Kyoceramita KM-8530 PS Visual Driver

Printing System(2)
(UG-1)

User's Manual

PostScript

Option for

Print

Controller

This user's manual describes how to set up the Kyocera Mita KM-8530 PS Visual Driver and provides notes on using the driver.

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CONTENTS

■ Introduction

The Kyocera Mita KM-8530 PS Visual Driver is a PostScript3 printer driver for use with Controllers.

For instructions on how to operate your printer (copier), printer controller, or network board, refer to its user's manual.

For detailed operations of Windows 95/98/Me/NT 4.0/2000/XP, refer to the operating manuals for each operating system. For applications operations, refer to the operating manuals provided with each application.

● FCC Regulations

Warning: The Controller+PostScript3 option generates, uses and can radiate radio frequency energy. If it is not installed and used in accordance with the user's manual, interference with radio communications may result. This equipment has been tested and found to comply with the limits for a Class A computing device, pursuant to Subpart B, Part 15, of FCC rules, which are designed to provide reasonable protection against interference from such equipment when it is operating in a commercial environment.

Users operating this equipment in a residential area are likely to cause interference, in which case they may be required to correct the interference at their own expense.

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■ About the Kyocera Mita KM-8530 PS Visual Driver

A separate PS printer driver is provided for each model of IP controller.

The following shows the correspondence between the IP controller and the PostScript3 option (as of July, 2002).

• Printing System(2) (UG-1)

■ About this Manual

This user's manual relates to the Kyocera Mita KM-8530 PS Visual Driver.
It describes how the Kyocera Mita KM-8530 PS Visual Driver is used to perform printing on a computer running Windows 95/98/Me/NT 4.0/2000/XP.

> ═══MEMO═══
>
> For details on the functions and settings specific to your IP controller, refer to its user's manual.

■ Structure of this Manual

This manual consists of the following three chapters and an appendix.

Chapter 1: Overview

Chapter 1 describes a functional overview of the Kyocera Mita KM-8530 PS Visual Driver.

Chapter 2: Setup

Chapter 2 describes how to install the Kyocera Mita KM-8530 PS Visual Driver on your computer. This printer driver enables printing from a Windows application to a Kyoceram-ita printer by way of a network/parallel port.

Chapter 3: Driver Functions

Chapter 3 describes the functions of the Kyocera Mita KM-8530 PS Visual Driver installed on a computer.

Appendix A: Troubleshooting

Appendix A describes troubleshooting tips for your PostScript3 option.

■ System Requirements

● Windows

The following are required to print from Windows-compliant computers to the Print Controller.

- Computers on which Windows 95/98/Me/NT 4.0/2000/XP can run
- CD-ROM drive (necessary to install the printer driver)

Using Windows 95/98/Me

- Microsoft Windows 95/98/Me
- 32 MB RAM or more

Using Windows NT 4.0

- Microsoft Windows NT 4.0 and NT Service Pack 3 or later
- 32 MB RAM or more

Using Windows 2000/XP

- Microsoft Windows 2000/XP
- 32 MB RAM or more

=MEMO=

Macintosh systems do not support the Kyocera Mita KM-8530 PS Visual Driver.

● Monitor

Resolution

- 800 x 600 or higher for the UG-1

■ Conventions Used in this Manual

- Notational conventions used in this manual when referring to specific features are written within quotation marks, e.g., "Chapter 1 Overview."
- Names shown on the screen are written within square brackets, e.g., click the [OK] button.
- Cautions in this manual are shown with the caution symbol.
  Each mark used in this manual has the following meaning.

  ⚠
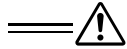
  Precautions and limits at the time the operating hardware or software was written.

  MEMO

  Hints, advice, confirming items, etc. at the time the operating hardware or software was written.

- Notation of sub-folders
  Sub-folders are written in a logical string, e.g., "\route level folder\sub folder 1\sub folder 2."
  For example, instructions for selecting the [ko431118e.exe] file in the [Driver] folder in the [English] folder in the [PS3] folder of the User Software CD, are written:

  Select the [ko431118e.exe] file in the "PS3\English\Driver" folder of the User Software CD.

Chapter 1   Overview

■ Contents of this Chapter

This chapter describes an overview of the Kyocera Mita KM-8530 PS Visual Driver.

■ Overview of the PostScript3 Option

● Printer Driver

This printer driver has the same functions as the PCL Printer Driver.
This printer driver can be used under the following operating systems.
- Windows 95
- Windows 98
- Windows Me
- Windows NT 4.0 and NT Service Pack 3 or later
- Windows 2000
- Windows XP

Refer to "Chapter 2 Setup" (p.2-1) for how to set up the printer.
Refer to "Chapter 3 Driver Functions" (p.3-1) for detailed functions of the printer driver.

● Page Description Language

The Page Description Language of PCL (standard) and Adobe PostScript3 are mounted on the printing system.

Chapter 2   Setup

■ Contents of this Chapter

To use the PS printing system, you must install the dedicated PostScript3 printer driver on your computer.

The section describes the installation of the printer driver.

Refer to "Chapter 3 Driver Functions" (p.3-1) for how to print from applications and functions of the printer driver.

■ How to Install the Kyocera Mita KM-8530 PS Visual Driver

● Before Installation

Models and Environment of Computers

The printing system can be used with most computers, from personal computers to workstations.

● Installing to Windows

Perform the following steps to install the PS option printer driver to Windows 95/98/Me/NT 4.0/ 2000/XP.

The "User Software CD" is required to install the printer driver.

1. **Turn on the computer and start Windows.**
   Exit from all active Windows applications, if running.

   —MEMO—
   Using Windows NT 4.0/2000/XP
   Log on as an Administrator (or a user entitled to install printer drivers, such as Power User, etc.).

2. **Place the "User Software CD" in the CD-ROM drive.**

3. **Double-click the [My Computer] icon on the desktop to open the [My Computer] window. Then double-click the CD icon (User Software CD).**

   —MEMO—
   Opening from the [Start] menu
   Right-click the [Start] button of the task bar to click [Explore].
   Then, select the CD icon (User Software CD) from [Address].

4. **Double-click the [Setup.exe] file in the folder for the Kyocera Mita KM-8530 PS Visual Driver on the "User Software CD".**
   After unzipping the program files, the PostScript3 Driver Setup program will run to display the [Welcome] window.

   —MEMO—
   The location in which Setup.exe is stored varies depending on the model of the IP controller.

5. **Check the [I accept the term of the above License Agreement] and click the [Next] button.**
   To use the PS option printer driver, you are required to agree to the License. When you agree to the license, check the [I accept the term of the above License Agreement] to proceed to the next step.

6. **Select the port to which the PS printing system is connected, and click the [Next] button.**
   Select [LPT1:] if a direct connection is established between the copier and the computer on which the printer driver is being installed. For your printer to default to the LPT1 port, put a check next to [Make this the Default Printer].

   ═══MEMO═══
   When selecting [Network Printer]

   When personal computers or workstations are connected to a network and you want to print via the network, put a check next to [Add Network Port], and select the corresponding system.
   ───

7. **Determine whether the printer name is appropriate. If you are satisfied, click the [Next] button.**
   If you want to change the printer name, enter a new name into the [Model] text box.
   The printer name defaults to [Kyocera Mita KM-8530 PS VD].

8. **Once the screen displays the printer name and the selected port, click the [Finish] button.**
   The printer driver will be installed.

9. **If you want to manually configure the printer, click the [Printer Setup] button.**
   You can open the [Properties] window to manipulate printer settings as the need arises.

   ═══MEMO═══
   Properties windows

   The printer properties window will be different for each environment depending on the Windows environment in which you install the printer driver.
   For more information, refer to "Chapter 3 Driver Functions" (p.3-1).
   ───

10. **Click the [Exit to Windows] button.**
    The installation session is over and you go back to the desktop. Your printer is now available for use.
    You don't need to restart the computer for the installed printer driver to take effect.

● **Uninstalling the Kyocera Mita KM-8530 PS Visual Driver**

1. **Click [Start]-[Settings]-[Control Panel].**
   The [Control Panel] window appears.

2. **Double-click the [Add/Remove Programs] icon.**
   The [Add/Remove Programs Properties] window appears.

3. **Select the [Kyocera Mita KM-8530 PS VD] in the [Install/Uninstall] tab, click [Add/Remove] button.**
   The [Printer Uninstall] window appears.

4. **Click the [Next] button.**
   The [Ready to Start Deleting] window appears.

5. **Confirm your selection on the window that is [Kyocera Mita KM-8530 PS VD].**
   The [Uninstall Successful] window appears.

6. **Click the [Restart Windows Now] button.**
   The Kyocera Mita KM-8530 PS Visual Driver is uninstalled and then Windows restarts.

   ——MEMO——
   "xxxx" indicates the model name of your copier.

Chapter 3   Driver Functions

■ Contents of this Chapter

This chapter describes how to set up the Kyocera Mita KM-8530 PS Visual Driver for printing from an application. It also describes the functions of the Kyocera Mita KM-8530 PS Visual Driver.

Refer to "Chapter 2 Setup" (p.2-1) for installation of the printer driver.

For details on the settings for each printer controller, refer to the corresponding user's manual.

■ Working Environment

● Compliant OS

The Printer Driver can be used on the following OS:
- Windows 95
- Windows 98
- Windows Me
- Windows NT 4.0 and NT Service Pack 3 or later
- Windows 2000
- Windows XP

Refer to "Chapter 2 Setup" (p.2-1) for installation of the Printer Driver.

■ Printing from Applications

● Printing

1. **Click the [File] menu of each application and click [Print].**

2. **Check that the PS option printer's name is shown on [Printer Name] and click [OK].**
   When the PS option printer is not shown, select it from the list box.

—MEMO—

Setting the [Print] dialog box

Refer to the user's manual of each application.

—⚠—

Deselect the [Collate Printing] check box from each application.

● Print Settings

Various settings required from printouts are primarily made in the [Print] dialog box. The settings made in the [Print] dialog box of a specific application are effective only when that application is running.

The windows for kinds of settings appear differently depending on the Windows environment.

