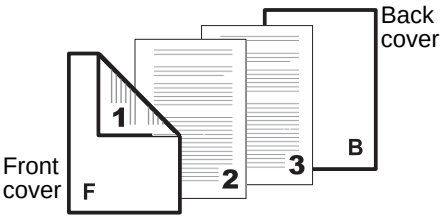
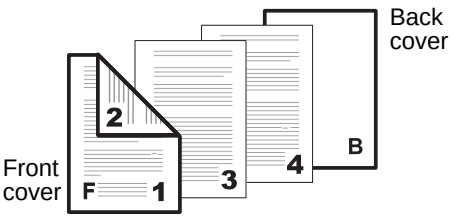
2 In the **Properties** dialog box, click the **Media** tab, and then click **Advanced....**

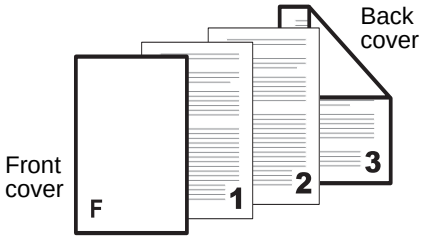
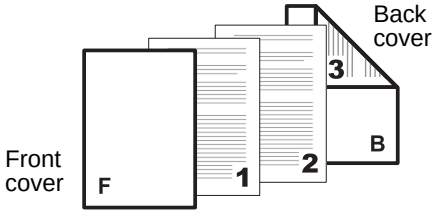
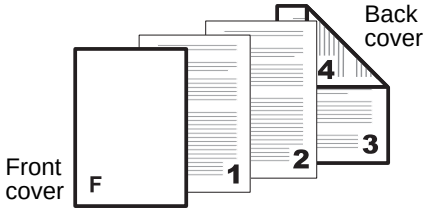
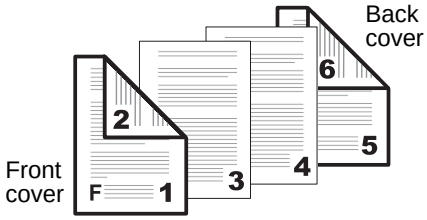
3 Select the **Cover Mode** check box. Select your desired page arrangement as shown in the following table.



Cover Printing Options

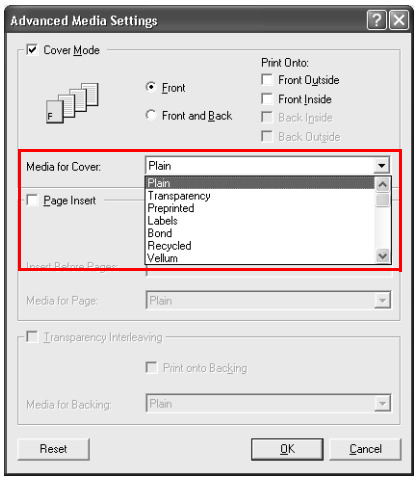
Check Box Selection	Cover Insertion Type
⦿**Front**	• **Inserts a blank front cover.**
⦿**Front** ☑**Front Outside**	• **Prints on the outside surface of the front cover.** 
⦿**Front** ☑**Front Inside** **Duplex Printing (page 50).**	• **Prints on the inside surface of the front cover.** 

Check Box Selection	Cover Insertion Type
⊙Front ☑Print Onto Front Outside ☑Print Onto Front Inside Duplex Printing (page 50).	• Prints on the outside and inside surfaces of the front cover. 
⊙Front and Back	• Inserts blank front and back covers. 
⊙Front and Back ☑Front Outside	• Prints on the outside surface of the front cover and inserts a blank back cover. 
⊙Front and Back ☑Front Inside Duplex Printing (page 50).	• Prints on the inside surface of the front cover and inserts a blank back cover. 
⊙Front and Back ☑Front Outside ☑Front Inside Duplex Printing (page 50).	• Prints on both sides of the front cover and inserts a blank back cover. 

Check Box Selection	Cover Insertion Type
⊙Front and Back ☑Back Inside	• Inserts blank front and back covers. 
⊙Front and Back ☑Back Outside Duplex Printing (page 50).	• Prints on the outside surface of the front cover and inserts a blank back cover. 
⊙Front and Back ☑Back Inside ☑Back Outside Duplex Printing (page 50).	• Prints on the inside surface of the front cover and inserts a blank back cover. 
⊙Front and Back ☑Front Outside ☑Front Inside ☑Back Inside ☑Back Outside Duplex Printing (page 50).	• Prints on both sides of the front cover and inserts a blank back cover. 

To edit cover printing options:

1 From the **Media for Cover** list, select the media type or source cassette for the front and back covers. When you choose the media type, a source cassette matching that media is automatically selected.



Heavy, thin, or other special papers must be supplied from the multi-purpose tray.

NOTE *Media type selections are not supported for the following models: KM-1510, KM-1530, KM-1810, KM-4230, KM-5230, and KM-6230.*

2 Click **OK** to return to the **Media** dialog box.
3 Load the paper for the front and back cover in the paper cassette selected in step 1.
4 Click **OK** to return to the **Print** dialog box
5 Click **OK** to start printing.

Page Insert

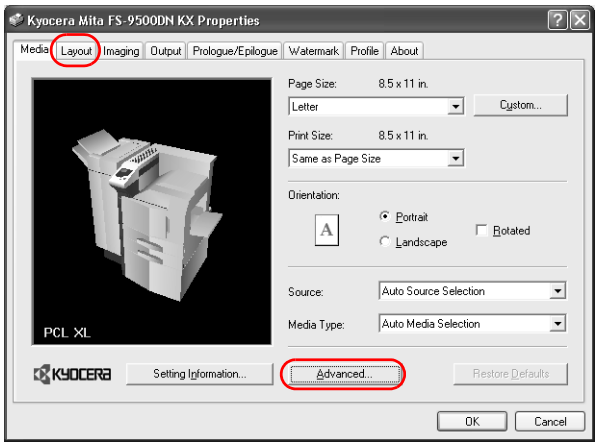
You can insert a preprinted page or a page of a different paper type before a designated page. You can also print on the inserted paper. If a duplex unit is installed, you can also print on the reverse of the inserted paper.

Although the **Page Insert** and **Cover mode** may be used simultaneously, they cannot be combined with the **Transparency Interleaving** described in Transparency Interleaving on page 100.

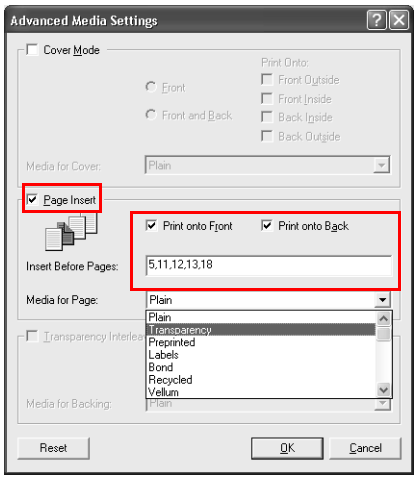
Insert Page Printing

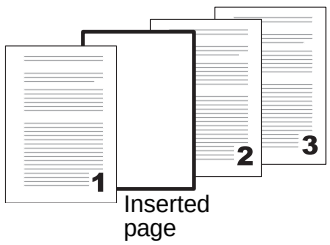
1 From the application's **Print** dialog box, access the printer **Properties**. (Select **Print** from the **File** menu and select **Properties**).

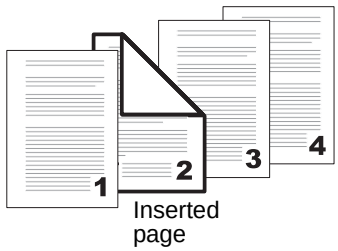
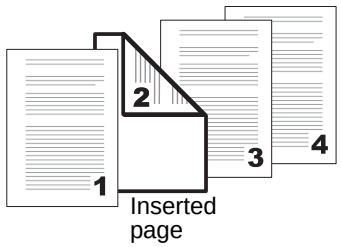
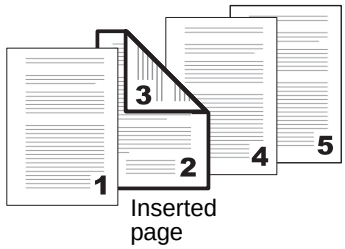
2 In the **Properties** dialog box, click the **Media** tab, and then click **Advanced...**.



3 Select the **Page Insert** check box. Select the check box corresponding to your desired page arrangement as shown in the following table. To print on both the front and back of the inserted page, enable the **Print onto Front** and **Print onto Back** check boxes.



Check Box Options	Printing Inserted Pages Descriptions
☑**Page Insert**	• **Inserts a blank page before the second page.** 

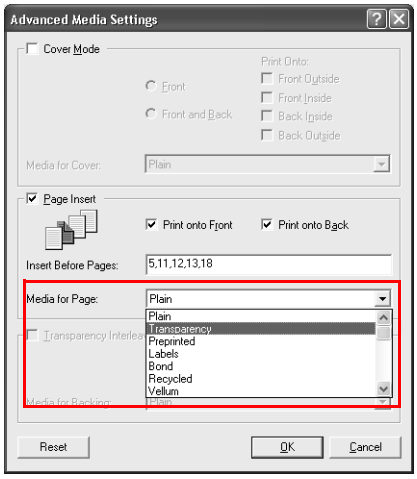
Check Box Options	Printing Inserted Pages Descriptions
☑Page Insert ☑Print onto Front	• Prints on the outside surface of the inserted page. 
☑Page Insert ☑Print onto Back Duplex Printing (page 50).	• Prints on the inside surface of the inserted page. 
☑Page Insert ☑Print onto Front ☑Print onto Back Duplex Printing (page 50).	• Prints on both sides of the inserted page. 

Combinations

To adjust media combination settings:

1. Enter the page number to insert. A page will be inserted between the page number you entered and the page before it. You can designate for pages to be inserted starting from page 2 and ending on page 255.
2. To designate several pages in the document for insertion, enter a comma (,) to separate them. For a series of insertions in a range of pages, use a hyphen (-). For example, to insert a page before pages 5, 11, 12, 13, and 18, enter [**5,11-13,18**].
3. From the **Media for Page** list, select the media type of the inserted page or the source paper cassette.

4 When you choose the media type, a source cassette that matches that media is automatically selected. Heavy, thin, or other special papers must be supplied from the multi-purpose tray.



5 Click **OK** to return to the **Media** dialog box.
6 Click **OK** to return to the **Print** dialog box.
7 Load the paper for insertion in the paper cassette.
8 Click **OK** and begin printing.

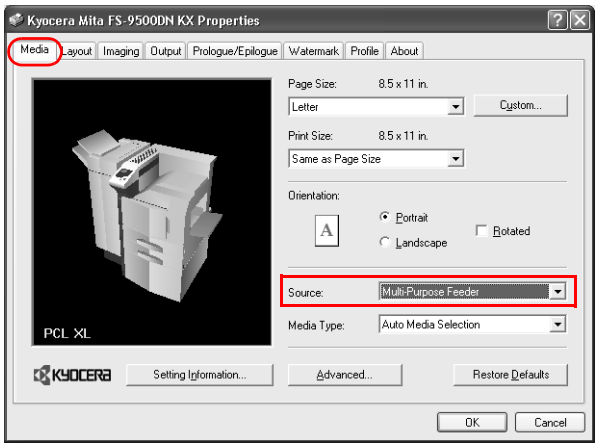
Transparency Interleaving

By inserting a page between each sheet of paper, you can avoid damaging the transparencies. This function is only available when printing transparencies supplied from the multi-purpose tray. On these inserted pages you can print the same content as for the transparencies.

