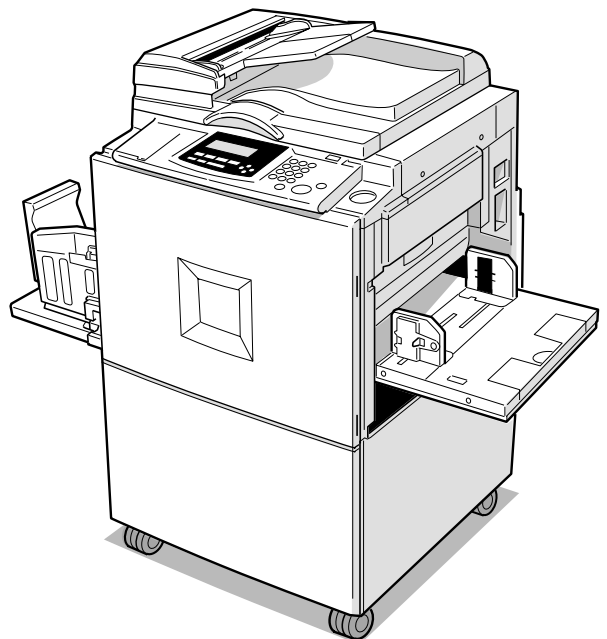


Printer Unit Type80 RCP80

Operating Instructions Printer Reference 2



For safety, please read this manual carefully before you use this product and keep it handy for future reference.

Introduction

This manual contains detailed instructions on the operation and maintenance of this machine. To get maximum versatility from this machine all operators should carefully read and follow the instructions in this manual. Please keep this manual in a handy place near the machine.

Please read the Safety Information in the Operating Instructions before using this machine. It contains important information related to USER SAFETY and PREVENTING EQUIPMENT PROBLEMS.

Important

Parts of this manual are subject to change without prior notice. In no event will the company be liable for direct, indirect, special, incidental, or consequential damages as a result of handling or operating the machine.

Warning:

Use of controls or adjustment or performance of procedures other than those specified in this manual might result in hazardous radiation exposure.

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Ethernet® is a registered trademark of Xerox Corporation.

Other product names used herein are for identification purposes only and might be trademarks of their respective companies. We disclaim any and all rights in those marks.

Notes:

Some illustrations in this manual might be slightly different from the machine.

Certain options might not be available in some countries. For details, please contact your local dealer.

Note:

The proper names of the Windows operating systems are as follows:

- The product name of Windows® 95 is Microsoft® Windows® 95.
- The product name of Windows® 98 is Microsoft® Windows® 98.
- The product name of Windows® Me is Microsoft® Windows® Millennium Edition (Windows Me).
- The product names of Windows® 2000 are as follows:
Microsoft® Windows® 2000 Advanced Server
Microsoft® Windows® 2000 Server
Microsoft® Windows® 2000 Professional
- The product names of Windows® XP are as follows:
Microsoft® Windows® XP Professional
Microsoft® Windows® XP Home Edition
- The product names of Windows NT® 4.0 are as follows:
Microsoft® Windows NT® Server 4.0
Microsoft® Windows NT® Workstation 4.0

Manuals for This Machine

The following manuals describe the operational procedures and maintenance of this machine.

To enhance safe and efficient operation of this machine, all users should read and follow the instructions carefully.

❖ **Printer Reference 1**

Describes the system settings, procedures and functions for using this machine. This manual is also included as a PDF file on the CD-ROM labeled "Printer Drivers and Utilities".

❖ **Printer Reference 2**

Describes the procedures and provides necessary information about using this machine. This manual is included as a PDF file on the CD-ROM labeled "Printer Drivers and Utilities".

❖ **Network Printing Guide Operating Instructions**

Describes the procedures and provides necessary information about setting up and using the printer under the network environment. We recommend this manual as your first choice to read, and it is included as a PDF file on the CD-ROM labeled "Printer Drivers and Utilities".