■ Description of the Functions Available in the Kyocera Mita KM-8530 PS Visual Driver

The Kyocera Mita KM-8530 PS Visual Driver supports the typical functions, or user-definable settings, listed below. To set up these settings you choose [Start]-[Settings]-[Printer], right-click [Kyocera Mita KM-8530 PS VD], and choose [Properties] in Windows 95/98/Me, or [Document Defaults] and [Properties] in Windows NT4.0, or [Printing Preferences] in Windows 2000/XP.
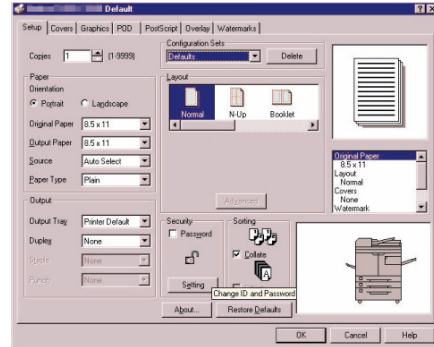
=MEMO=
The [Properties] screen may vary with the operating system or model of the copier.

[Properties] in Windows NT4.0
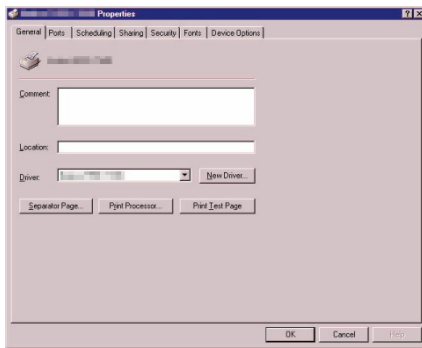
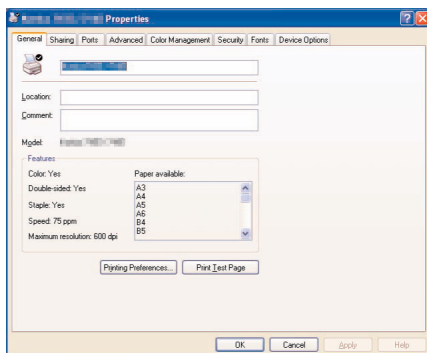**[Document Defaults] in Windows NT4.0**
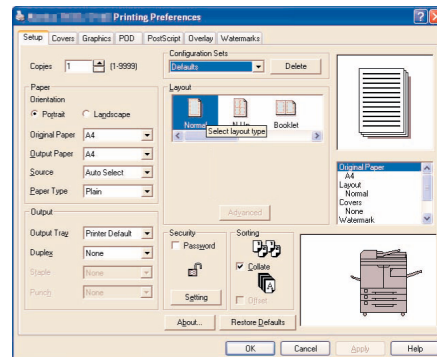
[Properties] in Windows 2000
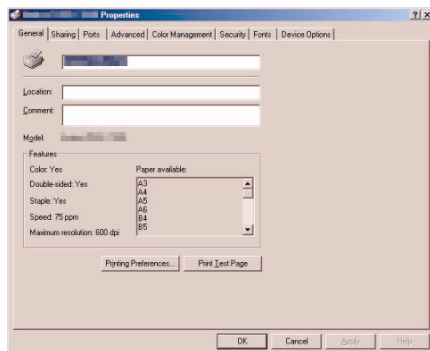
[Printing Preferences] in Windows 2000
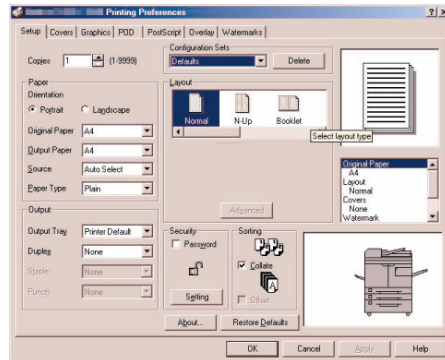
**[Properties] in Windows XP**

[Printing Preferences] in Windows XP

[Setup] tab

The [Setup] tab is used to make the paper, output, layout, security, sort, and other settings. The tab displays the current setting status using an image of the output result and the list of setting specifications. It also graphically indicates the mounted copier options, selected source tray and output tray.
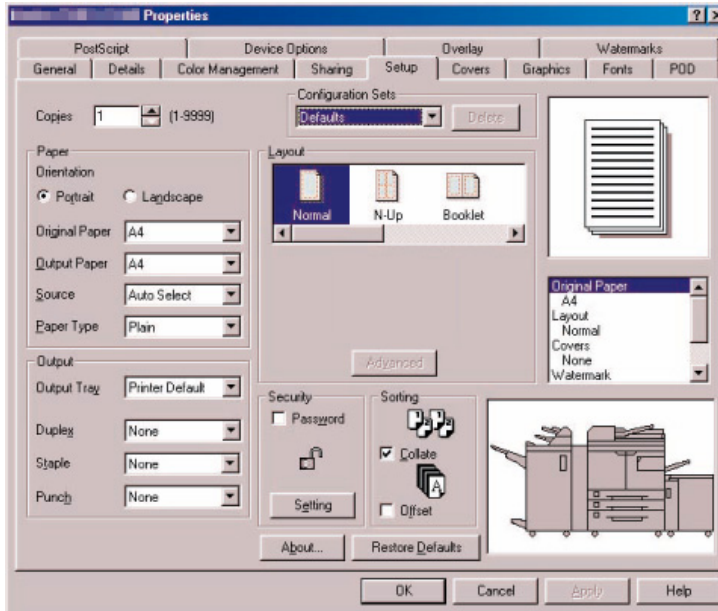
Copies

Click the [▲] or [▼] button or directly enter to type the number of copies.

The default is 1.

Orientation

This function is used to specify the paper orientation.

The default is [Portrait].

Original Paper

Select the original paper from the list shown by clicking the [▼] button.

The default is [8.5 x 11].

Output Paper

Select the output paper from the list shown by clicking the [▼] button.

If you change the [Original Paper] setting, the [Output Paper] setting automatically changes accordingly. This is accessible by choosing [Paper] on the [Setup] tab. If the [Output Paper] setting is different from the [Original Paper] setting, the scaling factor in [Layout] - [Fit] automatically changes appropriately.

—MEMO—

The [Original Paper] or [Output Paper] list varies with the model of your IP controller.
For details on the settings that can be made, refer to the user's manual for your IP controller.

Source

Select the paper source from the list shown by clicking the [▼] button.

The default is [Auto Select].

When you select [Auto Select], a paper tray is automatically selected.

Paper Type

Select the paper type from the list shown by clicking the [▼] button.

The default is [Plain].

• You have no choice but to select [Plain] unless you select [Output Tray 1] for Output Tray.

MEMO

The [Paper Type] list varies with the model of your IP controller.

For details on the settings that can be made, refer to the user's manual for your IP controller.

The Paper Type setting defaults to [Plain]. Note that you cannot select [Offset] when Paper Type other than [Plain] is selected.

Output - Output Tray

Select an output tray from the list shown by clicking the [▼] button. When the Finisher option is not selected on the [Setup] tab, or when the Finisher is not installed, any setting other than [Printer Default] and [Output Tray 1] is ineffective.

Output - Duplex

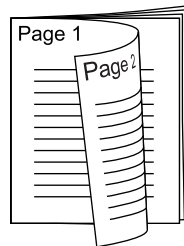Select the Duplex setting from the list shown by clicking the [▼] button.

The settings you can select are as follows:

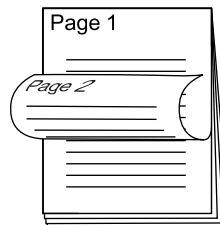[None], [Long Edge], [Short Edge]

The default is [None].

[Long Edge]
Prints paper so that heads of both sides are at the top of the paper.

[Short Edge]
Prints paper so that the head of the front becomes the foot of the back.

Output - Staple

To select the Staple position, click [Output-Staple] from the list shown by using the [▼] button.

The settings you can select are as follows:

[None], [1 Left], [1 Right], [2 Left], [2 Right], [2 Top].

The default is [None].

The [Staple] setting cannot be made when:

- [None] is selected for [Finisher] on the [Device Options] tab.
- [OHP], [OHP Interleaved], or [OHP I/L Printed] is selected for [Paper Type] on the [Setup] tab.
- The following combination is set:
  (Example: 2 Left for A3-size paper (portrait))

──MEMO──

For details on how to position the staple, refer to the user's manual for the copier.

Stapling is performed as shown for the following orientations:

2-point stapling is not available with papers of A5 size and smaller.
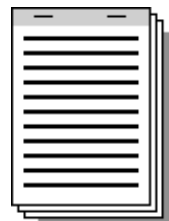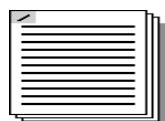
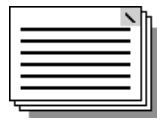| 1 Left (Portrait)	1 Right (Portrait)	2 Left (Portrait)	2 Right (Portrait)	2 Top (Portrait)

1 Left (Landscape)   1 Right (Landscape)   2 Left (Landscape)   2 Right (Landscape)   2 Top (Landscape)
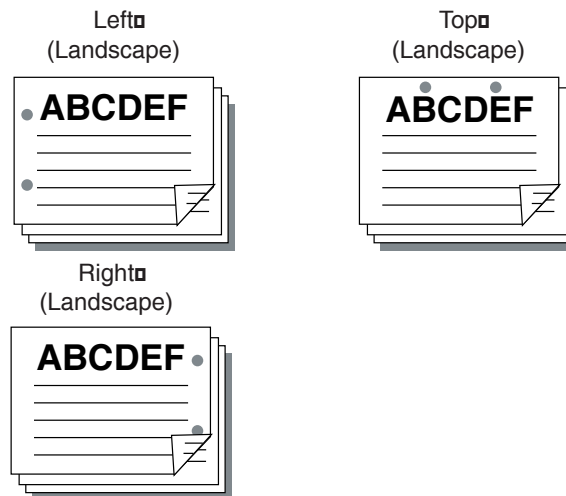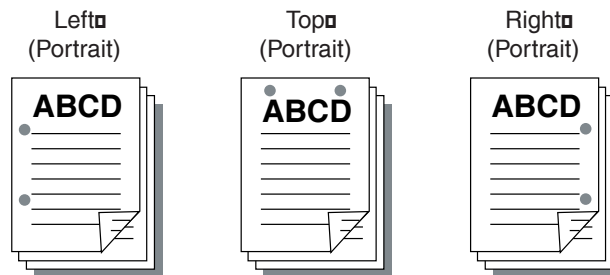Unavailable with A5-size paper
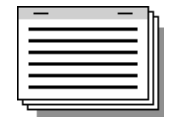
Output - Punch

Select the punch position from the list shown by clicking the [▼] button.