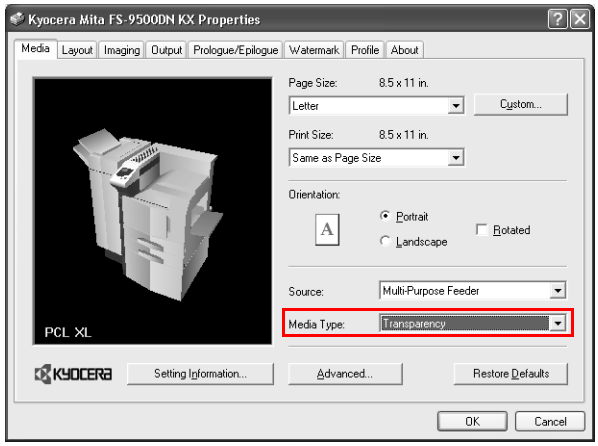
Transparency interleaving and Cover Mode or Page Insert cannot be used simultaneously.

Transparency Interleaving Method

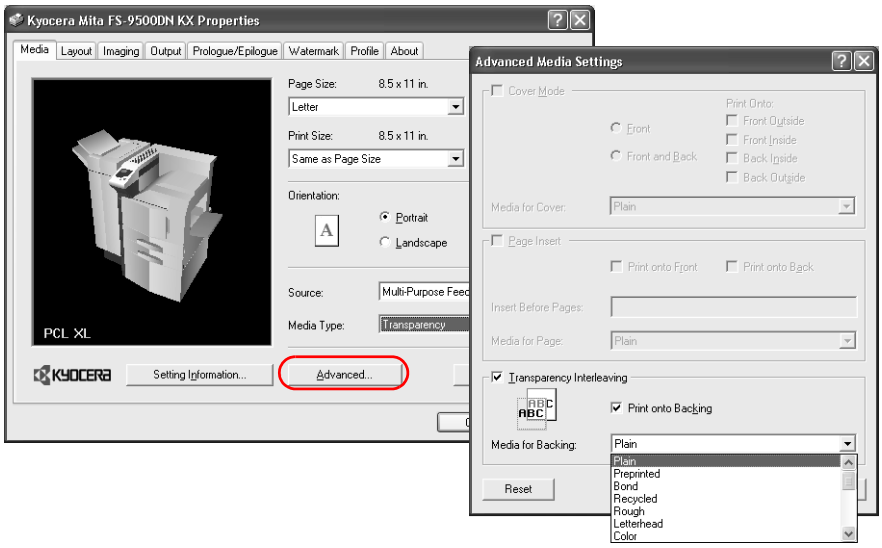
1 From the application's **Print** dialog box, access the printer **Properties**. Select **Print** from the **File** menu and select **Properties**.
2 From the **Source** list on the **Media** tab, select **Multi-Purpose Feeder**.



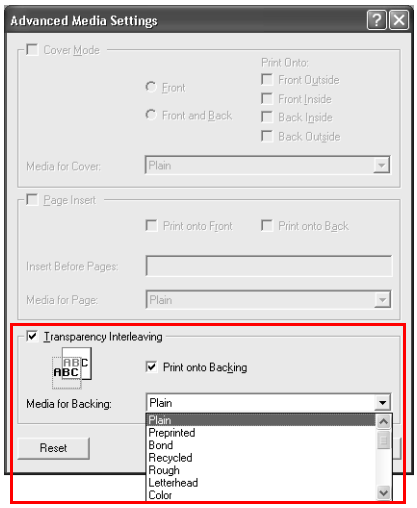
3 From the **Media Type** list, select **Transparency.**



4 Click **Advanced...** to access the **Advanced Media Settings** dialog box.



5 Select the **Transparency Interleaving** check box. To print the transparency content on the inserted pages as well, Select the **Print onto Backing** check box.



6 From the **Media for Backing** list, select the media type and the source paper cassette. When you choose the media type, the source cassette where that media is loaded will be automatically selected.

7 Click **OK** to return to the **Media** dialog box.

8 Click **OK** to return to the **Print** dialog box.

9 Load transparency into the multi-purpose tray.

10 Click **OK** and begin printing.

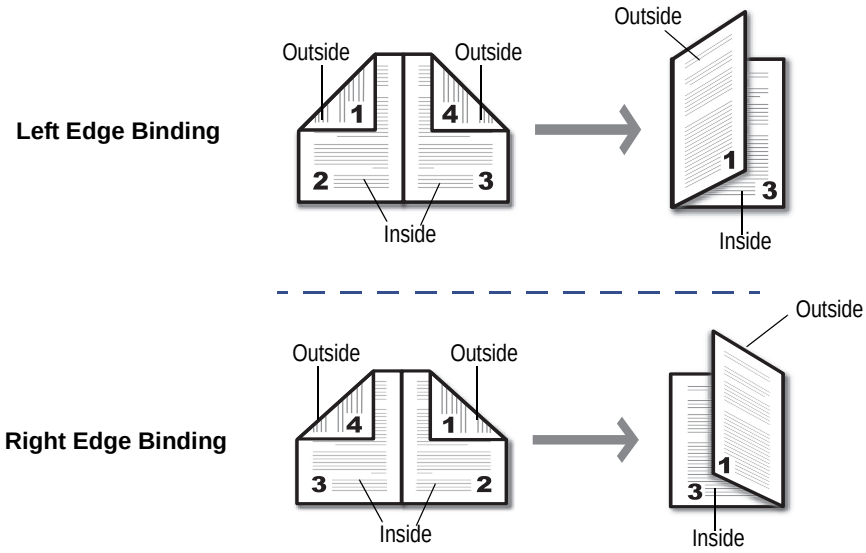
Booklet Printing

Using the Booklet Printing option, you can print a two-page layout on both sides of single sheet of paper, then bind it in the center. Booklet printing is available with printers equipped with duplexers. Stapling and binding requires optional document finishers. For further details on **Staple** settings, refer to Staple on page 89.

The supported paper sizes for Booklet Mode printing are A3, ledger, B4, A4, and letter size. The Booklet Printing can be combined with the **Cover Mode**. For further details, refer to Printing with Covers on page 93.

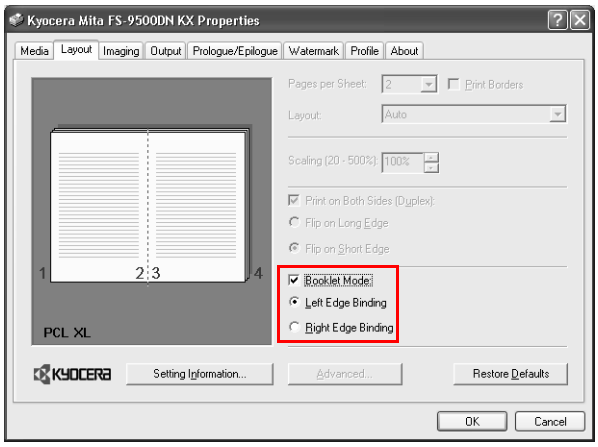
Left-Edge and Right-Edge Binding

Printing a four-page document as a booklet, for example, will result in automatic duplex printing shown below. You can choose between left-edge binding and right-edge binding.



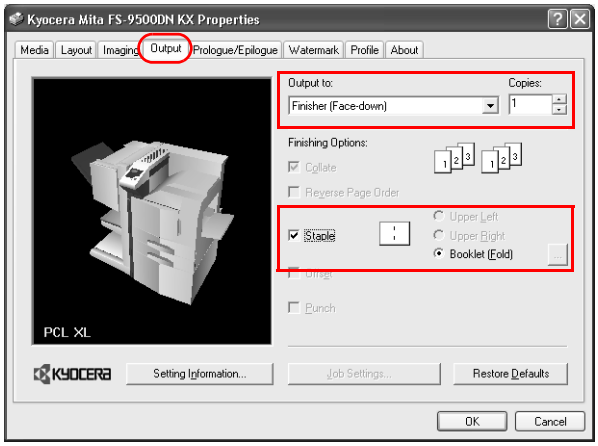
Using Booklet Printing

1. From the application's **Print** dialog box, access the printer **Properties**. (Select **Print** from the **File** menu and select **Properties**.)
2. Access the printer **Properties** and click the **Layout** tab.
3. Select the **Booklet Mode** check box. Choose either **Left Edge Binding** or **Right Edge Binding**.



4. Complete the following steps to utilize the stapling feature.

5 Click the **Output** tab, and set **Finisher (Face-down)** for **Output to**.



6 Select the number of copies you wish to print.

7 Select the **Staple** check box. **Booklet (Fold)** printing is selected automatically. Click **[...]** to the right of the list and set the number of sheets to staple together. The maximum number of sheets that can be stapled with booklet mode is 10 (40 pages). When printing documents that have more than 40 pages, the pages over 40 will be separated and printed in groups of 40 each.

8 Click **OK** to return to the **Print** dialog box.

9 Click **OK** to start printing.

Collating Modes

By attaching a sorter to your printer, you can specify how printed documents are stacked in the output trays after printing.

The number of output trays and their receiving capacity (the number of sheets) varies depending on the sorter model, refer to your sorter's Operation Guide.

Frequently, the application settings are given priority, causing a change in the sorter output method depending on the application. Verify these settings before printing your documents.

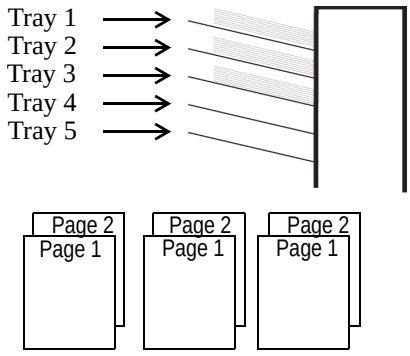
Sorter Modes

There are three sorter modes to choose from. These modes are selected on the printer driver **Output** tab:

- Collating mode
- Non-collating mode
- Mailbox mode

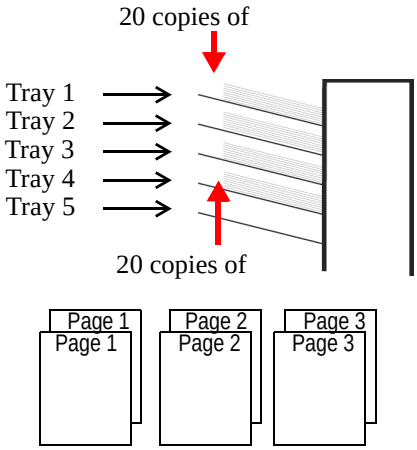
Sorter Mode Differences

Collating



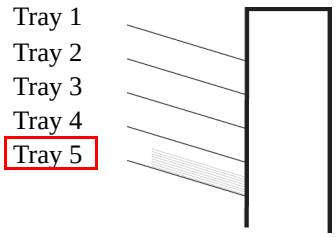
- Collating produces the specified number of copies as complete sets of documents in each tray.
- The document is printed following the page order and received in each tray. The number of document copies must not exceed the number of trays. If a tray becomes full, the printer pauses and displays a message to remove the paper from the tray. After the paper is removed, printing resumes for the remaining number of copies.
- This function requires a hard disk installed in the printer or a RAM Disk. For setup information, refer to RAM Disk Settings on page 33.