How to Read This Manual

Symbols

In this manual, the following symbols are used:

 **WARNING:**

This symbol indicates a potentially hazardous situation which, if instructions are not followed, could result in death or serious injury.

 **CAUTION:**

This symbol indicates a potentially hazardous situation which, if instructions are not followed, may result in minor or moderate injury or damage to property.

* The statements above are notes for your safety.

 **Important**

If this instruction is not followed, paper might be misfed, originals might be damaged, or data might be lost. Be sure to read this.

 **Preparation**

This symbol indicates the prior knowledge or preparations required before operating.

 **Note**

This symbol indicates precautions for operation, or actions to take after misoperation.

 **Limitation**

This symbol indicates numerical limits, functions that cannot be used together, or conditions in which a particular function cannot be used.

 **Reference**

This symbol indicates a reference.

[]

Keys that appear on the machine's display panel.

Keys and buttons that appear on the computer's display.

[]

Keys built into the machine's control panel.

Keys on the computer's keyboard.

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1. PostScript 3 - Setting Up for Printing

Windows 95/98/Me

Accessing the Printer Properties

Changing the default machine settings - Printer Properties

- 1** Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.
The **[Printers]** window appears.
- 2** Click to select the icon of the machine whose default settings you want to change.
- 3** On the **[File]** menu, click **[Properties]**.
The **[Printer Properties]** dialog box appears.
- 4** Make any settings you require and click **[OK]**.

 **Note**

- With some applications, the printer driver's settings are not used, and the application's own default settings are applied.

Making machine settings from an application

To make the machine settings for a specific application, open the **[Printer Properties]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows 95/98/Me.

 **Note**

- The actual procedures you should follow to open the **[Printer Properties]** dialog box may vary depending on the application. For more information, see the documentation that comes with the application you are using.
- Any settings you make in the following procedure are valid for the current application only.

- 1** On the **[File]** menu, click **[Print]**.

The **[Print]** dialog box appears.

 **Note**

- It is possible to set basic items such as the number of copies and the print range in this dialog box.

2 Select the machine you want to use in the [Name] list box, and then click [Properties].

The [Printer Properties] dialog box appears.

3 Make any settings you require and click [OK].

4 Click [OK] to start printing.

 **Note**

- This setting is not valid when printing from other applications.

Printer Properties Settings

Make the settings for this machine, such as the paper size, the printing speed and installable options.

 **Note**

- In this section, the setting items peculiar to this machine are explained. For other setting items, see the documentation that comes with Windows 95/98/Me or Help.
- In this section, Windows 98 is used for explanation purposes.

[Paper] tab

This tab contains paper related settings.

❖ **[Paper size]**

Select the size of the paper to be printed.

 **Note**

- An error message is displayed if the paper size in the Paper Feed Tray and the specified paper size are different.

❖ **[Orientation]**

Specify the printing orientation. When changing the orientation setting, select the "Rotated" check box to rotate and match the graphics or text to be printed with the paper direction.

❖ **[Paper source]**

Specify a paper feed tray where the paper to be used is loaded.

 **Note**

- You can only select "Paper Feed Tray" here.

❖ [Custom]

- Clicking this will display the **[Custom-Defined Size]** dialog box where custom size papers can be set. This is very convenient when printing things such as postcards and envelopes.

Reference

See ⇒ p.6 “Printing on custom sized paper”.

- When standard size paper is selected in the **[Paper size]** box, **[Custom]** will be dimmed. However, “Custom page 1”, “Custom page 2” and “Custom page 3” will still be available.

Note

- “Custom page 1”, “Custom page 2” and “Custom page 3” are displayed in the **[Paper size]** dialog box as “Custom p+”.

❖ [About]

Click to display the printer driver version and copyright.

[Graphics] tab

Use this tab for setting the printing resolution, and for enlarged and compressed printing.

❖ [Resolution]

The resolution is fixed.

Note

- The resolution may vary depending on the machine model.

❖ [Paper handling]

Use this setting for printing multiple pages on one sheet of paper.

When changing the settings for the number of pages, the sampling illustration display changes and the layout can be checked.