The settings you can select are as follows:

[Left], [Right], [Top]

For each printing orientation, punching is performed as shown below:

The [Punch] setting cannot be made when:

- [None] is selected for [Finisher] on the [Device Options] tab.
- [None] is selected for [Punch] on the [Device Options] tab.
- [OHT], [OHT Interleaved], or [OHT I/L Printed] is selected for [Paper Type] on the [Setup] tab.
- Other than [Off] is selected for [Fold/Stitch/Trim] on the [POD] tab.
- [Collate] is not checked on the [Setup] tab.
- [Sub Tray] is selected for [Output Tray] on the [Setup] tab.
- An invalid combination of staple position and punch position is selected.

(Example: Staple - 2 Top, Punch - Left)

———MEMO———

For details on the valid combinations of staple position and punch position, refer to the user's manual for the copier.

Layout

You may want to select a layout from the icon list. User-definable settings available depend on the layout selected. Clicking the [Advanced] button opens the [Advanced] dialog box, allowing additional detail setup. When [Booklet] is selected for [Layout] and you change the layout to any other than [Poster], a confirmation message will appear.

Layout - Normal

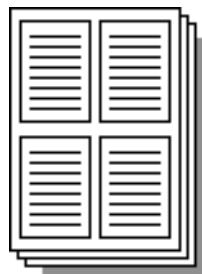No layout process is engaged, so no user-definable setting is provided and you cannot select [Advanced].

Layout - N-Up

Multiple pages are laid out and printed on a single sheet, taking in the following settings:

[2up] [4up] [6up]
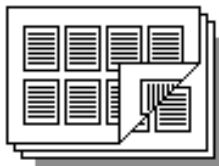
[8up] [9up] [16up]

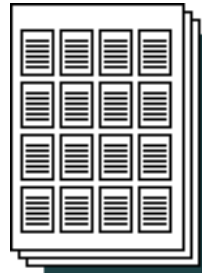|	
N-Up Order:	Specifies the number of pages to be laid out on a single sheet. You can select a number from [2], [4], [6], [8], [9] and [16].
Position:	Determines a relative print position when the laying out of pages translates into an unbalanced space.
Border:	Determines whether a border is printed between laid out pages and, if it is, which of border types to select. The default is [None (Full Size)].

[Advanced] dialog box - [N-Up] tab

Pages Per Sheet: Determines how many pages to lay out on a single sheet. The [Layout] – [N-Up] setting on the [Setup] tab changes accordingly.

Scale Borders: When checked, thins the borders. This makes available wider space for page data.

Print Page Borders: Determines whether a border is inserted between pages to be printed on a single sheet. The [Layout] – [Border] setting on the [Setup] tab changes accordingly.

Layout Type: Decides how to arrange pages.

[Advanced] dialog box - [Layout] tab

Right to Left: When checked, arranges pages from right to left. When not checked, allows pages to be arranged from left to right.

Page Placement: Determines a relative print position when a space occurs consequent to the laying out of pages. The [Layout] – [Position] setting on the [Setup] tab changes accordingly.

Size/Orientation change handling:
Determines how to output a sheet on which pages with different paper sizes or orientations are printed.

[Advanced] dialog box - [Duplex] tab

Duplex Printing: Allows you to select from [None], [Flip on Long Edge] and [Flip on Short Edge].
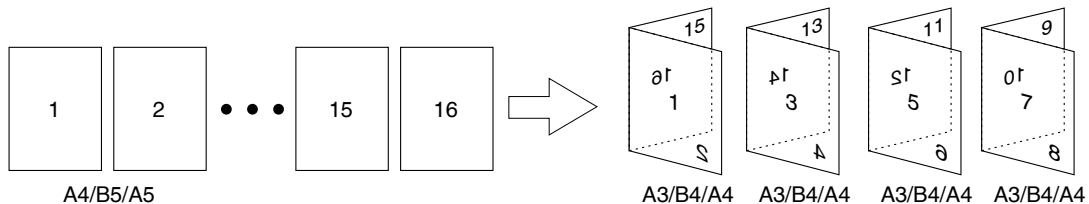
Layout - Booklet

Produces printouts that can be folded and bound into a booklet. This option cannot be selected when:

• Staple is enabled.
• Cover/Back Cover is enabled.

[Bundle_8]
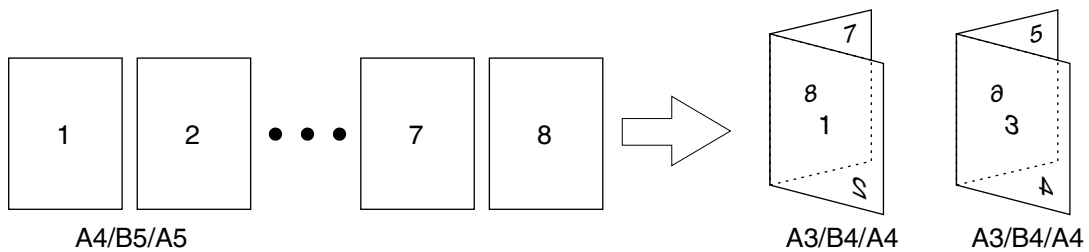
A4/B5/A5   A3/B4/A4   A3/B4/A4

[Bundle_16]

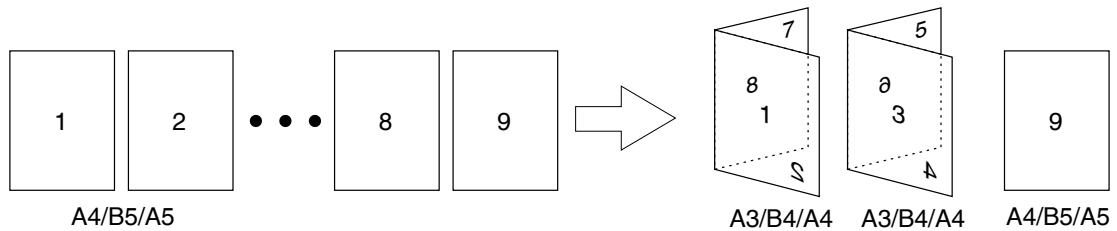A4/B5/A5   A3/B4/A4   A3/B4/A4   A3/B4/A4   A3/B4/A4

Gutter: Allows you to set the white space between the facing pages as printed out in the range of 0 to 150. The default is 100. The [Gutter] setting can further be defined by the setting for [Size Units] on the [Layout] tab.

Bundle Size: Allows you to specify how many sheets to bind into a booklet. The default [No Limit] allows you to bind all printed sheets into a booklet.

[Advanced] dialog box - [Layout] tab

Right To Left: When checked, arranges pages from right to left. When not checked, pages are arranged from left to right.

Fill Bundles: When checked, causes all sheets that follow the boundary of [Bundle Size] to take on the [Booklet] settings. In other words, checking [Fill Bundles] overrides every setting except [No Limit] for [Bundle Size] and produces the same effect as selecting [No Limit].

[Fill Bundle_OFF]

[Fill Bundle_ON]
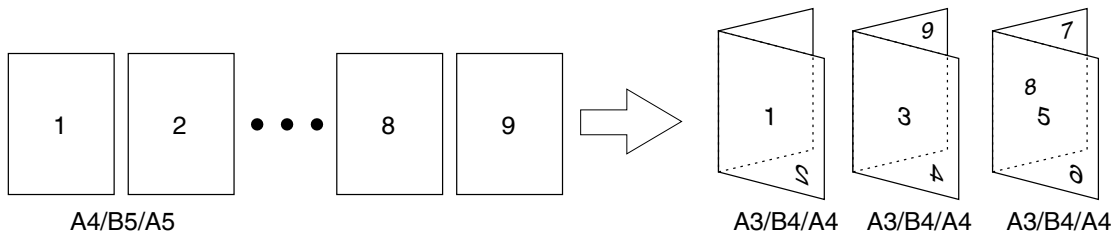
Gutter: Allows you to set the white space between the facing pages as printed out in the range of 0 to 150. The [Gutter] setting in [Layout] on the [Setup] tab changes accordingly.

Creep: Allows you to specify how far to expand the white space between the facing pages printed on outer sheets, (outer when bound into a booklet), in the range of 0 to 20. The default is 0. You may want to define the [Size Units] setting to specify how many sheets will take on the Creep setting.

Bundle Size: The size of the booklet is determined by the number of pages. This is linked to [Layout] – [Booklet] – [Bundle Size] on the [Setup] tab.

Size Units: The units for the gutters and the creeps are determined in dpi. The default setting is [Match Resolution].

Size/Orientation change handling:

                Determines the output method when a mixture of pages with different paper sizes and printing orientations is used.

[Advanced Settings] dialog box – [Duplex] tab

Duplex Printing: The [Flip on Short Edge] setting is selected and cannot be changed.

Layout – Fit

Enlarges or reduces the paper size set by the application to adjust it to the actual paper size to be printed.

[Advanced Settings] dialog box – [Fit to Page] tab

Application Page Size: The paper set is displayed by the [Original Paper] setting.
Fit To Paper Size: Determines the size of the paper to be actually printed. This is linked to [Paper] – [Output Paper] on the [Setup] tab.

[Advanced Settings] dialog box – [Layout] tab

Size/Orientation change handling:

        When a mixture of pages with different paper sizes and printing orientations is used, determines the output method.

[Advanced Settings] dialog box – [Duplex] tab

Duplex Printing: Select between the [None], [Flip on Long Edge] and [Flip on Short Edge] settings.

Layout – Scale

Perform scaled printing.

Scale Factor (%):   Determines the scaling rate in the range of 25 to 400%. The default setting is 50%.

Position: When performing scaled printing, click the [▼] button to display a list to determine the position for printing.

[Advanced Settings] dialog box – [Scaling] tab

Scale Factor (%):   Set the scaling rate in the range of 25 to 400%. This is linked to [Layout] – [Scale] – [Scale Factor] on the [Setup] tab.

[Advanced Settings] dialog box – [Layout] tab

Page Placement: Determines where to print when performing scaled printing. This is linked to [Layout] – [Scale] – [Position] on the [Setup] tab.
Size/Orientation change handling:

        Determines the output method when a mixture of pages with different paper sizes and printing orientations is used.