Non-collating



- Collating produces the specified number of copies but divides the document for output in each tray, with page 1 in tray 1, page 2 in tray 2, and so on. For example, printing 20 copies of a four page document using grouping produces 20 copies of page 1 in tray 1, 20 copies of page 2 in tray 2, and so on.
- The number of document copies must not exceed the sheet capacity of any tray. If a tray becomes full, the printer pauses and displays a message to remove the paper from the tray. In addition, the maximum document page length must not exceed the number of sorter trays. If a tray becomes full, the printer pauses and displays a message to remove the paper from the tray.

Mailbox

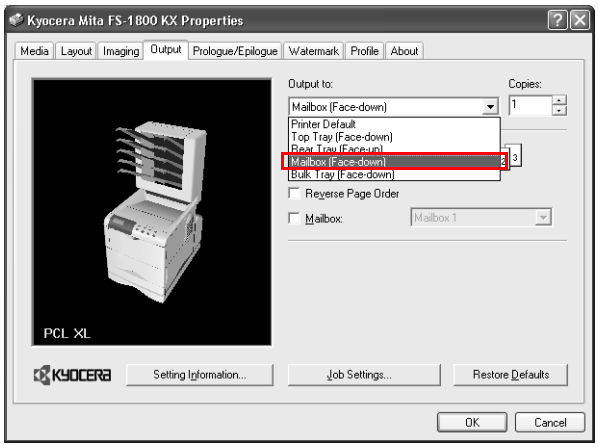


- The mailbox mode produces copies in specified user trays, which is useful when the printer is shared among different users. For example, specifying tray 5 produces a copy of the document in tray 5.
- If a tray becomes full, the printer pauses and displays a message to remove the paper from the tray.

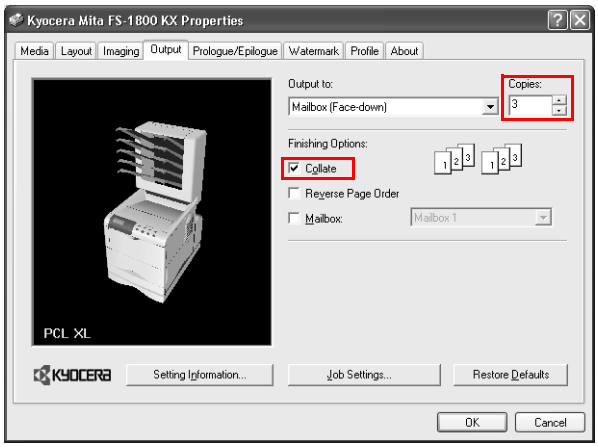
Collating

1 Access the **Properties** and click the **Output** tab.

2 From the **Output to** list, select **Mailbox Face-down**.



3 Select the **Collate** check box.



4 Select the number of complete sets in the **Copies** box. When printing using the collate option, specify the number of copies not to exceed the number of trays. The document page length must not exceed the tray capacity (for example, 200 sheets).

5 Click **OK** to return to the **Print** dialog box, and click **OK** to begin printing. The specified number of copies are produced in separate trays.

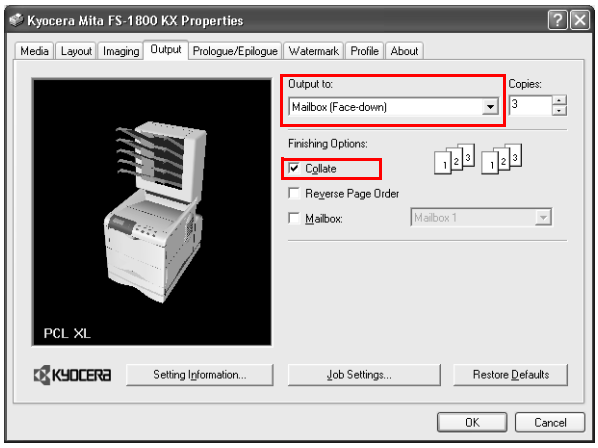
Non-Collating

Clearing the **Collate** check box produces page 1 in tray 1 and page 2 in tray 2.

1 Access the **Properties** and click the **Output** tab.

2 From the **Output to** list, select **Mailbox Face-down**.

3 Clear the **Collate** check box.

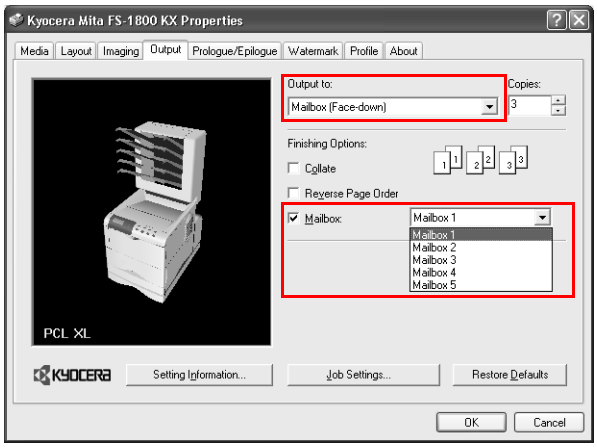


4 Click **OK** to return to the application's **Print** dialog box and begin printing. The specified number of copies of each page of the document are delivered to each tray.

Mailbox Mode

1 From the **Output to** list, select **Mailbox Face-down**.

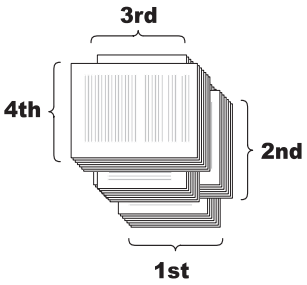
2 Select the **Mailbox** check box. Select the desired output tray to be used (for example **Mailbox 1)** from the list at right.



3 Click **OK** to return to the **Print** dialog box, and click **OK** to start printing. The document is delivered to the specified tray, (for example **Mailbox 1**).

Rotate Collate

The Rotate Collate stacks the sets produced in the top tray in alternating orientations.

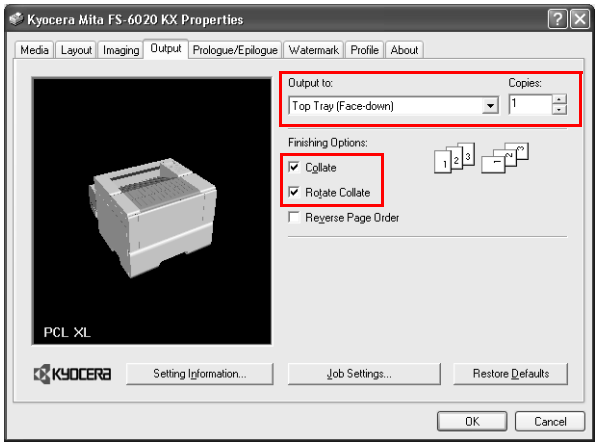


This function is available when printing using A4, B5, and letter size paper. During printing, the same size paper must be loaded into two separate paper cassettes. For example, Portrait (A4) and Landscape (A4-R) would be used when printing onto A4 paper. The MP tray can also be used as a paper source.

This function requires a hard disk installed in the printer or a RAM Disk. For further details on Hard Disk settings, refer to RAM Disk Settings on page 33.

Using Rotate Collate

1 Access the **Properties** and click the **Output** tab.
2 From the **Output to** list, select **Top Tray (Face-down)**.
3 Enter the number of sets to be output in the **Copies** box. The number of pages for all copies of the document being printed must not exceed the tray capacity.
4 Select the **Collate** and **Rotate Collate** check boxes.



5 Click **OK** to return to the **Print** dialog box, and click **OK** to start printing. The collated document sets are delivered in alternating horizontal and vertical orientation.

Job Settings

The Job Settings option is available when you install an optional hard disk or a RAM disk on the printer. For further details on hard disk installation and setup, refer to RAM Disk Settings on page 33. **Private print** and **Proof and Hold** can be used with a RAM Disk.

Job Settings offers a variety of functions as listed below.

Printer Driver Menu Options	Function	Job Deletion after Printing	Access Code	Panel Message (Category)	Default number of pages printed
Quick Copy	After printing a job, you can reprint it from the printer operator panel.	Saved until printer power is turned off	No	Menu> e-MPS >Quick Copy	Same as for original job (adjustable)
Proof and Hold	When you print multiple copies, the printer produces one copy for proofing and pauses. You can resume printing the remaining copies from the printer operator panel.	Saved until printer power is turned off	No	Menu> e-MPS >Quick Copy	One fewer than original job (adjustable)
Private Print	Saves print jobs (without printing them) for printing later using the printer operator panel. Printing with this function requires an access code.	Deleted after printing	Yes	Menu> e-MPS > Private/Stored	Same as for original job (adjustable)
Job Storage	This function is used for saving frequently used office forms to print later as needed. You can print the required number of copies later from the printer operator panel.	Saved until manually deleted	Optional	Menu> e-MPS > Private/Stored	1

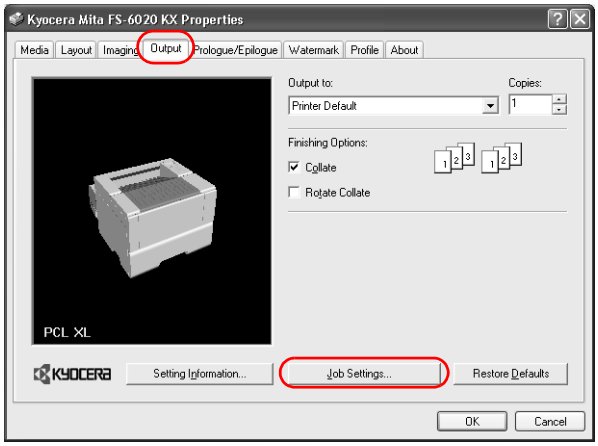
NOTE

- *Sometimes the application settings are given priority over the printer driver settings, causing a change in the output method.*
- *If you select one of the Job Settings options, the hard disk icon appears in the lower corner of the 3-D image.*

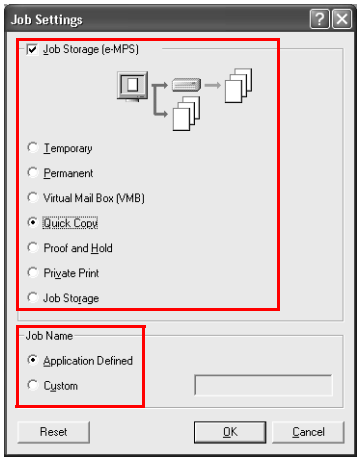
Quick Copy

After using the quick copy feature, a document can be reprinted from the operator panel.

1 In the **Properties** dialog box, click the **Output** tab, and then click **Job Settings**. The **Job Settings** dialog box appears.



2 In the **Job Settings** dialog box, enable the **Job Storage (e-MPS)** check box. For Quick Copy printing, select **Quick Copy**.



3 You can name the job for later reference when printing from the print operator panel. In **Job Name**, select **Application Defined** for automatic naming by the application. Or, select **Custom** to enter a name of your choice. The name can be up to 31 characters.
4 Click **OK**.
5 When you print from the application, the job will be saved to the hard disk while the specified number of copies prints.

For further details on printing additional copies of a Quick Copy job, refer to Printing Additional Copies of Quick Copy Jobs on page 110.