[Device Options] tab

This tab includes important items that must be set after the installation of the printer driver. You can display the functions of this machine by suitably configuring the machine.

Note

- When this tab is displayed from the application's print dialog box, only the **[Printer features]** group is displayed. To change the configuration of the options or the memory, choose **[Properties]** from the **[Printer]** window, and then click the **[Device Options]** tab.

❖ [Printer features]

The functions that can be used in this machine are displayed.

It is possible to make changes using **[Change setting for]**. Select the functions you want to use from **[Printer features]**, and then from the drop down menu in the **[Change setting for]** box, select the settings.

❖ Adjust Image Brightness

The brightness of the whole printed image can be adjusted to one of seven levels.

Note

- The brightness of the color of characters does not change.

❖ “Printer-Side Operation”

It is possible to perform a few things using both the machine's display panel and the printer driver installed in the computer. When “Printer-Side Operation” is set to “On”, the following items are enabled on the display panel.

- Sort
- Clear Modes
- Speed Select
- Auto-Print after Master Making
- Job Separator
- Skip Feed
- Eco. Mode
- Number of print sets

Note

- “Auto-Print after Master Making” is displayed on the machine's display panel as “Auto Cycle”.

❖ “Clear Modes”

When set to “On”, the machine settings return to their defaults before Master Making.

❖ “Auto-Print after Master Making”

When set to “On”, printing starts automatically immediately after Master Making.

❖ “Eco. Mode”

When set to “On”, the amount of ink consumption is reduced.

❖ “Speed Select”

You can select the printing speed.

❖ “Skip Feed”

- Use to make the interval between paper feeds longer, allowing the ink to dry.
- Use to print paper longer than the standard size.

❗ Limitation

- ❑ The maximum length of paper that can be printed using Skip Feed is 460mm. However, when printing on paper longer than 432mm, the delivered paper may fall off the paper delivery end plate. Therefore, you should hold the paper so that it does not fall off.

❖ “Job Separator”

When set to “On”, classifying will occur whenever the document data changes.

❖ “Sort”

When set to “On”, it is possible to deliver each print set in page order into the optional sorter.

❖ “Rotate”

When set to “180°”, the image will be rotated 180 degrees and printed. This is very convenient when printing on envelopes. ⇒ p.9 “Printing onto envelopes”

❖ “Color Separation”

It is possible to output only the color selected from Cyan, Magenta, Yellow, and Black. If “Off” is selected, separation will not be done.

❖ [Installable Option]

Set connected option devices. The following items are installable:

- Sorter
- Memory Unit

[PostScript] tab

Use this tab to make PostScript settings.

📝 Note

- ❑ When this tab is displayed from the application's print dialog box, only **[PostScript output format]** is displayed. To change the configuration of data format, choose **[Properties]** from the **[Printer]** window, and then click the **[Advanced]** on the **[PostScript]** tab.

When you click **[Advanced]** on the **[PostScript]** tab, you can set the following detailed settings of PostScript:

❖ “ASCII data”, “Binary communications protocol”, “Pure binary data”

Select the data transmission protocol. When connected using the parallel interface, select “ASCII data”. An error may occur if other protocols are selected.

❖ “Send CTRL+D before job”, “Send CTRL+D after job”

When using a network environment, clear both the “Send CTRL+D after job” check box and the “Send CTRL+D before job” check box. When connected using a parallel interface, select the “Send CTRL+D after job” check box.

[Job Log] Tab

This tab is used to adjust the settings for plug-in modules. The plug-in modules are modules that provide additional functions that cannot be implemented by the printer driver or PPD file.

Limitation

- These functions cannot be accessed from applications that use their own printer driver, such as PageMaker, etc.

Note

- The settings adjusted using this tab are used until the values for the settings are adjusted again.

[User ID]

Enter the User ID to be displayed in Job History in SmartNetMonitor for Client and SmartNetMonitor for Admin.

[User Code]

Use this to set a user code for print logging.