[Advanced Settings] dialog box – [Duplex] tab

Duplex Printing: Select between the [None], [Flip on Long Edge] and [Flip on Short Edge] settings.

Layout – Poster

Prints a page over multiple sheets.

Poster Style: Determines how pages are divided for enlargement.

Position: Determines where to print when performing poster style printing.

Scale Factor: When selecting [Poster Style] – [Custom], set the scale factor in the range from 101 to 400%. The default setting is 150%.

[Advanced Settings] dialog box – [Poster] tab

Poster Style: Determines how pages are divided for enlargement.

Overlap: Determines the amount of overlap for the borders of the divided page from 0 to 150. The default setting is 100.

Scale Factor: When selecting [Poster Style] – [Custom], set the scale factor in the range from 101 to 400%. This is linked to [Layout] – [Poster] – [Poster Factor] on the [Setup] tab.

[Advanced Settings] dialog box – [Layout] tab

Page Placement: Determines where to print when performing scaled printing. This is linked to [Layout] – [Poster] – [Position] on the [Setup] tab.

Size Units: The units for the gutters and the creeps are determined in dpi. The default setting is [Match Resolution].

Size/Orientation change handling:

                              When a mixture of pages with different paper sizes and printing orientations is used, determine the output method.

[Advanced Settings] dialog box – [Duplex] tab

Duplex Printing: The [None] setting is selected and cannot be changed.

Layout-Log/Phys

Prints a different paper size without reducing/enlarging the printing size. This enables printing of crop marks and shadows corresponding to the original paper size.

Crop Marks: Determines presence and size of crop marks.

Position: Determines where to print on the output paper.

[Advanced Settings] dialog box – [Log/Phys] tab

Application Page Size: Displays the determined paper size using the [Original Paper] setting.

Target Paper Size: Sets the actual paper size to be printed. This is linked to [Paper] – [Output Paper] on the [Setup] tab.

Crop Marks: Determines presence and size of crop marks. This is linked to [Layout] – [Log/Phys] – [Crop Marks] on the [Setup] tab.

[Advanced Settings] dialog box – [Layout] tab

Page Placement: Determines where to print on the output paper. This is linked to [Layout] – [Log/Phys] – [Position] on the [Setup] tab.

Size/Orientation change handling:

                              Determines the output method when a mixture of pages with different paper sizes and printing orientations is used.

[Advanced Settings] dialog box – [Duplex] tab

Duplex Printing: Select between the [None], [Flip On Long Edge] and [Flip On Short Edge] settings.

Security - Password

When [Password] is checked, you can use the password print function to print confidential documentation.

The [Password Setting] dialog box appears when you check this box.

When this box is checked, printing does not start unless you enter the user ID and password on the LCD touch panel of the copier.

Refer to "Print Controller user's manual" for the password print function.

⚠

Data saved to the copier for Password Print is automatically deleted 24 hours later if not output during this interval.

Security - Setting

Opens the [Password Setting] dialog box for specifying the user ID and password.

Enter your user ID of up to 5 digits (for the PS-341, PS-342, and PS-343) or 8 digits (for the PS-332, PS-351, PS-361, and PS-361M) in the [ID] text box.

Enter your password of up to 8 characters in the [Password] text box.

MEMO

If the Printer ECM feature has been set on the copier, [ID] set up in the [Settings] dialog is recognized for a password for Printer ECM.

If the Printer ECM feature has been set on the copier, you can enter the same number in the [ID] text box as that representing your password for Printer ECM. For information pertaining to the Printer ECM, refer to "Print Controller user's manual".

Sorting - Collate

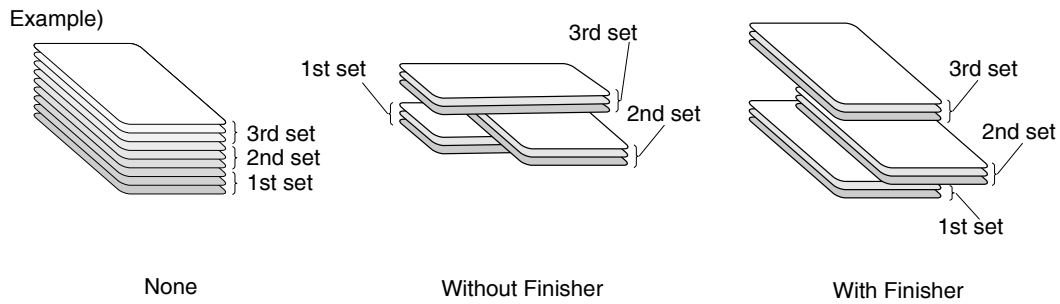This function is used to specify how to output multiple pages.

The default is ON. It is recommended that you check [Collate] on the [Paper] tab rather than select it for each application.

Collate on   Collate off

Sorting - Offset

Checking this box enables the offset function for the copier.

How to offset papers differs depending on whether the finisher is installed or not.

Example)

3rd set

1st set

3rd set

3rd set
2nd set
1st set

2nd set

2nd set

1st set

None   Without Finisher   With Finisher

- When the finisher is not installed, every set of copies is output in a direction at right angles to the previous set of copies.
- When the finisher is installed, every set of copies is offset upon exit.

MEMO

When the finisher is not installed, make sure to set the papers with the same size in both portrait tray and landscape tray.
(Example: 8.5 x 11 and 8.5 x 11R)

To enable the offset function, check the [Offset] box on the [Setup] tab.

The default is Off.

About

Clicking this button shows system information and the Printer Driver version number.

Restore Defaults

The function is used to restore all settings to their defaults.

[Covers] ([Insertion]) tab

The [Covers] tab performs the settings for the front and back covers. The tab also displays the current setting status of the [Setup] tab using an image of the output result and the list of the setting specifications.
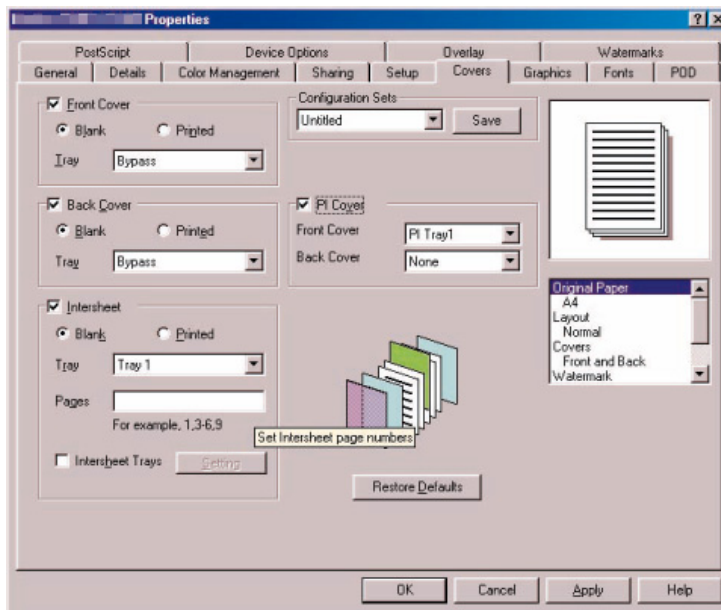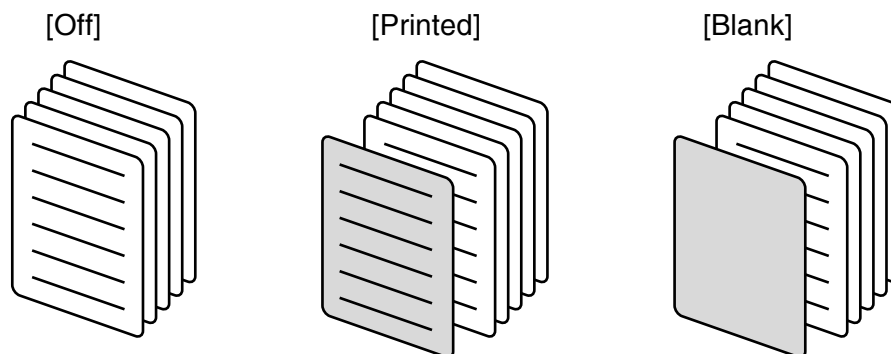

Front Cover

Checking this item inserts the front cover. The front cover cannot be set when:

- [Booklet] is set.
- Paper Type is not set to [Plain].
- The [Sort] setting is [OFF].

Blank: Outputs the front cover of the page without printing.

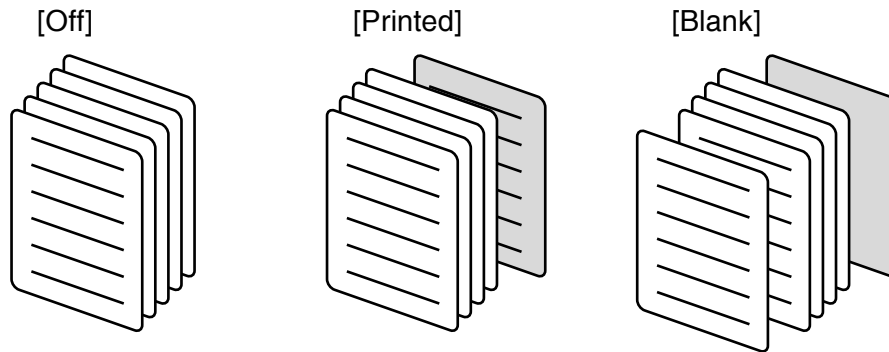Printed: Outputs and prints the front cover of the page

The default is [Off].

Back Cover

Checking this item inserts the back cover. The back cover cannot be set when:

- [Booklet] is set.
- Paper Type is not set to [Plain].
- The [Sort] setting is [OFF].

Blank: Outputs the back cover of the page without printing.
Printed: Outputs and prints the back cover of the page.

[Off]   [Printed]   [Blank]

The default is [Off].

Covers Tray

Sets the tray for the front cover/back cover. The default setting is [Bypass].

When [Paper] – [Source] on the [Setup] tab is not set to [Auto Select], the same tray cannot be selected for the item set by [Paper] – [Source] on the [Setup] tab.

PI Cover

Specifies whether a sheet in the PI tray is to be inserted as a front or back cover. You can specify a front cover and/or a back cover.