Printing Additional Copies of Quick Copy Jobs

NOTE *The actual key operation may differ depending on the model.*

1 Press the **MENU** key on the printer operator panel.
2 Press the ▲ or ▼ key repeatedly until **e-MPS >** appears.
3 Press the ▶ key to access the submenu.
4 Press the ▲ or ▼ key repeatedly until **>Quick Copy** appears.
5 Press the **ENTER** key. A blinking question mark **[?]** displays by the user name.
6 If the user name is correct, press the **ENTER** key. Otherwise, press the ▲ or ▼ key until the correct name appears.
7 Press the **ENTER** key. Follow the instructions in the Identification on page 34 to continue.
8 The job name appears with a blinking question mark **[?].**
If this is the correct job for printing, press the **ENTER** key.
9 Otherwise, press the ▼ or ▲ key until the correct name appears. Then, press the **ENTER** key.
10 Press the▼ or ▲ key to specify the number of copies.
11 Press the **ENTER** key. The Quick Copy job initially printed is printed in the specified number of copies.

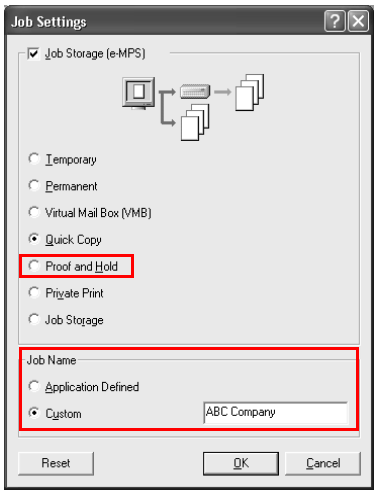
Deleting Quick Copy Jobs

1 Refer to steps 1 through 8 in Printing Additional Copies of Quick Copy Jobs on page 110.
2 If this is the correct job for deletion, press the **ENTER** key.

3 Otherwise, press the ▼ or ▲ key until the correct name appears.
4 After the menu for specifying the number of print copies appears, press the ▼ key once. **Delete** appears.
5 Press the **ENTER** key to delete the job.

Proof and Hold

1 Access the Job Settings dialog box as indicated in the instructions for Quick Copy on page 109. Select **Proof and Hold**.
2 Name the job for future reference when printing from the print operator panel.
   - If you select **Application Defined** in **Job Name,** the application automatically names the document.
   - In the **Job Name** area, select **Custom** to enter a name of your choice. The name can be up to 31 characters in length.



3 Click **OK**.

When printing a Proof and Hold job of multiple copies, only the first copy is printed and the remaining copies are saved. Follow the steps below after proofing the first copy.

Printing the Remaining Copies of Proof and Hold Jobs

You can print the remaining copies of **Proof and Hold** jobs following the same steps as for Printing Additional Copies of Quick Copy Jobs on page 110. Use the keys on the printer operator panel to proceed. When using the **Proof and Hold option**, the number of copies displayed will be one less than the total due to the existing proof copy. The printed jobs will remain saved on the hard disk until the printer is turned off. To delete jobs manually, use the same key operations as explained in Deleting Quick Copy Jobs on page 110.

Private Print

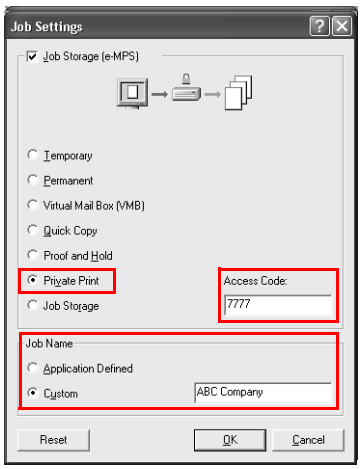
Private Print jobs are saved to the hard disk for printing until a four-digit access code is entered.

The saved jobs are deleted as soon as they are printed.

To print using Private Print, follow these steps:

1 Access the **Job Settings** dialog box as indicated in the instructions for Quick Copy on page 109. Select **Private Print**.
2 Enter four digits with any numbers between 0 and 9 for the **Access Code**.
When you want to print a saved job, enter the access code on the printer operator panel.

3 You can name the job for later reference when printing from the print operator panel.
   - If you select **Application Defined** in **Job Name** the application automatically names the document.
   - In **Job Name**, select **Custom** to enter a name of your choice. The name can be up to 31 characters in length.



4 Click **OK**.

Printing Private Print Jobs

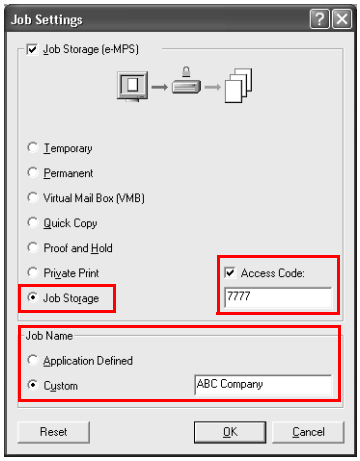
The actual key operation may differ depending on the printer model.

1 On the printer operation panel, press the **MENU** key.
2 Press the ▲ or ▼ key repeatedly until **e-MPS** > appears.
3 Press the ▶ key to access the submenu.
4 Press the ▲ or ▼ key repeatedly until **>Private/Stored** appears.
5 Press the **ENTER** key, the user name displays with a blinking question mark **[?]**.
6 If the user name is correct, press the **ENTER** key. Otherwise, press the ▲ or ▼ key until the correct name is displayed.
7 The job name is displayed with a blinking question mark **[?]**. Press the **ENTER** key.
8 The user name displayed is specified following the instructions in the Identification on page 34. If this is the correct job for printing, press the **ENTER** key.
9 Otherwise, press the ▲ or ▼ key until the correct job name appears, then press the **ENTER** key.
10 Enter the four-digit access code created in Private Print on page 111.
11 Press the ▲ or ▼ key to increase or decrease the number.
12 Press the ◀ or ▶ key to move the cursor right and left.
13 Press the **ENTER** key. Use the ▲ or ▼ key to specify the number of copies for printing.
14 Press the **ENTER** key to start printing.
15 After printing, the job will be automatically deleted from the hard disk. To delete the job without printing it, follow the same procedure as in Deleting Quick Copy Jobs on page 110.

Job Storage

The Job Storage feature saves jobs on the hard disk for future printing, even if the printer is switched off. You can also use access codes to restrict the printing of forms.

1 Access the Job Settings dialog box as indicated in the instructions for Quick Copy on page 109. Select **Job Storage**.
2 Select the **Access Code** check box and enter the desired four-digit access code using numbers between 0 and 9. When you want to print the saved jobs, enter the access code on the print operator panel.
3 You can name the job for future reference when printing from the print operator panel.
   - If you select **Application Defined** in the **Job Name** field, the application automatically names the document.
   - In **Job Name**, select **Custom** to enter the name of your choice. The name can be up to 31 characters in length.



4 Click **OK**. When you select print, the job will be saved to the hard disk without printing.

Printing Jobs Saved Using Job Storage

To print forms and other documents saved using Job Storage, follow the same steps as for Printing Private Print Jobs on page 112.

The stored jobs will remain saved even after the printer is switched off. To delete them manually, follow the same steps as for Deleting Quick Copy Jobs on page 110. When deleting jobs, you must enter the same access code as saved in the **Job Storage** procedure.

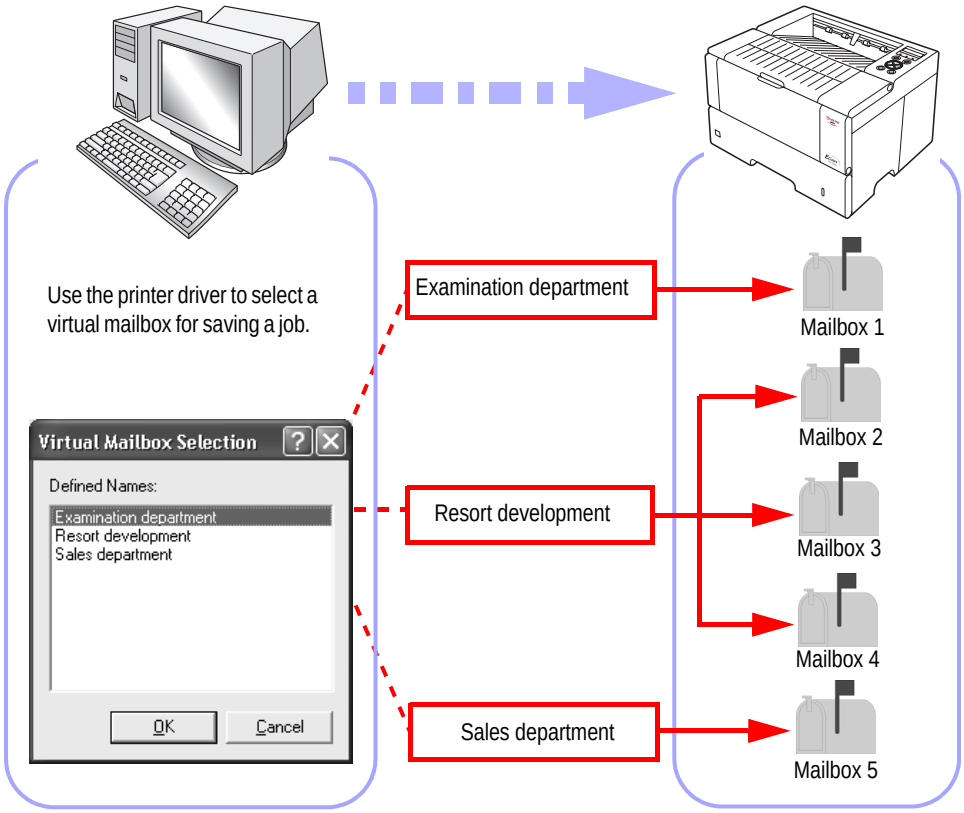
Virtual Mailbox

With the Virtual Mailbox feature, mailboxes created on the hard disk are assigned to multiple users. Jobs posted to a virtual mailbox can be printed later from the printer operator panel. Jobs saved in virtual mailboxes are automatically deleted after printing and jobs that have not been printed are saved if the printer is switched off. You must create and setup your virtual mailboxes prior to utilizing this feature.

NOTE

The Virtual Mailbox feature is available when the printer is set to emulate HP PCL 5e, PCL XL, or PCL 5c. For information on emulation settings, refer to Page Description Language (PDL) Settings *on page 36.*

Create a virtual mailbox by specifying a mailbox name and number. The figure below illustrates the virtual mailbox option. For further details, refer to Creating Virtual Mailboxes on page 114.



- *You can group multiple mailboxes and identify the group with a unique name. You can save jobs into multiple mailboxes, or save it into all the mailboxes at the same time.*
- *Up to 255 mailboxes can be created. The total mailbox capacity varies depending on the printer model and the size of the hard disk installed. For example, an ECOSYS FS-1800 printer with a 1 GB microdrive offers an initial mailbox capacity of 50 MB. For further details on virtual mailbox capacities of each model, refer to the printer's Operation Guide.*

NOTE

The following sections explain how to utilize the virtual mailbox option:

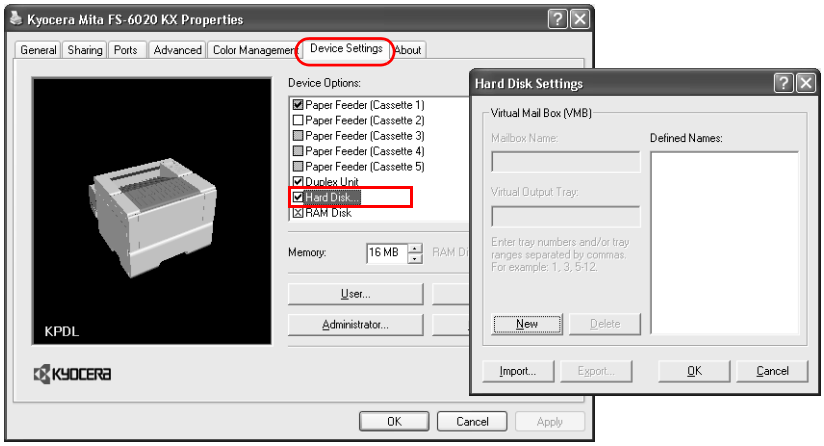
- Creating Virtual Mailboxes
- Importing and Exporting the Virtual Mailbox List
- Saving Jobs in Virtual Mailboxes
- Printing Virtual Mailbox Job Lists
- Printing Jobs in Virtual Mailboxes

Creating Virtual Mailboxes

1 Click **Start** in the Windows taskbar, and click **Printers and Faxes** to open the **Printers and Faxes** window.
2 Right-click the icon for your printer in the **Printers and Faxes** window. A list appears.