Enter a user code using up to eight digits. A user code identifies a group of users and allows you to check the number of sheets printed under each code with SmartNetMonitor for Admin

The following table shows the tabs or menus where you can select this function.

Reference

For more information about using SmartNetMonitor for Admin, see the Help file.

Various Types of Printing

This section introduces several printing examples from Windows 95/98 and Me. Windows 98 is used for explanation purposes.

Reference

As printing can vary depending on the application, see the respective documentation that comes with the application regarding details on settings.

Printing on custom sized paper

It is possible to make settings for custom sized paper.

Note

- It is possible to register up to three custom paper sizes.

1 Display the data to be printed.

- 2** On the [File] menu, click [Print].

The [Print] dialog box appears.

- 3** Select the machine you want to use in the [Name] list box, and then click [Properties].

- 4** In [Paper size] on the [Paper] tab, select “Custom Page 1”, “Custom Page 2” or “Custom Page 3”, and then click [Custom].

 **Note**

- “Custom Page 1”, “Custom Page 2” or “Custom Page 3” are displayed in the [Paper size] box as “Custom p+”.

The [Custom] dialog box appears.

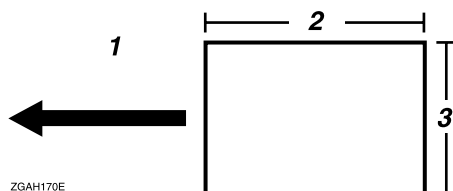
- 5** In the [Paper name] box, enter the name for the custom paper size, and select the unit to be used for setting the values in [Units].

For the [Paper name], you can enter a name of up to 63 alphanumeric characters.

- 6** Enter the size of the paper in the “Width” and “Length” boxes.

 **Important**

- In “Width”, enter the vertical length (short edge).
- In “Length”, enter the horizontal length (long edge).



1. Paper Orientation

3. Width

2. Length

 **Note**

- When [Units] has been set as “Millimeters”, the entered values may not have been set as you entered.
- The “Transverse” function cannot be used in this machine.

- 7** Click [OK].

- 8** Check to see if the set name is displayed in the [Paper size] box, and then click [OK].

- 9** Click [OK] to start printing.

Printing on paper with a nondetectable size

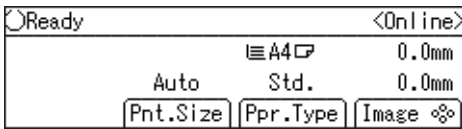
This machine automatically detects the paper size, however, there are cases where the machine cannot detect the size depending on the paper size. In these cases, follow the procedure below and manually make the desired settings.

 **Note**

- When using this function, make sure to set it in the **[Print Size def.]** in the **[Set O/L Paramet's 1/3]** of the machine's Online Parameter Settings.

1 Press the **[Online]** key on the machine.

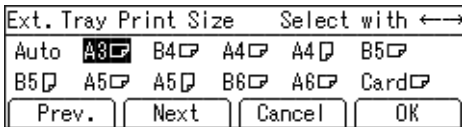
2 Press **[Pnt.Size]**.



 **Note**

- [Pnt.Size]** is only displayed when the machine is online. It will not be displayed when the machine is offline.

3 Select the paper size, and then press **[OK]**.



 **Important**

- Select a size that is bigger than the contents to be printed. If the contents are bigger than the size selected and the data is printed, it will, for example, cause the roller to get dirty.

4 Select the paper size on the computer's printer driver.

 **Important**

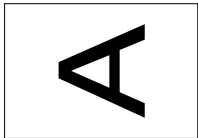
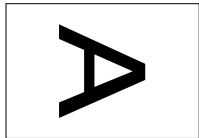

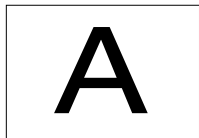

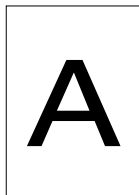
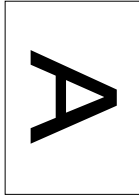
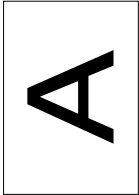
- Select the same paper size selected in the **[Pnt.Size]** setting on the machine.