The [PI Cover] box cannot be checked when:

- [None] is selected for [Finisher] on the [Device Options] tab.
- [PI-108] is not selected for [Cover Sheet Feeder] on the [Device Options] tab.
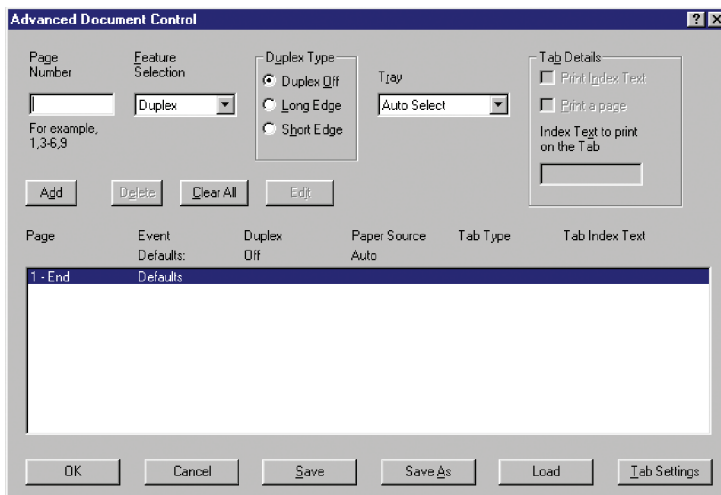
Advanced Document Settings

With UG-1, either single-sided or double-sided printing on the inserted paper can be selected for each page of the document to be printed by selecting [Advanced Document Settings] of the [Insertion] tab. This setting can be saved.

When the [Advanced Document Setting] function is active and [Source] or [Duplex] of the [Setup] tab is changed, a warning message as follows is shown.
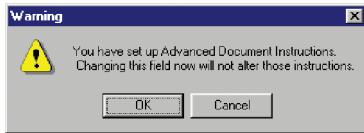
- Click the [OK] button to change the default settings of the [Advanced Document Control] dialog box.

Advanced Controls: By selecting Advanced Controls, the [Advanced Document Control] dialog box is displayed in which the Mixplex printing is set up.

[Advanced Document Control] dialog box

[Page Number]

Enter the page No. to be inserted for the tab sheet printed on one or both sides. For instance, enter "3" to specify the page 3. When specifying the page 3, 5 and 12, enter "3, 5, 12." When specifying the pages from 3 to 7, enter "3-7."

[Feature Selection]

Enter the type of the page to be inserted.

[Duplex]	The page specified in the [Page Number] field is printed on both sides. Specify the binding position for the both-sided printing in the [Duplex Type] field.
[Chapter]	Page specified is printed on the top side.
[Intersheet]	A blank sheet of paper is inserted after the page specified.
	When [0] is specified in the [Page Number] field, a blank sheet of paper is inserted at the head.

[Tab]   A tab sheet is inserted after the specified page. By selecting the [Tab Details]-[Print a page] check box, contents of the document of the specified page are printed on the inserted tab sheet.

          By entering [0] in the [Page Number] field, the tab sheet is inserted at the head.

          • The tab sheet cannot be printed on both sides.

[Duplex Type]

Specify the binding position when printing on both sides of the inserted paper.

When any type other than Duplex has been specified in the [Feature Selection] field, this function cannot be selected.

[Tray]

Used to specify the paper feeding tray.

[Tab Details]

Set up the timing when the tab sheet is used as an inserted paper.

This function cannot be set up when any item other than [Tab] has been selected.

[Print Index Text]   When setting the header characters for the tab sheet to be inserted, select this check box and enter the header characters into the [Index Text to print on the tab] text box.

[Print a page] check box When printing the contents of the document on the inserted tab sheet also, select this check box.

[Index Text to print on the tab]

          Enter the header characters for the inserted tab sheet. If the [Print Index Text] check box has not been selected, the header characters cannot be entered.

[Add] button

Contents of the setting in the [Advanced Document Control] window are listed with this button.

[Delete] button

Used to delete lines selected from the list. The line indicated as [Default] cannot be deleted.

[Clear All] button

Used to delete the contents of the list and return to the default setting screen.

By clicking the [Clear All] button, a confirmation message is indicated. To delete the list and return to the default setting screen, click the [Yes] button.

[Edit] button

Used to change the contents of the list.

Select the line to be changed, click the [Edit] button, change as required and click the [Add] button. Then the setting of the line selected can be changed.

• Setting of [Page Number] and [Feature Selection] cannot be changed.

• Setting of the line of [Default] cannot be changed.

[OK] button

To save the contents set in the [Advanced Document Control] window and return to the [Insertion] tab, click the [OK] button. A confirmation message is indicated asking whether to save the contents of the setting. To save the contents, click the [Yes] button and return to the [Insertion] tab.

[Cancel] button

To return to the [Insertion] tab without saving the settings in the [Advanced Document Control] window, click the [Cancel] button. A confirmation message is indicated. To return to the [Insertion] tab without saving the settings, click the [Yes] button and return to the [Insertion] tab.

[Save] button

Used to save the settings in the [Advanced Document Control] window. A confirmation message is indicated asking whether to save the settings and change the contents of the default settings. Click the [Yes] button to save the settings.

[Sage As] button

Used to save the setting for the first time in the [Advanced Document Control] window. By clicking the [Save As] button, the [Save K-Doc File] window is displayed. Specify where to save and the file name to save. Extension of the file name is [kdc].

[Load] button

Click the [Load] button when reading the file saved with the [Save As] button. As the [Load K-Doc File] window is displayed, select the file to be read and click the [Open] button. Then the [Advanced Document Control] window is displayed and the settings of the file selected are listed.

[Tab Settings] button

When inserting the tab sheet, set up the header characters for the tab sheet in the [Tab Sheet parameters] window.

For the settings in the [Tab Sheet parameters] window, see p.3-23

[Tab Settings]

By clicking the [Tab Settings] button in the [Advanced Document Control] window, the [Tab Sheet Parameters] window is displayed.

In the [Tab Sheet Parameters] Window, header characters and other details can be set for the tab sheet.
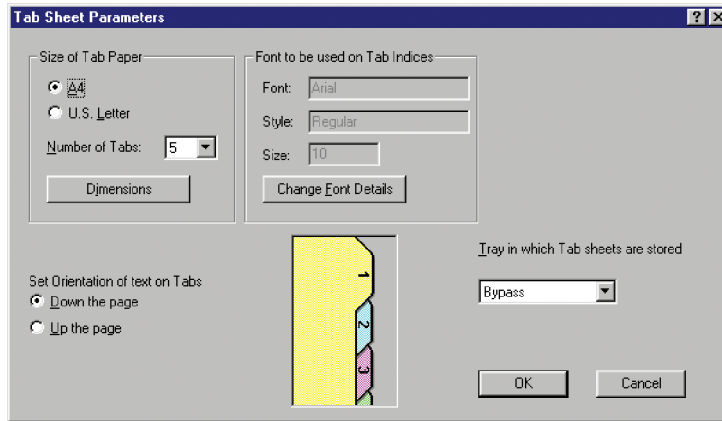
[Size of Tab Paper]

Used to set the tab sheet size and No. of tabs.

|	
[A4] button	Select when the tab sheet inserted is of the A4 size.
[U.S. Letter] button	Select when the tab sheet inserted is of the letter size.
[Number of Tabs]	Used to specify the number of tabs of the tab sheet inserted.
	• Select the number of the tabs of the tab sheet in the range of 3 to 9.
[Dimensions] button	Used in the [Tab Dimensions] window displayed by clicking the [Dimensions] button to set the length from the upper side of the paper to the center of the first tab, distance between tabs, width of the header characters, etc.

These values can be set respectively in the range as follows. (Unit: inch)

Offset to first Tab: 30-1000

Distance between Tabs: 30-1000

Printable Width: 30-1000
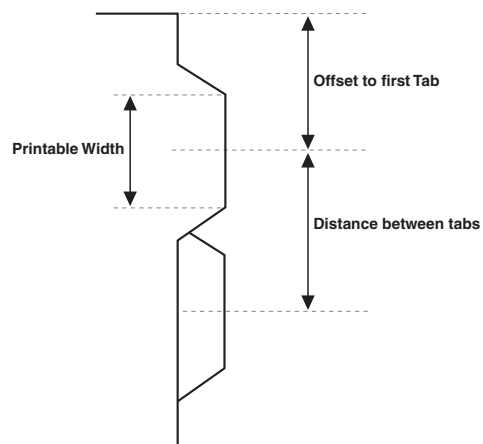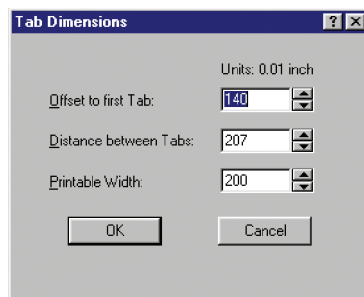
[Set Orientation of text on Tabs]

Used to select the direction of the header characters for the tab sheet.

[Font to be used on Tab Indices]

Used to specify the font, style and size of the header characters for the tab sheet.

[Change Font Detail]   Setting of the header characters for the tab sheet can be changed with this button. By clicking this button, the [Font] window is displayed. Select the font, style and size to be changed in this window.

[Tray in which Tab sheets are stored]

Used to specify the paper feeding tray for the tab sheet to be inserted.

Restore Defaults

The function is used to restore all settings to their default settings.

[Graphics] tab

The [Graphics] tab sets image rotation, reverse image rotation, resolution, etc. The tab also displays the current setting status of the [Setup] tab using an image of the output result and the list of the setting specifications.
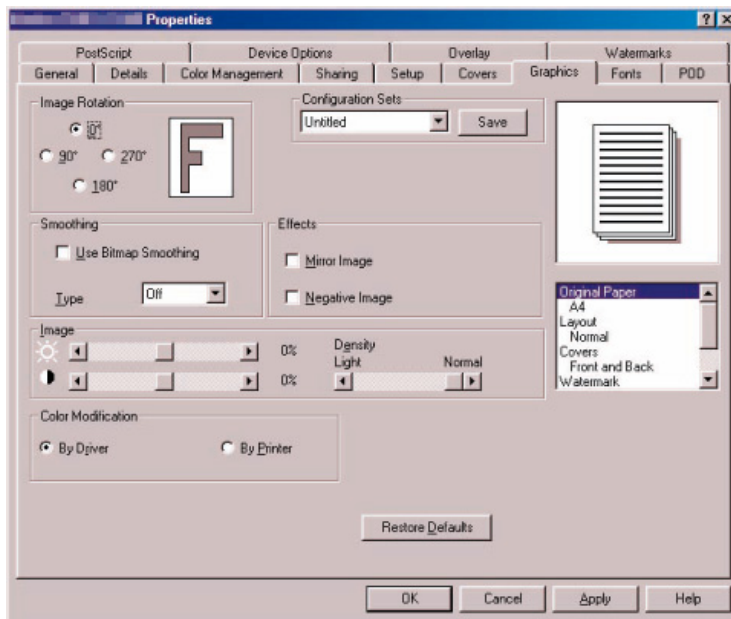
Image Rotation

Sets the rotation of the printing data to 0°, 90°, 180° or to 270° (counterclockwise).