3 Click **Properties** in the list. The **Properties** dialog box appears. Click the **Device Settings** tab.

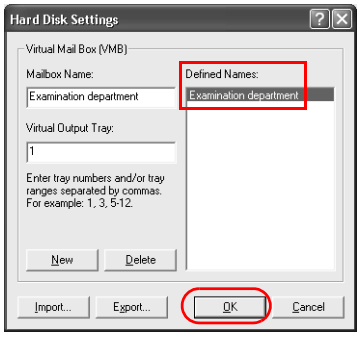
4 Select the **Hard Disk** check box. The **Hard Disk Settings** dialog box appears.



5 Click **New** and enter any name into **Mailbox Name**.

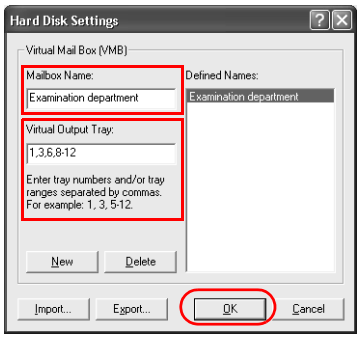
For example, name the mailbox after the user or department. The name can be up to 31 characters in length.

6 The mailbox names appear in the **Defined Names** list at right.



7 Enter a number between 1 and 255 for the **Mailbox Number**.

You can enter commas and hyphens to organize multiple mailboxes for the same user. In the following example, when the numbers 1, 3, 6, 8-12 are entered, mailboxes 1, 3, 6, 8, 9, 10, 11, and 12 will be assigned to the name specified in **Mailbox Name**. Print jobs are saved in those boxes simultaneously.



To assign multiple mailboxes, repeat the above steps. When finished, click **OK** to close the **Hard Disk Settings** dialog box.

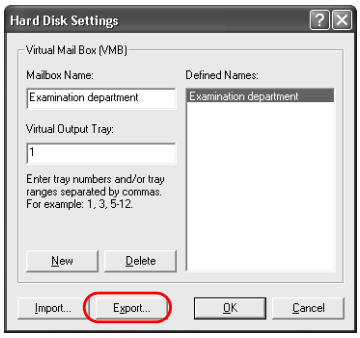
NOTE

- *It is also possible to assign mailboxes using the same mailbox numbers for users with different names. However, be aware that this will result in shared mailboxes.*
- *To delete a mailbox that you created, select the mailbox from the Defined Names list and click* ***Delete****.*

Importing and Exporting the Virtual Mailbox List

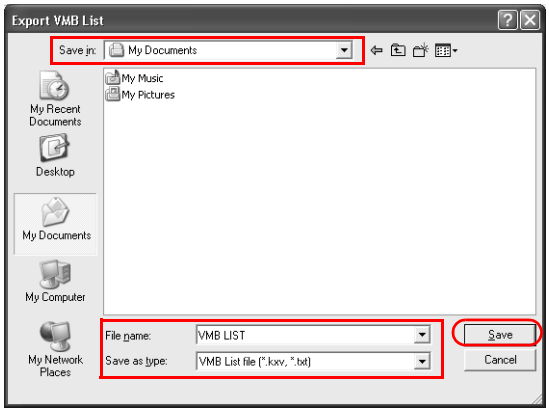
This section explains how to import and export your virtual mailbox lists. You can save the list of virtual mailboxes created in the previous section onto your personal computer. Once saved, the list can be read by other printer drivers.

1 Follow the instructions in the previous section to display the **Hard Disk Settings** of the printer driver that will be the source of the list. Click **Export...**.

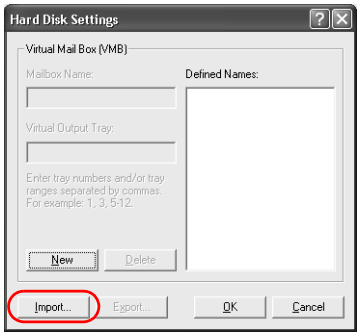


2 The **Export VMB List** dialog box appears. Select save location from the **Save in** list.

3 Enter a name in the **File name** field and click **Save**. Close the **Properties** dialog box.

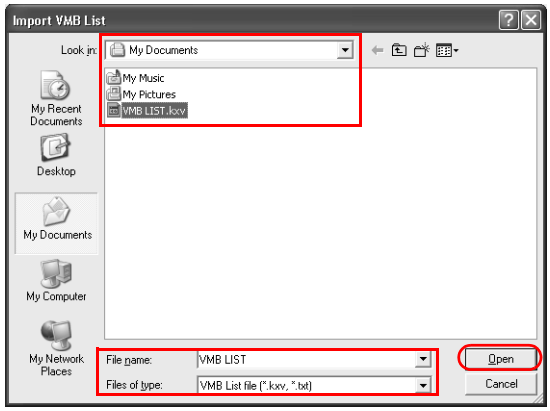


4 Click **Import...** to display the **Hard Disk Settings** of the printer driver that are the destination for the list.

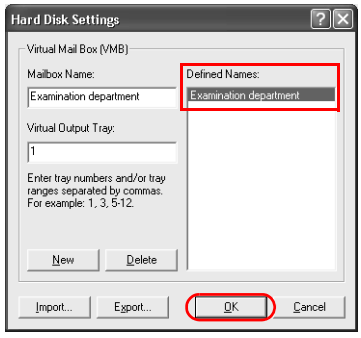


5 The **Import VMB List** dialog box appears. Select the virtual mailbox data file you wish to read from the **Look in** list.

6 Click the virtual mailbox list name and click **Open**.



7 The virtual mailbox list is opened and displayed in the **Defined Names** area. Click **OK** to save the list. The imported list will replace all Defined Names that were already in the list.



Saving Jobs in Virtual Mailboxes

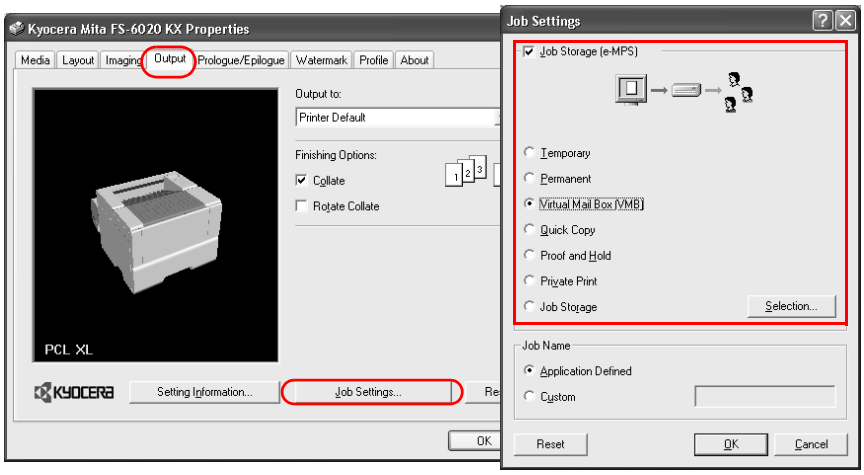
1 From the application's **Print** dialog box, access the **Properties**. Select **Print** from the **File** menu and select **Properties**.

2 Open the **Properties** dialog box, and click the **Output** tab.

3 Click **Job Settings...** to open the **Job Settings** dialog box.

4 Select the **Job Storage (e-MPS)** check box.

5 Select **Virtual Mail Box VMB** and click **Selection...** .



If **Virtual Mail Box VMB** is inactive, no virtual mailboxes have been created yet. Click **Cancel** in the screen above, and create a virtual mailbox while referring to RAM Disk Settings on page 33.

6 The **Virtual Mailbox Selection** dialog box appears. Select the mailboxes for saving the job, and click **OK**.

7 Close the **Properties** dialog box. The job is saved to the virtual mailbox on the hard disk and held for printing.

- **Printing the list** -- Refer to the next section, Printing Virtual Mailbox Job Lists, below.
- **Printing saved jobs** -- Refer to Printing Jobs in Virtual Mailboxes on page 119.

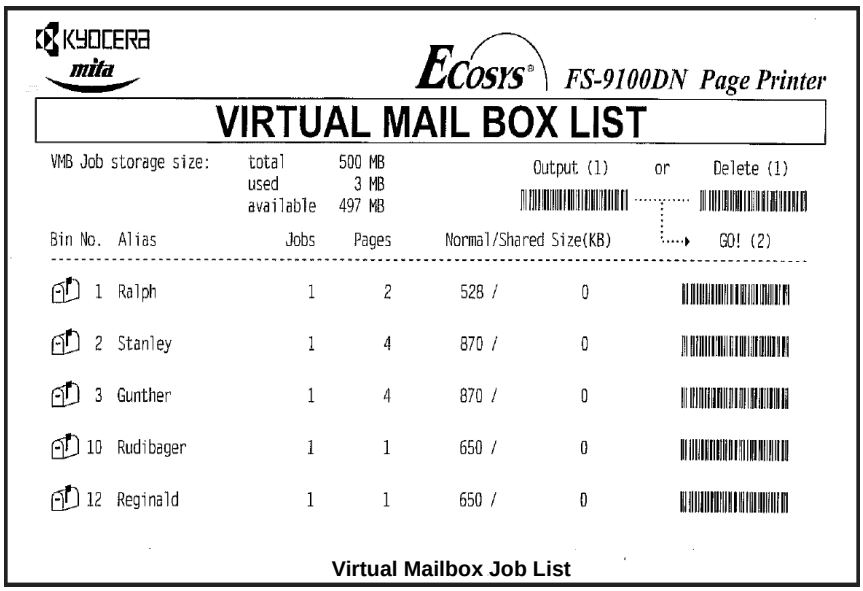
Printing Virtual Mailbox Job Lists

Follow these steps to print the jobs lists of virtual mailboxes. You can print a list if there is at least one job saved in the virtual mailbox.

The list is printed from the printer operator panel.

1 On the printer operator panel, press the **MENU** key.
2 Press the ▲ or ▼key repeatedly until **e-MPS>** is displayed.
3 Press the ▶ key to access the submenu.
4 Press the ▲ or ▼ key repeatedly until **>List of VMB** appears.
This menu is not displayed if all virtual mailboxes are empty.
5 Press the **ENTER** key. A blinking question mark **[?]** appears.
6 Press the **ENTER** key again. The list will be printed.

The job list information shows the number of saved jobs, number of pages, size, and other specific details for each virtual mailbox. The symbol to the left of a virtual mailbox indicates jobs in the mailbox.