5 Start printing on the computer.

Printing onto envelopes

Envelopes cannot be fed in well because the seal may get caught. In that case, you can rotate and print the image by 180 degrees using the rotate function in the printer driver.

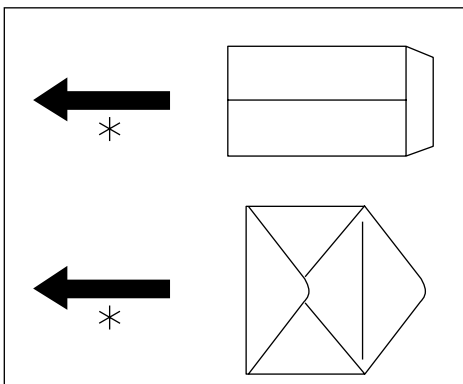
The following chart shows how the image is rotated.

Paper Feed Direction	Original Image	Rotate: Off	Rotate: 180°
Short Edge Feed	Portrait	← 	← 
	Landscape	← 	← 
Long Edge Feed	Portrait	← 	← 
	Landscape	← 	← 

Note

- If you want to print on special types of paper such as envelopes, select the type of paper in **[Ppr.Type]** on the machine's display panel. For more information about paper type setting, see the Operating Instructions.

- 1** Rotate the envelopes 180 degrees and place them in the Paper Feed Tray as shown in the illustration below.



*Paper feed direction

- 2** Set "Rotate" to "180°" on the [Device Options] tab in the printer driver.
- 3** Click [OK] to start printing .

The image is rotated and printed on the envelopes.

Windows 2000/Windows XP

Accessing the Printer Properties

1

Changing the default machine settings - Printer Properties

Limitation

- Changing the settings of the machine requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you set up options, log on using an account that has Manage Printers permission.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

Note

- With Windows XP Professional, access the **[Printers and Faxes]** window from **[Start]** on the taskbar.
- With Windows XP Home Edition, access the **[Printers and Faxes]** window by clicking **[Start]** on the taskbar. Then click **[Control Panel]**, **[Printers and Other Hardware]** and then **[Printers and Faxes]**.

2 Click to select the icon of the machine whose default settings you want to change.

3 On the **[File]** menu, click **[Properties]**.

The **[Printer Properties]** dialog box appears.

Note

- With Windows XP, click **[Add a printer]**.

4 Make any settings you require and click **[OK]**.

Note

- Settings you make here are used as the default settings for all applications.

Changing the default machine settings - Printing Preferences Properties

Limitation

- Changing the settings of the machine requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you set up options, log on using an account that has Manage Printers permission.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

Note

- With Windows XP Professional, access the **[Printers and Faxes]** window from **[Start]** on the taskbar.
- With Windows XP Home Edition, access the **[Printers and Faxes]** window by clicking **[Start]** on the taskbar. Then click **[Control Panel]**, **[Printers and Other Hardware]** and then **[Printers and Faxes]**.

2 Click to select the icon of the machine whose default settings you want to change.

3 On the **[File]** menu, click **[Printing Preferences]**.

The **[Printing Preferences]** dialog box appears.

4 Make any settings you require and click **[OK]**.

Note

- Settings you make here are used as the default settings for all applications.

Making machine settings from an application

To make the machine settings for a specific application, open the **[Print]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows 2000/Windows XP.

Note

- The actual procedures you should follow to open the **[Print]** dialog box may vary depending on the application. For more information, see the documentation that comes with the application you are using.
- Any settings you make in the following procedure are valid for the current application only.

1 On the **[File]** menu, click **[Print]**.

The **[Print]** dialog box appears.

2 Select the machine you want to use in the **[Select Printer]** box.

 **Note**

- With Windows XP, click **[Preference]** to open the Printer Preference window.

3 Make any settings you require and click **[Print]** to start printing.

Printer Properties Settings

Make the settings for this machine, such as the memory capacity installed in this machine, the paper size for the trays, and the availability of options.