Effects

Mirror Image:

Checking this item prints a mirror image of the printing data.

Negative Image:

Checking this item prints a negative image of the printing data.

Image

:If the graphic appears too bright, slide the brightness slider to the left.

  If the graphic appears too dark, slide the brightness slider to the right.

:To decrease contrast, slide the contrast slider to the left.

  To increase contrast, slide the contrast slider to the right.

Density:

Determines the print density of a graphic.

If a graphic appears too dark, move the slider towards [Light]. If the graphic appears too light, move the slider towards [Normal]. The default setting is [Normal].

Smoothing

Use Bitmap Smoothing:

Checking this item enables smoothing.

Type:

When you check [Use Bitmap Smoothing], click the [▼] button to select the smoothing type from the list that appears. The default is [Off].

Color Modification
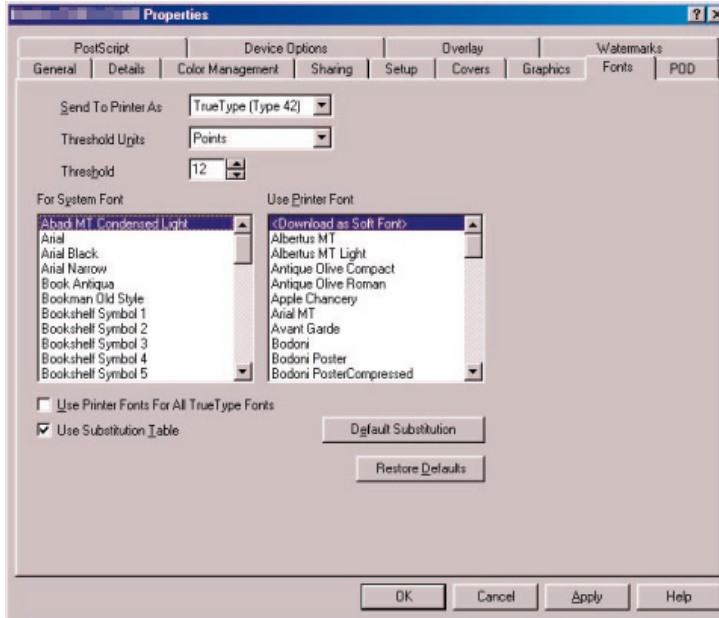
Specify whether a driver or printer is used to apply monochrome conversion to a graphic.

Restore Defaults

The function is used to restore all settings to their default settings.

[Fonts] tab

The [Fonts] tab sets the font used.

Send To Printer As

Selects [Adobe (Type1)], [Bitmap (Type3)], or [TrueType (Type 42)] as the method of sending TrueType fonts.

Threshold Units

Selects between [Points], [1/100inch], and [Pixels] as the setting unit for the threshold.

Threshold

Specify the threshold in the range from 1 to 3000.

For System Font

Displays a list of TrueType fonts installed in the system.

Use Printer Font

Displays a list of printer fonts. The selected system fonts and printer fonts indicate they can be mutually substituted, i.e. they have a substitution relationship. When reselecting the printer font, printer fonts that can be substituted are changed. Click the Default Substitution button to restore the original substitution relationship.

Use Printer Fonts For All True Type Fonts

Checking this item substitutes printer fonts for all TrueType fonts for output.

Use Substitution Table

Checking this item uses the TrueType font and printer font substitution table.

Default Substitution

Clicking the button restores the TrueType font and printer font substitution relationship.

Restore Defaults

The function is used to restore all settings to their defaults.

[PostScript] tab

The [PostScript] tab performs advanced PostScript settings. The tab also displays the current setting status of the [Setup] tab using an image of the output result and the list of the setting specifications.
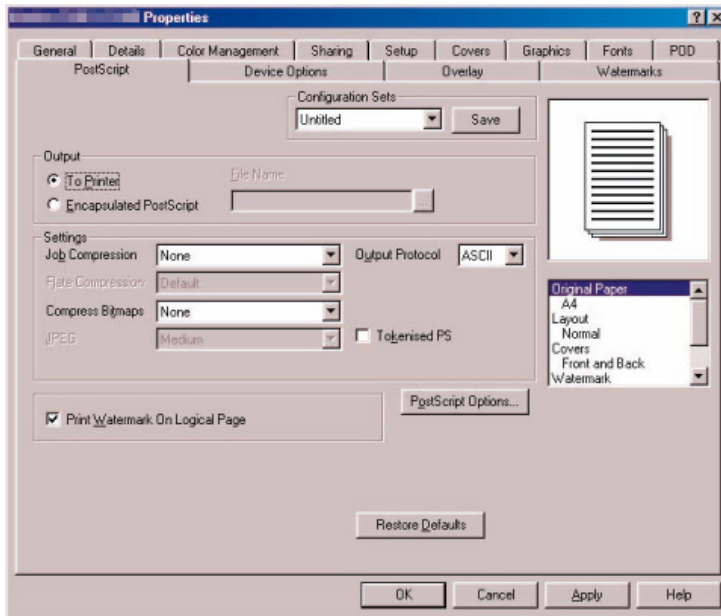
Output

To Printer:

Outputs data to the printer.

Encapsulated PostScript:

Outputs data as a file in the EPS format.

File Name:

Allows you to specify a file name when outputting data as a file in the EPS format.

Settings

Job Compression:

Offers a choice of [None], [LZW] or [Flate] as a print job compression method.

Flate Compression:

When [Flate] is selected for [Job Compression], allows you to select Flate compression modes from [Fastest], [Fast], [Default] and [Best Compression].

Compress Bitmaps:

Offers a choice of [None], [RLE], [JPEG] or [LZW] as a bitmap compression method.

JPEG:

When [JPEG] is selected in [Compress Bitmap], allows you to select JPEG modes from [High Quality], [Fast], [Medium], [Draft] and [Custom].

Output Protocol:

Offers a choice of [Pure Binary], [ASCII], [BCP] or [TBCP] as an output data format.
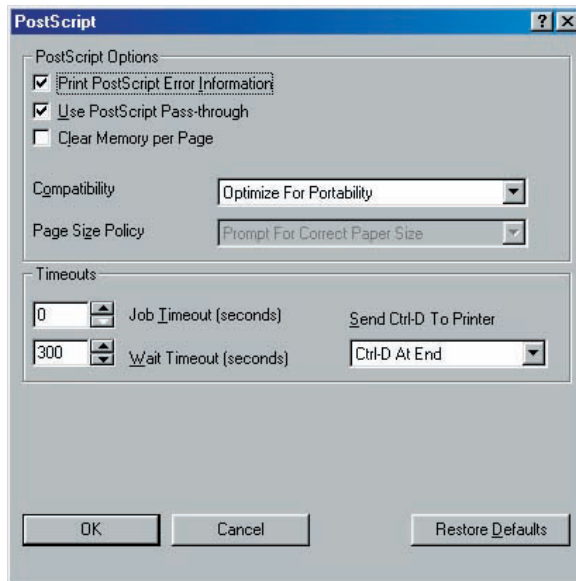
—MEMO—

[Pure Binary] is supported by Windows NT/2000/XP.

[Gamma Level] is supported by Windows NT/2000/XP.

Tokenised PS:

Checking this box enables Tokenised PS.

PostScript Options

Clicking this button displays the [PostScript] dialog box.

PostScript Options

Print PostScript Error Information:

Checking this box makes the error handler available. When this box is set as checked and an error is encountered during the printing process, an error message is printed out under the action of the error handler.

Use PostScript Pass-through:

Checking this box declares this driver as a PostScript driver. The box is checked by default.

Clear Memory per Page:

Checking this box clears the printer memory resource before running a printer job on a page-by-page basis.

Compatibility:

Allows you to select PostScript for output format.

Page Size Policy:

Determines what to do if a discrepancy occurs between the choices of tray and paper size.

Timeouts

Job Timeout (seconds):

Defines a maximum length of time in seconds available for the printer to complete a single print job.

Wait Timeout (seconds):

Defines a maximum length of time in seconds during which the printer waits for print data to be fed in from the computer during the printing process.

Send Ctrl-D To Printer:

Determines how to send a [Ctrl-D] signal to the printer to notify it of the completion of the print job at hand.

Print Enhance

Checking this box makes the halftone frequency and angle enabled.

Halftone Frequency: (Halftoning)

Set the halftone frequency in the range from [8.0] to [600.0]. The default is [75.0].

Halftone Angle: (Screen Angle)

Set the halftone angle of degree in the range from [0.0] to [360.0]. The default is [15.0]

Restore Defaults

The function is used to restore all settings in the [PostScript] dialog box to their defaults.

Print Watermark On Logical Page

Checking this box causes a watermark to be printed on every original sheet when [N-Up] or [Booklet] is selected.