KYOCERA mita

ECOSYS FS-9100DN Page Printer

VIRTUAL MAIL BOX LIST

VMB Job storage size: total 500 MB
used 3 MB
available 497 MB

Output (1) or Delete (1)

GO! (2)

Bin No.	Alias	Jobs	Pages	Normal/Shared Size(KB)	
1	Ralph	1	2	528 /	0
2	Stanley	1	4	870 /	0
3	Gunther	1	4	870 /	0
10	Rudibager	1	1	650 /	0
12	Reginald	1	1	650 /	0

Virtual Mailbox Job List

Printing Jobs in Virtual Mailboxes

1 On the printer operator panel, press the **MENU** key.
2 Press the ▲ or ▼ key repeatedly until **e-MPS >**appears.
3 Press the ▶ key to access the submenu.
4 Press the ▲ or ▼ key repeatedly until the display looks like the example shown below. This menu is not available if all virtual mailboxes are empty.

```
>Print VMB Data
Tray 001:
```

Tray 001: Represents **Virtual Mailbox 1**.
5 Press the **ENTER** key. A blinking question mark **[?]** is displayed.

NOTE *At this point, if there are jobs in other virtual mailboxes, you can select them (**Tray...**) by pressing the ▲ or ▼ key.*

6 To print the jobs in those virtual mailboxes, press the **ENTER** key.

All jobs in the virtual mailboxes are printed. Once printed, the jobs are automatically deleted from the virtual mailboxes.

Temporary and Permanent Jobs

Functions for jobs saved as Temporary and Permanent jobs are similar to the functions for Quick Copy and other features described in Job Settings on page 108. However, these functions are provided for backward compatibility with printing environments developed before the Job Option. Similar to job options, temporary and permanent jobs use electronic sorting for faster printing of jobs with multiple copies.

The features are listed below:

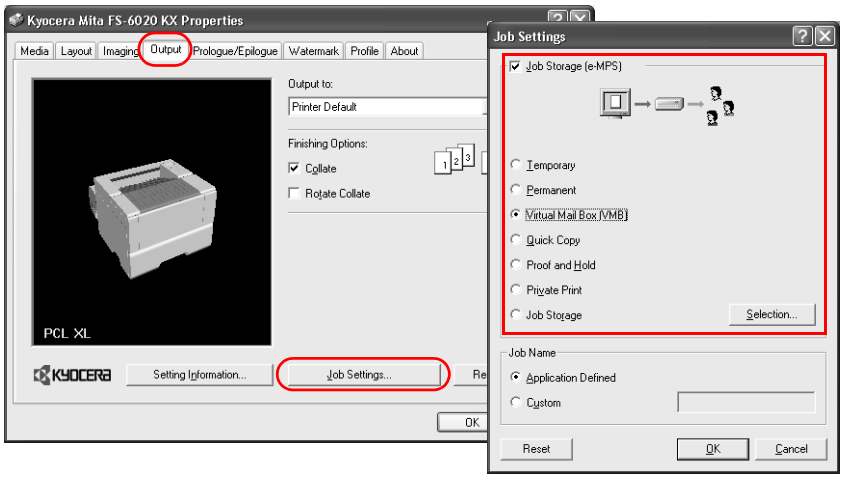
- Jobs are managed internally with job IDs and printed after saving by an application (KM-NETJob Manager).
- Barcode Print Output is supported and facilitates future printing with an optional barcode reader.
- Both types of jobs are saved on the hard disk, up to the user-defined capacity. However, temporary jobs are automatically deleted if the defined capacity is reached. Permanent jobs remain saved until removed by the user.

Printing and Saving Temporary and Permanent Jobs

NOTE *Check that your printer has an optional hard disk installed.*

1 From the application's **Print** dialog box, access the **Properties**. (Select **Print** from the **File** menu).
2 Open the **Properties** dialog box, and click the **Output** tab.
3 Click **Job Settings...** to access the **Job Settings** dialog box.
4 Select the **Job Storage (e-MPS)** check box. Select **Temporary** or **Permanent**.
5 When printing a job with a job ID barcode, open the **Barcode Option** dialog box and make the appropriate settings.

NOTE *For further details, refer to Printing Additional Copies of Saved Jobs on page 122.*



Click **OK** to return to the **Print** dialog box. While printing, the job will be simultaneously saved on the hard disk as either a temporary or permanent job.

NOTE *To reprint temporary or permanent jobs, the dedicated KM-NET Job Manager utility is required.*

For further details, refer to Using KM-NET for Clients to Print Saved Jobs Again on page 121.

Using KM-NET for Clients to Print Saved Jobs Again

To print out jobs, the KM-NET for Clients utility must first be installed on your computer. The utility is located on the supplied Kyocera Software Library CD-ROM.

NOTE

The KM-NET for Clients communicates with the printer using TCP/IP protocol. To make a local connection with your computer, the KX printer driver must be installed on it. Local connection cannot be used in Windows 2000.

1 From the CD-ROM **Main Menu** dialog box, select **Printer Utilities**, then **KM-NET for Clients** to install the software.

After installation, follow these steps to launch the KM-NET Job Manager utility:

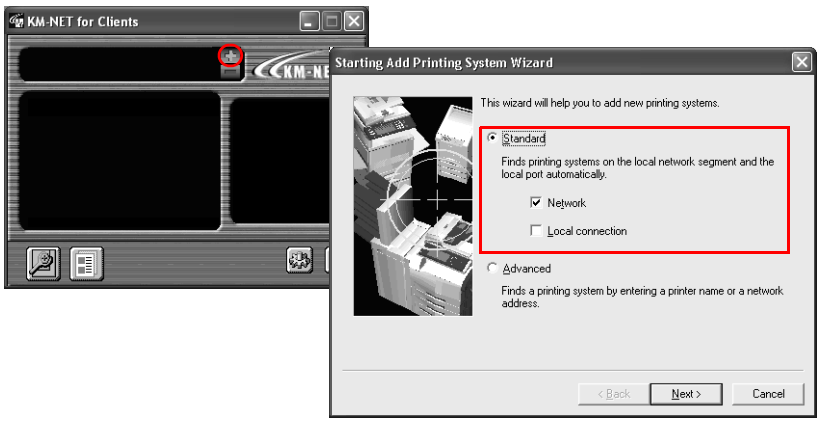
2 Click **Start in the** Windows **taskbar** and **All Programs**.

NOTE

To reprint temporary or permanent jobs, the dedicated KM-NET Job Manager utility is required.

*Click **Programs, KYOCERA MITA**, and then To reprint temporary or permanent jobs, the dedicated KM-NET Job Manager utility is required.*

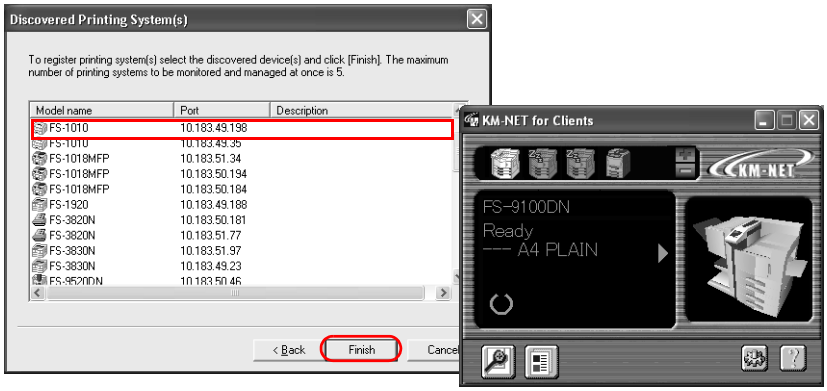
3 Click **Add**. Depending on your printer connections, select either the **Local printer** (for Parallel Connection) or **Network printer**.



Follow the wizard through the *To reprint temporary or permanent jobs, the dedicated KM-NET Job Manager utility is required.*

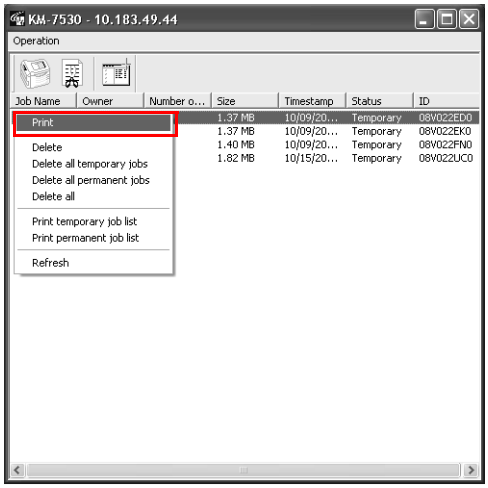
4 Follow the wizard through the **Starting Add Printing System Wizard** dialog box. Available printers are displayed.

5 Select the printer to connect and click **Finish** to return to the main dialog box of the KM-NET for Clients.



6 Select the printer icon displayed in the main dialog box and click **Job Manager**. Print jobs saved in the printer are displayed.

7 Right-click on the job name and select **Print** from the list to print a saved job.
You can also select multiple jobs for printing simultaneously.
To select multiple jobs, click the jobs while holding down the Ctrl key. Saved jobs are stored on the hard disk.



NOTE

*To delete jobs manually, right-click on the job name and select **Delete** from the list.*
*For further details, refer to **KM-NET for Clients Operation Guide**.*

Printing Additional Copies of Saved Jobs

You can reprint saved print jobs using the optional barcode reader. Use the printer's serial interface to connect the barcode reader to the printer.

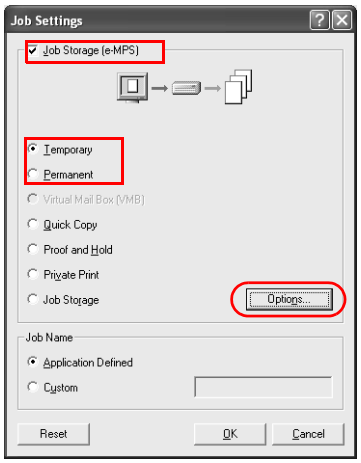
When initially printing a job, follow the steps below to print a barcode representing the job ID on each page or on the cover page only.

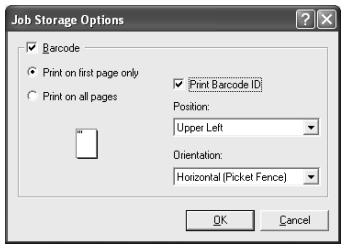
{28L016T50}

By simply reading the barcode with the barcode reader, you can reprint either a page or the entire job.

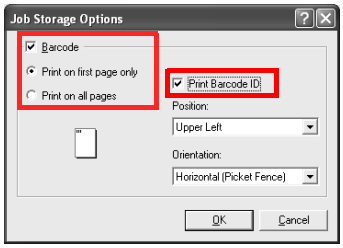
Printing a barcode on a print job

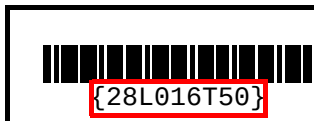
1 From the application's **Print** dialog box, access the **Properties**. (Select **Print** from the **File** menu).
2 Open the **Properties** dialog box, and click the **Output** tab.
3 Click **Job Settings...** to access the **Job Settings** dialog box.
4 Select the **Job Storage (e-MPS)** check box. Select **Temporary** or **Permanent**.
5 Click **Options...** to open the **Job Storage Options** dialog box.