 **Note**

- In this section, the setting items peculiar to this machine are explained. For other setting items, see the documentation that comes with Windows 2000/Windows XP or Help.

[Device Settings] tab

When the item to be set is clicked, a drop down list will appear on the right. Click the list to open it and make a setting.

❖ **[Form To Tray Assignment]**

Paper sizes can be assigned to every tray. Normally, they are not set. You can also select “Not Available”.

❖ **[Font Substitution Table]**

Edit the TrueType Font Substitution Table.

- Font Substitution

You can set whether to replace fonts that are on the Font Substitution Table with any other fonts. Replacing a TrueType Font and the printer font can speed up printing.

- ① When a “+” is displayed on the left side of **[Font Substitution Table]**, click it and the items below will be displayed. A list of the fonts installed on the computer will be displayed.
- ② Click the name of the TrueType font to be replaced.
A drop down list will be displayed on the right side of the font name.
- ③ Click the name of font to replace the TrueType font from the drop down menu.
 - There may be slight differences between the screen and the printed output such as the carriage position, when font replacement is performed.

❖ **[Available PostScript Memory]**

The memory capacity of the machine is displayed. Normally this does not have to be set here.

❖ **[Output Protocol]**

Select the data communication protocol. When connected to a parallel interface, select “ASCII”. An error may occur if other protocols are used.

❖ **[Installable Options]**

Set connected option devices. The following items are installable:

- Sorter
- Memory Unit

Print Setting Details

The necessary print settings, such as paper size or print orientation, can be set when printing from applications.

The print settings in the applications become the initial settings of the application.

[Layout] tab

Set the print orientation and the order in which the pages are printed.

❖ **[Orientation]**

Specify the print orientation. When changing the specified orientation and selecting “Rotated Landscape”, the paper will be rotated 90 degrees counter-clockwise and printed.

❖ **[Page Order]**

Specify the order in which the pages are printed. When “Front to Back” is specified, the first page will be printed as the top page. When “Back to Front” is specified, the first page will be printed as the last page.

❖ **[Pages Per Sheet]**

Specify the number of pages printed on one sheet of paper. For example, if “1” is specified, one page will be printed on one sheet. If “2” is specified, two pages will be printed on one sheet.

[Paper/Quality] tab

Set the Paper Feed Tray to be used and the color.

❖ **[Tray Selection]**

Specifies a paper feed tray to be used for printing.

 **Note**

Select “Paper Feed Tray” here.

❖ **[Color]**

Normally, selecting “Color” is recommended.

[Advanced] dialog box

This dialog box is displayed when you click **[Advanced]** on the **[Paper/Quality]** tab or the **[Layout]** tab. Here you can set detailed items about the paper size and the functions of the machine.

❖ [Paper/Output]

❖ “Paper Size”

Select the size of the paper to be printed.

Note

- It is possible to set the size of custom paper when selecting “PostScript Custom Page Size”. See p.17 “Printing on custom sized paper”.

❖ “Collated”

If you select more than “2” in “Copy Count”, “Collated” will become enabled. Make sure to regularly clear the “Collated” check box, because if “Collated” is not cleared, master making may be done everytime a page is going to be printed.

❖ [Graphic]

❖ “TrueType Font”

TrueType Font can replace printer fonts by following the “Font Substitution Table” when “Substitute with Device Font” is selected.

❖ [Printer Features]

❖ Adjust Image Brightness

The brightness of the whole printed image can be adjusted to one of seven levels.

Note

- The brightness of the color of characters does not change.

❖ “Printer-Side Operation”

Settings can be made using the printer driver on the computer and the machine's display panel. When “Printer-Side Operation” is set to “On”, the following items can be set on the display panel.

- Sort
- Clear Modes
- Speed Select
- Auto-Print after Master Making
- Job Separator
- Skip Feed
- Eco. Mode
- Number of print sets

 **Note**

- ❑ “Auto-Print after Master Making” is displayed on the machine's display panel as “Auto Cycle”.