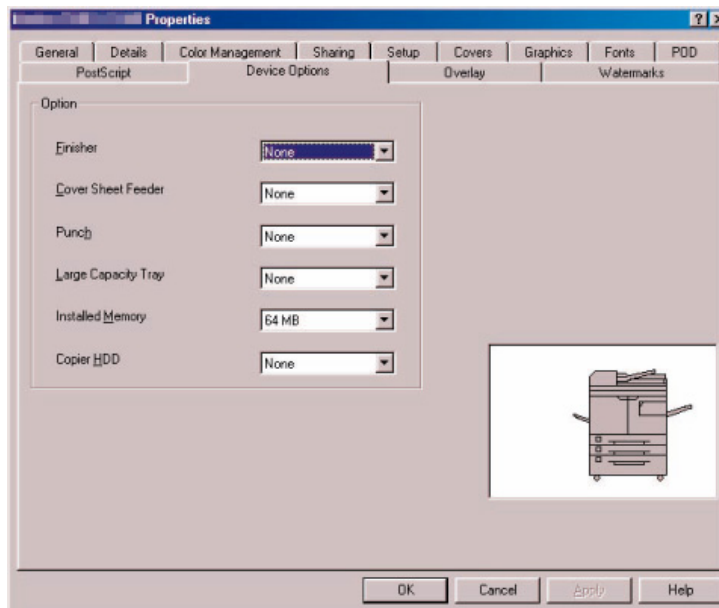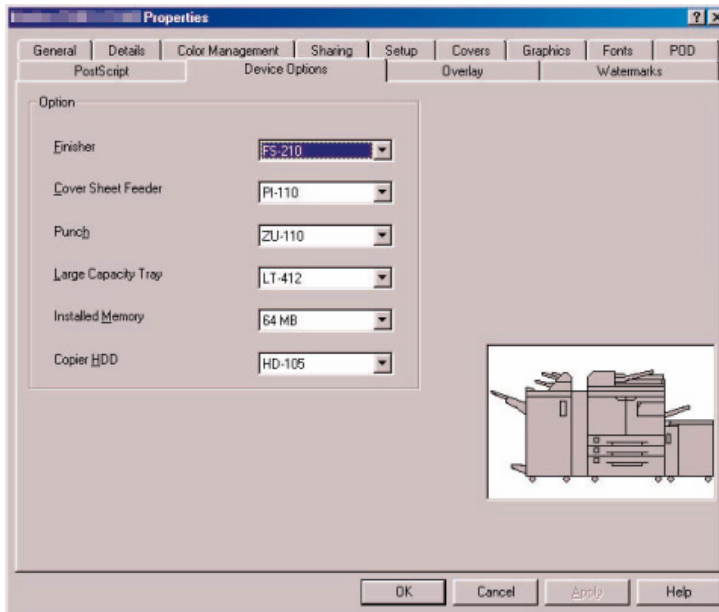Unchecking this box causes a watermark to be printed on every output sheet.

Restore Defaults

The function is used to restore all settings on the [PostScript] tab to their defaults.

[Device Options] tab

Optional products attached to the copier are set with the printer driver. The status of the copier's option settings are graphically displayed.


=MEMO=

The [Device Options] tab varies with the model of your IP controller.

For details on the settings that can be made, refer to the user's manual for your IP controller.

[Overlay] tab

The [Overlay] tab sets the overlay of the document to be printed. The tab also displays the current setting status of the [Setup] tab using an image of the output result and the list of the setting specifications. To use overlay, the overlay data must be prepared in advance.
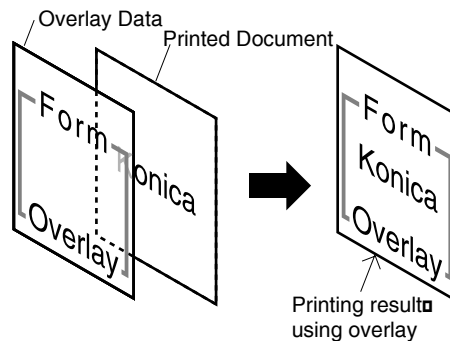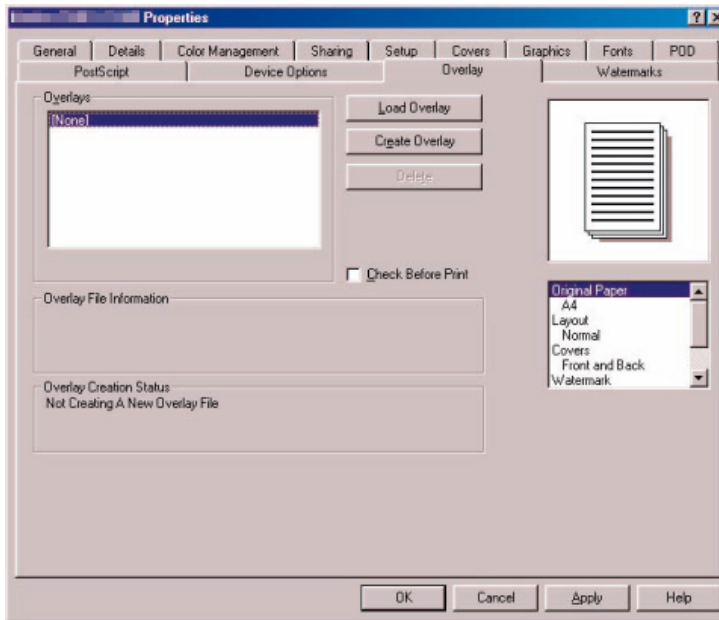
Overlays

Displays a list of stored overlay files.

When [None] is selected, the overlay function is disabled. For the overlay printing procedure, refer to "Overlay Printing Procedure."

Load Overlay

Opens the [Load Page Overlay File] dialog box that is used to select an overlay file.

Create Overlay

Opens the [Create Page Overlay] dialog box. For creating overlays, refer to "To create overlay."

Delete

Deletes the overlay file selected in the [Overlays] list.

Check Before Print

When this box is checked, a message confirming overlay printing appears during printing.

Overlay File Information

Displays information about the selected overlay file.

Overlay Creation Status

Displays the creation status of an overlay file.

To create overlay

For creating overlays, perform the following procedure.

1. **Create an overlay with the application in use.**

2. **Select [Print] from the [File] menu.**
The selected menu may differ depending on the application used.

3. **Select [Kyocera Mita** xxxx **PS VD].**
"xxxx" indicates the model name of your copier.

4. **Click [Properties].**
The property screen opens.

5. **Click the [Overlay] tab.**

6. **Click [Create Overlay].**
The [Create Page Overlay] dialog box opens.

7. **Input the file name in [File Name].**
Use "esp" as the extension.

8. **Click [OK].**
The [Create Page Overlay] dialog box closes.

9. **Click [OK] to create the overlay.**
The [Properties] dialog box closes.

10. **Click [OK] and create the overlay.**
The overlay creation confirmation dialog box appears.

11. **Click [Yes].**
The overlay data is stored.

Overlay Printing Procedure

When printing overlays, perform the following procedure.

1. **Select [Print] from the [File] menu.**
The selected menu may differ depending on the application used.

2. **Select [Kyocera Mita** xxxx **PS VD].**
"xxxx" indicates the model name of your copier.

3. **Click [Properties].**
The property screen opens.

4. **Click the [Overlay] tab.**

5. **Select the overlay file to be printed.**

6. **Click [OK].**
The [Properties] dialog box closes.

7. **Click [OK] and create the overlay.**
Along with the overlay data the document to be printed is printed on top of the overlay data. Select [Overlay], [None] after printing has been completed.

[Watermarks] tab

Performs settings concerning the watermark. A preview of the watermark that is selected or the watermark that is being edited is displayed.
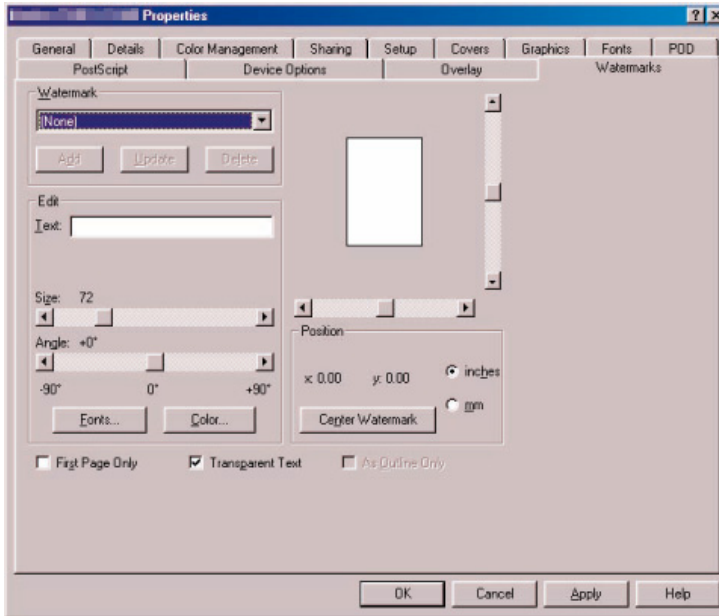
Watermark

Select whether a watermark is present and its type from [None], [CONFIDENTIAL], [COPY], [DRAFT], [FILE COPY], [FINAL], [PROOF], and [TOP SECRET]. The default is [None].

Watermark – Add

Adds an edited watermark.

Watermark – Update

Updates a watermark while it is being edited.

Watermark – Delete

Deletes the watermark selected in the list.

Edit – Text

The selected watermark is shown in this box for editing. You can also enter new characters.

Edit – Size

Set the font size for a watermark with the scroll bar.

Edit – Angle

Set the rotation angle for a watermark with the scroll bar.

Edit – Fonts

Opens the [Font] dialog box that is used to set the font for a watermark.

Edit – Color

The Printer Controller does not support colors. When you select colors, they are converted into gray and then printed.

Position

Specify the printing position of a watermark by dragging and dropping in the preview or using the scroll bar.

inches/mm: Determines the unit of the coordinates displaying the location.

Position – Center Watermark

Arranges the watermark in the center of the page.

First Page Only

When this item is checked, a watermark is printed on the first page only. When not checked, the watermark is printed on all pages.

Transparent Text

When this item is checked, characters are printed with a net pattern background that looks transparent. When not checked, the net pattern background of the characters becomes white and shadow printing data is not printed.

As Outline Only

When this item is checked, only the outline of the characters of the watermark is printed. Note that this item is enabled if the [Transparent Text] setting is disabled.