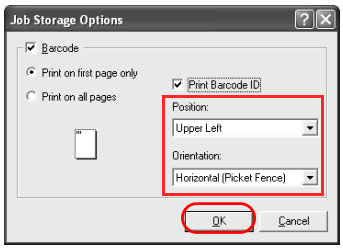


6 Select the **Barcode** check box. Select **Print first page only** or **Print all pages**.
7 If you want to print the job ID as characters with the barcode, as shown in the diagram below, enable the **Print Barcode ID** check box.

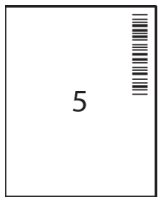




8 From the **Position** list, select the barcode position on the page. From the **Orientation** list, select the direction of the barcode.
9 Click **OK**.



The combinations of barcode printing position and orientations are shown in the table below.

Orientations	Position			
	Upper-Right	Lower-Right	Upper-Left	Lower-Right
Horizontal				
Vertical				

When printing, the barcode is printed in the designated position.

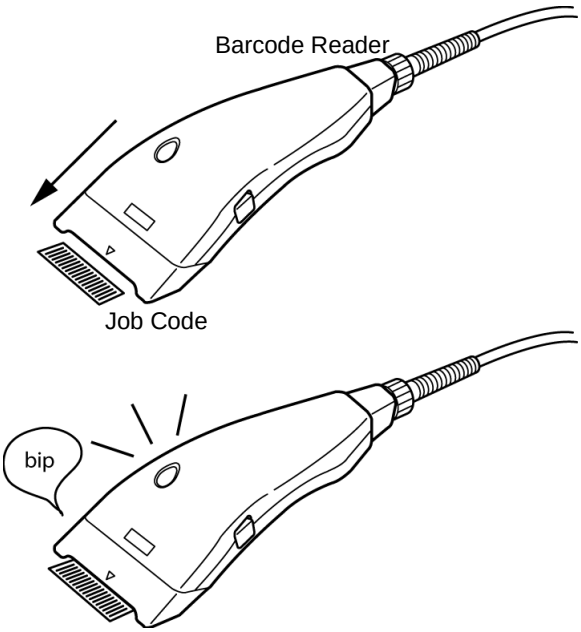
Reading with the Barcode Reader

When the printed job ID is read by the barcode reader, the printer outputs that page.

- If the barcode on the front cover is read, all pages are printed.
- If pages are read individually, only the pages that are read are printed.

NOTE

This feature requires switching the serial interface mode to work with the barcode reader. For further details, refer to the barcode reader's Operation Guide.



Using the Barcode Reader to Read the Job Code

Saving Profiles

You can save print settings made on the **Media**, **Output** or other tabs in the **Printer Propterties** dialog box. By creating a profile out of the saved settings, they can be easily recalled, eliminating the need to reset them on the dialog box tabs. Profiles can be easily added, edited, or deleted. Profiles from other printers can also be read.

NOTE

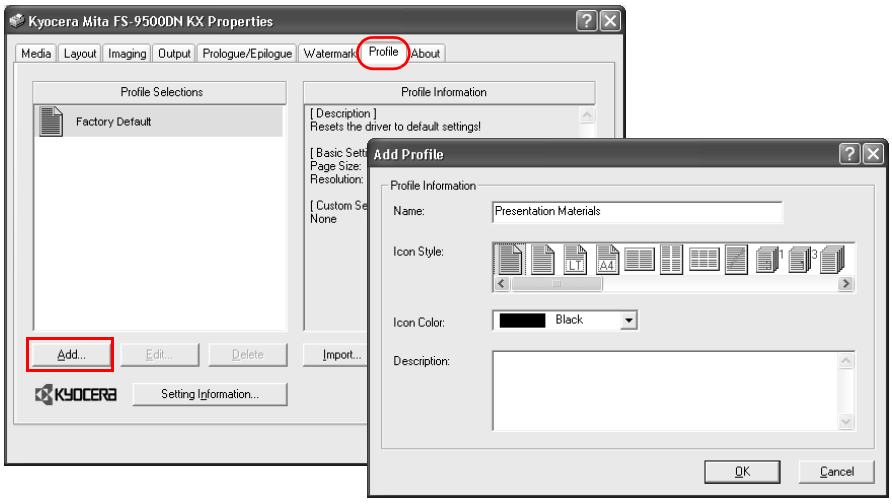
*If a shared profile is installed when printer driver option settings are being set, its icon is displayed in the list on the **Profile** tab, and it can be shared by each printer. For further details, refer to Installing Components on page 25.*

Creating Profiles

Follow these steps to create a new profile.

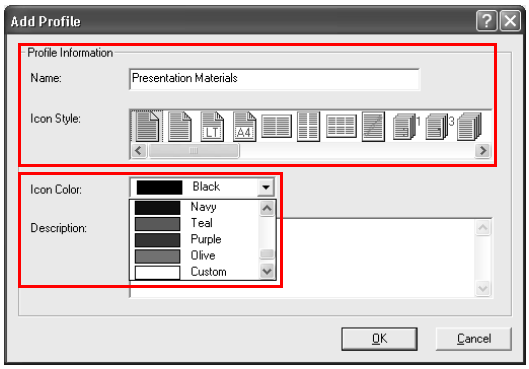
1. From the application's **Print** dialog box, access the **Properties**. (Select **Print** from the **File** menu and select **Properties**.)
2. Configure the appropriate options on each setting tab.
3. Click the **Profile** tab in the **Properties** dialog box.

4 Click **Add** to access the **Add Profile** dialog box.



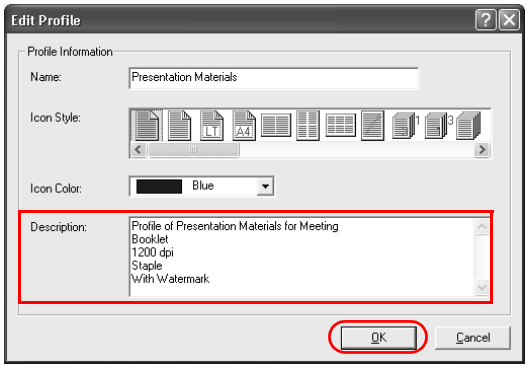
5 Enter a **Name** for the **Profile Information**, and select the **Icon Style**. The name can be up to 31 characters.

6 Select a color for the **Profile Information** from the **Icon Color** list. This option allows you to sort icons by color.

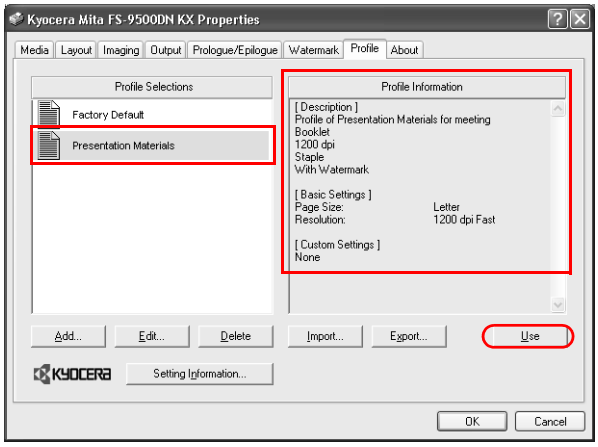


7 Enter comments about the settings into the **Profile Information Description** section. Up to 256 characters can be entered for the comments.

8 Click **OK** to save the profile. The display returns to the **Profile** tab.



9 The **Profile Selections** displays the icon and name, and the **Profile Information** displays the settings and comment. Click **Use** to activate the displayed printer settings.



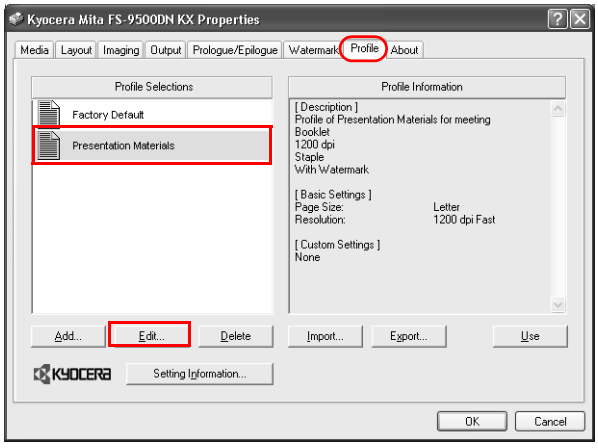
Editing Profiles

The Name, Icon Style, Icon Color, and Description of created and shared profiles can be edited.

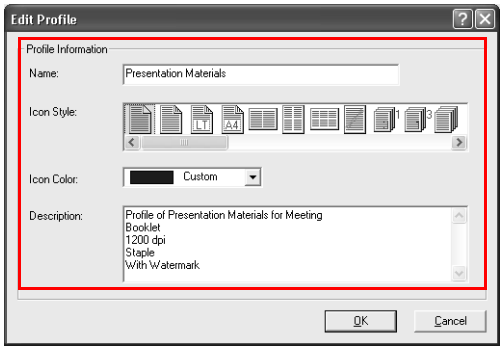
1 From the application's **Print** dialog box, access the **Properties**. (Select **Print** from the **File** menu and select **Properties**.)

2 Click the **Profile** tab in the **Properties** dialog box.

3 Select the profile to be edited from the **Profile Selections**, and click **Edit**.



4 The **Edit Profile** dialog box appears. Edit the profile information's **Name**, **Icon Style**, **Icon Color**, and **Description**. For further details, refer to Creating Profiles on page 125.

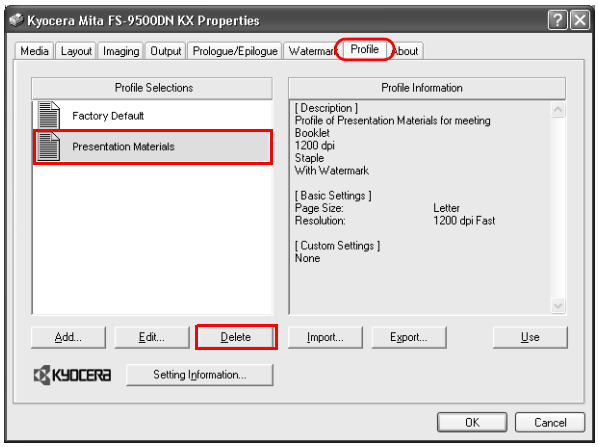


5 Click **OK** to save the edited profile.

Deleting Profiles

1 From the application's **Print** dialog box, access the **Properties**. (Select **Print** from the **File** menu and select **Properties**.)

2 Click the **Profile** tab in the **Properties** dialog box. Select the profile to be deleted from the **Profile Selections**, and click **Delete**.



3 Click **OK**.

Importing and Exporting Profiles

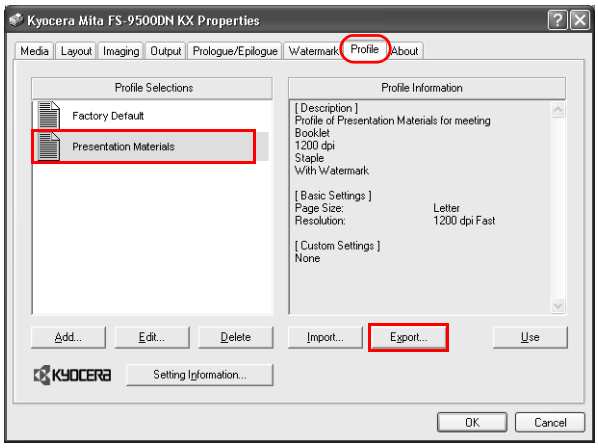
You can save your profile on your personal computer and have it read by other printers. The profiles on several printers can be shared. Print results may vary depending on the printer model.