[POD] tab

The [POD] tab is used to make the settings related to book binding and finishing. The tab also displays the current setting status of the [Setup] tab using an image of the output result and the list of the setting specifications.
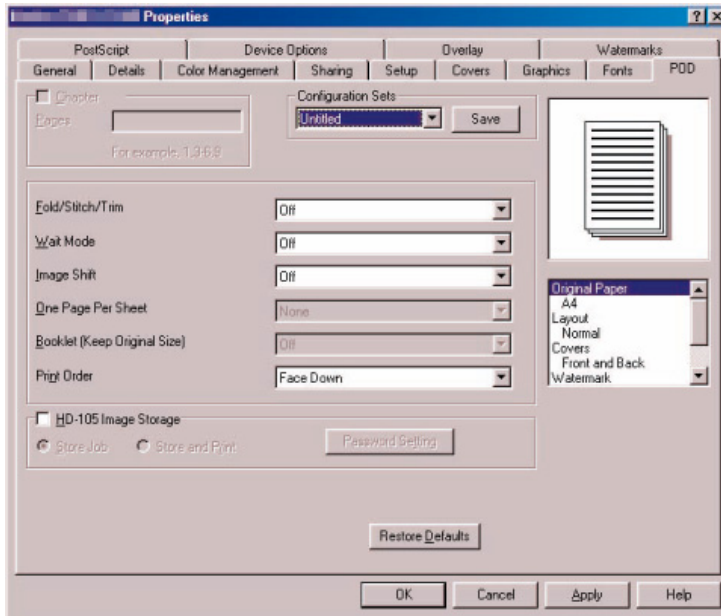
Fold/Stitch/Trim

You can select one of the following finish settings:

[Fold] makes a folded set of copies and outputs it to the finisher tray.

[Fold & Stitch] makes a folded and stitched set of copies and then outputs it to the finisher tray.

[Fold & Trim] makes a folded set of copies, cuts off the excess resulting from the folding to attain the proper size, and then outputs it to the finisher tray.

[Fold, Stitch & Trim] makes a folded and stitched set of copies, cuts off the excess resulting from the folding to attain the proper size, and then outputs it to the finisher tray.

[Z Fold (A3, B4, 11 x 17, 8K)] makes Z-folded pages (only A3, B4, 11 x 17 or 8K paper) and then outputs them to the finisher tray.

[Z Fold (8.5 x 14)] makes Z-folded pages (only 8.5 x 14 paper) and then outputs them to the finisher tray.

The [Fold/Stitch/Trim] setting cannot be made when:

- [None] is selected for [Finisher] on the [Device Options] tab.
- [OHT], [OHT Interleaved], or [OHT I/L Printed] is selected for [Paper Type] on the [Setup] tab.
- [Offset] is checked on the [Setup] tab.
- Other than [None] is selected for [Staple] on the [Setup] tab.
- Other than [None] is selected for [Punch] on the [Setup] tab.

[Fold & Trim] or [Fold, Stitch & Trim] cannot be selected when [TU-108] is not selected on the [Device Options] tab.

[Z Fold] cannot be selected when [PZ-108] is not selected for [Punch] on the [Device Options] tab.

Wait Mode

Selecting [Wait] allows you to check the current job settings on the copier's LCD touch screen. Selecting [Wait with Proof] allows you to check the current job settings on the copier's LCD touch screen and to see how the printed job looks like before printing multiple sets.

Image Shift

Selecting [On] adds a binding margin to the output paper. You can set a value for a binding margin using the copier's LCD touch screen.

One Page Per Sheet

You can print two pages on a single sheet that is double the size of the specified output paper. Selecting [2 In 1] causes two contiguous pages to be printed on one sheet. Selecting [2 Repeat] causes each page to be printed twice on one sheet. The default is [None].

2 in 1

ABCD 1 · ABCD 2 → ABCD 1 | ABCD 2

2 repeat

ABCD 1 · ABCD 2 → ABCD 1 | ABCD 1

ABCD 2 | ABCD 2
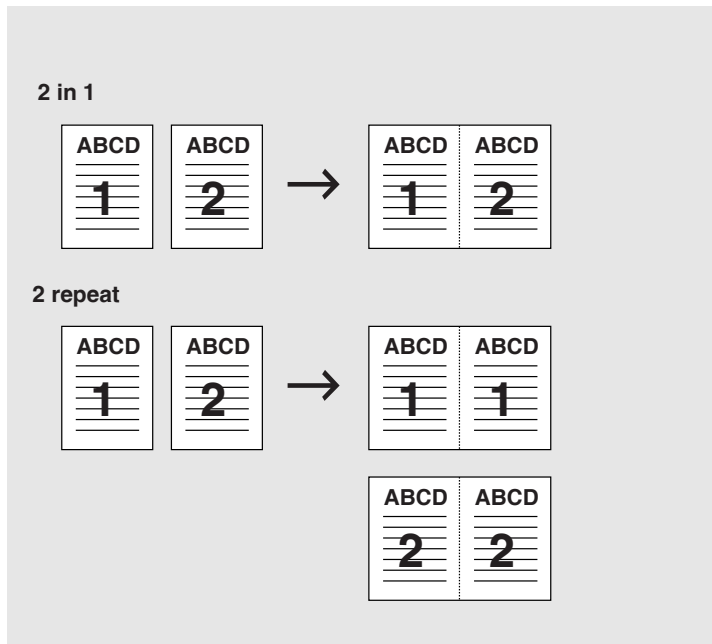
The [One Page Per Sheet] setting cannot be made when:
- [Collate] is not checked for [Sorting] on the [Setup] tab.
- [A3], [B4], [A6], [B6], [F4], [8K], [16K], [8.5 x 14], [11 x 17], [11 x 17W], [A3W], or [B4W] is selected for [Output Paper] on the [Setup] tab.
- [OHT], [OHT Interleaved], or [OHT I/L Printed] is selected for [Paper Type] on the [Setup] tab.

[2 In 1] or [2 Repeat] cannot be selected when:
- [Back Cover] and/or [Front Cover] is/are selected.

Booklet (Keep Original Size)

You can specify duplex printing to create booklets by folding the output paper into two and then stitching.

The settings you can select are as follows:

[Off], [4 in 1], [4 in 1 Right]

The [Booklet] setting cannot be made when:
- [Booklet] is selected under [Layout] on the [Setup] tab.

Print Order

You can specify whether the printed side faces up or down.

Image Storage

Specify whether print data is to be stored on the hard disk of the printer. You cannot check [Image Storage] when [None] is selected for [Copier HDD] on the [Device Options] tab.

Store Job:	Print data is stored on the hard disk of the printer.
Store and Print:	Print data is stored on the hard disk of the printer and then printed.
Password Setting:	Opens the [Password Setting] dialog box. This dialog box is used to enter the job ID and password required to store print data on the hard disk of the printer. For [ID], enter a number of up to 8 digits. For [Password], enter a password of up to 8 characters, which can consist of numbers, uppercase letters, spaces, ., -, and _. This password replaces the password specified in the dialog box that appears when you check [Security]-[Password] on the [Setup] tab.

Restore Defaults

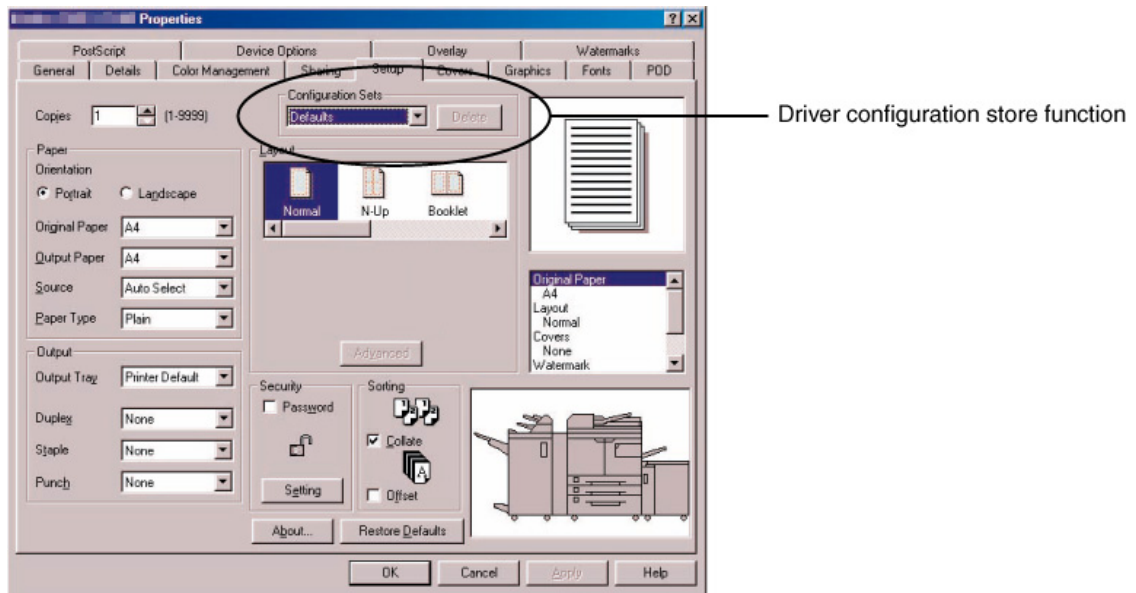This button is used to restore all the settings to their defaults.

Driver configuration store function

This function allows you to easily load saved settings during printing. This function is available on the [Setup], [Covers], [Graphics], [POD], and [PostScript] tabs. You can also delete a saved setting or restore the initial setting.


Driver configuration store function

The following settings are not saved by the driver configuration store function.

*   The [Copies] setting on the [Setup] tab
*   The ON/OFF setting of [Password] on the [Setup] tab
*   The [ID] and [Password] settings in the dialog box that appears when you click the [Setting] button or [Password] on the [Setup] tab

Saving a setting

To save the current setting, click the [Save] button, enter the configuration name in the [Configuration Name] dialog box, and then click the [OK] button. You can save the current setting only when [Untitled] appears under [Configuration Sets].
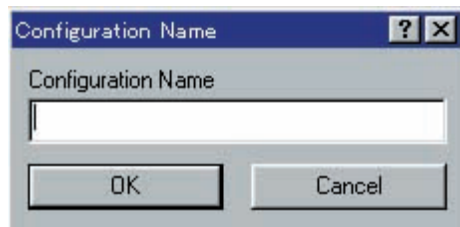
Loading a setting

To load a saved setting, select the desired setting from the [Configuration Sets] list. The current setting is replaced with the loaded setting. When you select [Defaults] from the [Configuration Sets] list, the initial setting is restored.

Deleting a setting

To delete a saved setting, select the desired setting from the [Configuration Sets] list and then click the [Delete] button. The [Delete] button appears only when a saved setting is selected.

Appendix A Troubleshooting

■ Basic Troubleshooting

For basic troubleshooting, see "Appendix A: Troubleshooting" in the Print Controller user's manual.

● Cannot get the correct outputs using the Kyocera Mita KM-8530 PS Visual Driver.

Try using the Adobe PS Driver.

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