1 From the application's **Print** menu, access the **Properties**. (Select **Print** from the **File** menu and select **Properties**.)

2 In the source printer driver, click the **Profile** tab in the **Properties** dialog box.

3 Select the profile to be read from the **Profile Selections**, and click **Export...** .

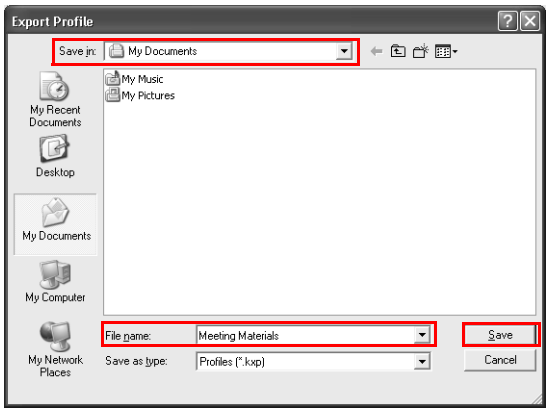
Read source



4 The **Export Profile** dialog box appears. Save the profile.

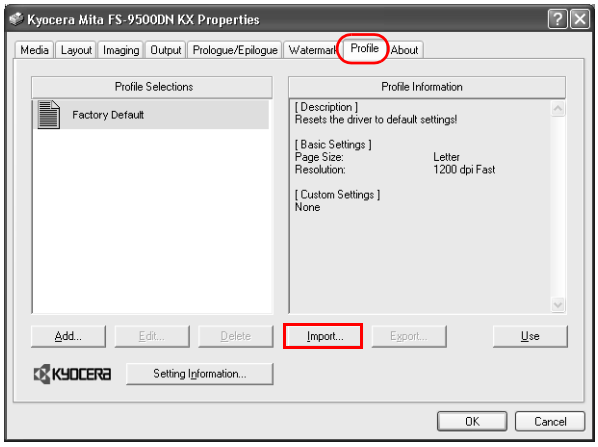
5 Specify the save location in the **Save in** list, enter a name for the file in the **File name field**, and click **Save**. Close the **Properties** dialog box.

Read source



6 In the destination printer driver, click the **Profile** tab in the **Properties** dialog box. Click **Import...** .

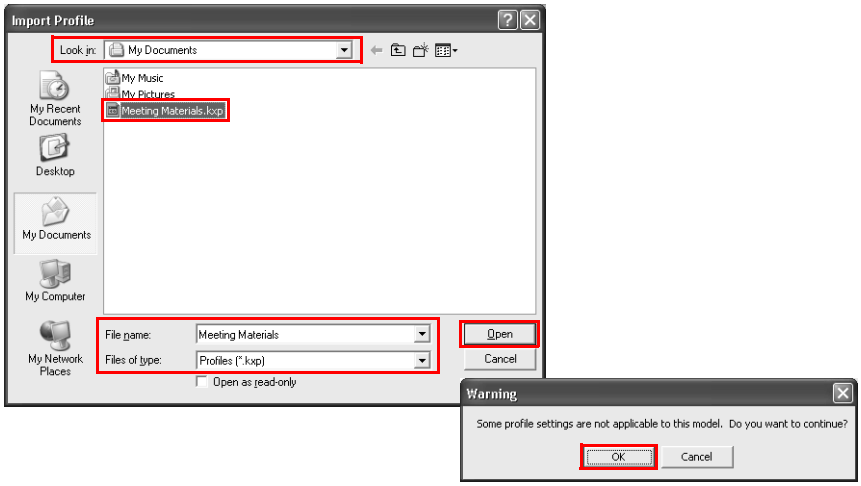
Read Destination



7 The **Import Profile** dialog box appears. Select the profile from the **Look in** list, select the profile name, and then click **Open**.

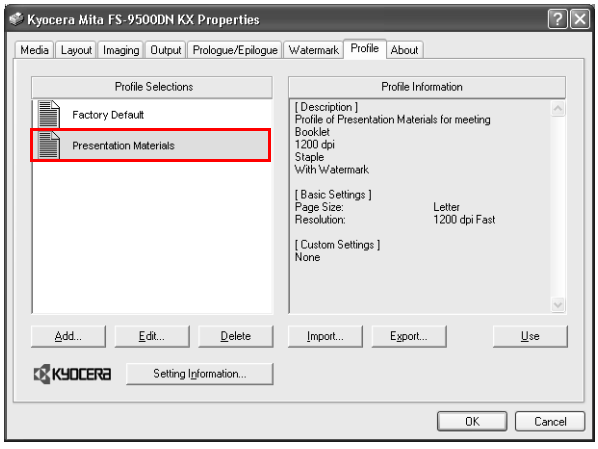
8 If a message dialog box appears displaying **"Some profile settings are not applicable to this model. Do you want to continue?",** there are unusable functions in this profile. Click **OK** to return to the **Profile** tab.

Read destination



9 The profile read by the printer driver displays in the **Profile Selections**, and profile reading is finished.

Read destination



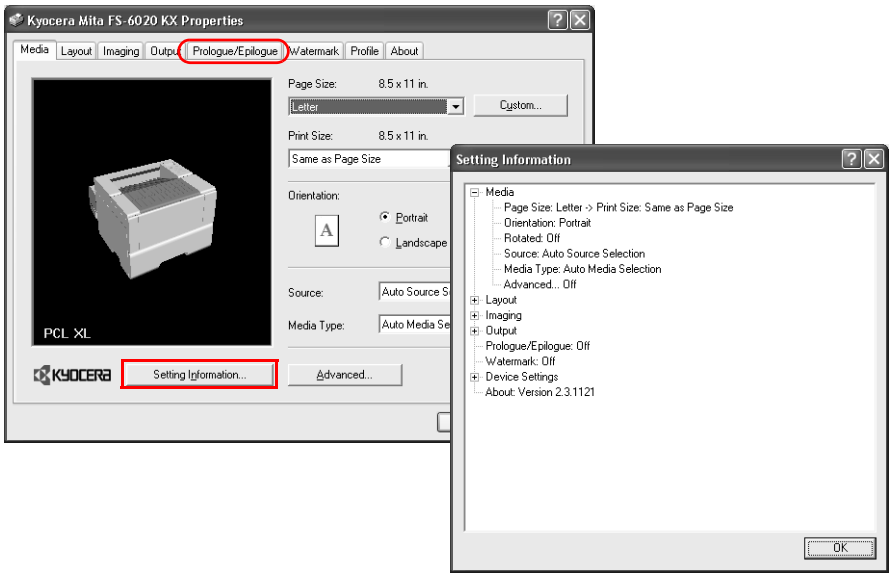
Setting Information

You can confirm settings made on the **Media, Layout, Imaging, Color, Output, Prologue/ Epilogue, Watermark,** and **Device Settings** tabs.

By simply clicking **Setting Information...** on the **Printing Preferences/Properties** dialog box, current driver settings can be displayed in a tree view.

NOTE

Displayed settings may vary depending on the PDL



MTI (AGFA) 80 FONTS

Font Name	File Name	Font Name	File Name
Albertus Extra Bold	KYCW1_1.TTF	*ITC Avant Garde Gothic Book Oblique*	KYCW1_48.TTF
Albertus Medium	KYCW1_0.TTF	**ITC Avant Garde Gothic Demi**	KYCW1_49.TTF
Antique Olive	KYCW1_2.TTF	***ITC Avant Garde Gothic Demi Oblique***	KYCW1_50.TTF
Antique Olive Bold	KYCW1_4.TTF	**ITC Bookman Demi**	KYCW1_53.TTF
Antique Olive Italic	KYCW1_3.TTF	ITC Bookman Demi Italic	KYCW1_54.TTF
Arial	KYCW1_5.TTF	ITC Bookman Light	KYCW1_51.TTF
Arial Bold	KYCW1_7.TTF	ITC Bookman Light Italic	KYCW1_52.TTF
Arial Italic	KYCW1_6.TTF	ITC Zapf Chancery Medium Italic	KYCW1_79.TTF
Arial Bold Italic	KYCW1_8.TTF	✺❁❒❄ ITC Zapf Dingbats	KYZAPF.TTF
CG Times	KYCW1_27.TTF	Letter Gothic	KYCW1_19.TTF
CG Times Bold	KYCW1_29.TTF	Letter Gothic Bold	KYCW1_21.TTF
CG Times Italic	KYCW1_28.TTF	Letter Gothic Italic	KYCW1_20.TTF
CG Times Bold Italic	KYCW1_30.TTF	*Marigold*	KYCW1_22.TTF
CG Omega	KYCW1_23.TTF	New Century Schoolbook Roman	KYCW1_67.TTF
CG Omega Bold	KYCW1_25.TTF	New Century Schoolbook Bold	KYCW1_69.TTF
CG Omega Italic	KYCW1_24.TTF	New Century Schoolbook Italic	KYCW1_68.TTF
CG Omega Bold Italic	KYCW1_26.TTF	New Century Schoolbook Bold Italic	KYCW1_70.TTF
Clarendon Condensed Bold	KYCW1_9.TTF	Palatino	KYCW1_71.TTF
Coronet	KYCW1_10.TTF	Palatino Bold	KYCW1_73.TTF
Courier	KYCW1_11.TTF	*Palatino Italic*	KYCW1_72.TTF
Courier Bold	KYCW1_13.TTF	***Palatino Bold Italic***	KYCW1_74.TTF
Courier Italic	KYCW1_12.TTF	Σψμβολ Symbol	KYSYM.TTF
Courier Bold Italic	KYCW1_14.TTF	Σψμβολ SymbolPS	KYSYM1.TTF
CourierPS	KYCW1_55.TTF	Times Roman	KYCW1_75.TTF
CourierPS Bold	KYCW1_57.TTF	Times Bold	KYCW1_77.TTF
CourierPS Oblique	KYCW1_56.TTF	Times Italic	KYCW1_76.TTF
CourierPS Bold Oblique	KYCW1_58.TTF	Times Bold Italic	KYCW1_78.TTF
Garamond Antiqua	KYCW1_15.TTF	Times New Roman	KYCW1_31.TTF
Garamond Halbfett	KYCW1_17.TTF	**Times New Roman Bold**	KYCW1_33.TTF
Garamond Kursiv	KYCW1_16.TTF	*Times New Roman Italic*	KYCW1_32.TTF
Garamond Halbfett Kursiv	KYCW1_18.TTF	***Times New Roman Bold Italic***	KYCW1_34.TTF
Helvetica	KYCW1_59.TTF	Univers Bold	KYCW1_37.TTF
Helvetica Bold	KYCW1_61.TTF	Univers Bold Condensed	KYCW1_41.TTF
Helvetica Oblique	KYCW1_60.TTF	Univers Bold Italic	KYCW1_38.TTF
Helvetica Bold Oblique	KYCW1_62.TTF	Univers Bold Condensed Italic	KYCW1_42.TTF
Helvetica Narrow	KYCW1_63.TTF	Univers Medium	KYCW1_35.TTF
Helvetica Narrow Bold	KYCW1_65.TTF	Univers Medium Condensed	KYCW1_39.TTF
Helvetica Narrow Oblique	KYCW1_64.TTF	Univers Medium Italic	KYCW1_36.TTF
Helvetica Narrow Bold Oblique	KYCW1_66.TTF	Univers Medium Condensed Italic	KYCW1_40.TTF
ITC Avant Garde Gothic Book	KYCW1_49.TTF	✈✌■♈ Wingdings	KYWD_29.TTF

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