❖ “Clear Modes”

When set to “On”, the machine settings return to their defaults before Master Making.

❖ “Auto-Print after Master Making”

When set to “On”, printing starts automatically immediately after Master Making.

❖ “Eco. Mode”

When set to “On”, the amount of ink consumption is reduced.

❖ “Speed Select”

You can select the printing speed.

❖ “Skip Feed”

- Use to make the interval between paper feeds longer, allowing the ink to dry.
- Use to print paper longer than the standard size.

 **Limitation**

- ❑ The maximum length of paper that can be printed using Skip Feed is 460mm. However, when printing on paper longer than 432mm, the delivered paper may fall off the paper delivery end plate. Therefore, you should hold the paper so that it does not fall off.

❖ “Job Separator”

When set to “On”, classifying will occur whenever the document data changes.

❖ “Sort”

When set to “On”, it is possible to deliver each print set in page order into the optional sorter.

❖ “Rotate”

When set to “180°”, the image will be rotated 180 degrees and printed. This is very convenient when printing on envelopes. ⇒ p.20 “Printing onto envelopes”

❖ “Color Separation”

It is possible to output only the color selected from Cyan, Magenta, Yellow, and Black. If “Off” is selected, separation will not be done.

[Job Log] Tab

This tab is used to adjust the settings for plug-in modules. The plug-in modules are modules that provide additional functions that cannot be implemented by the printer driver or PPD file.

Limitation

- These functions cannot be accessed from applications that use their own printer driver, such as PageMaker, etc.

Note

- The settings adjusted using this tab are used until the values for the settings are adjusted again.

❖ [User ID]

Enter the User ID to be displayed in Job History in SmartNetMonitor for Client and SmartNetMonitor for Admin.

❖ [User Code]

Use this to set a user code for print logging.

Enter a user code using up to eight digits. A user code identifies a group of users and allows you to check the number of sheets printed under each code with SmartNetMonitor for Admin.

The following table shows the tabs or menus where you can select this function.

Reference

For more information about using SmartNetMonitor for Admin, see the Help file.

Various Types of Printing

This section introduces several printing examples from Windows 2000/Windows XP.

Reference

As printing can vary depending on the application, see the respective documentation that comes with the application regarding details on settings.

Printing on custom sized paper

It is possible to make settings for custom sized paper.

1 Display the data to be printed.

2 On the [File] menu, click [Print].

The [Print] dialog box appears.

3 Select the machine you want to use in the [Select Printer] box on the [General] tab.

4 Click [Advanced] on the [Layout] tab or on the [Paper/Quality] tab.
The [Advanced Options] dialog box appears.

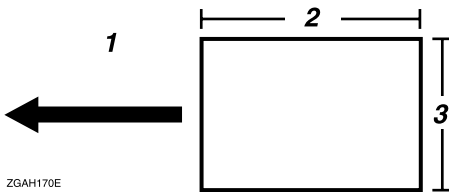
5 Click “Paper Size” and from the drop down menu on the right, click “Post-Script Custom Page Size”.
The [PostScript Custom Page Size Definition] dialog box appears.

6 Select the unit to be used for settings the values in [Unit].

7 Enter the size of the paper in the “Width” and “Height” boxes.

Important

- In “Width”, enter the vertical length (short edge).
- In “Height”, enter the horizontal length (long edge).



1. Paper Orientation

3. Width

2. Height

Note

- When [Unit] has been set as “Millimeter”, the entered values may not have been set as you entered.
- [Paper Feed Direction] and other items do not necessarily have to be set.

8 Click [OK].

The [Advanced Options] dialog box reappears.

9 Click [OK].

The [Print] dialog box reappears.

10 Click [Print] to start Printing.

Printing on paper with a nondetectable size

This machine automatically detects the paper size, however, there are cases where the machine cannot detect the size depending on the paper size. In these cases, follow the procedure below and manually make the desired settings.

Note

- When using this function, make sure to set it in the **[Print Size def.]** in the **[Set O/L Paramet's 1/3]** of the machine's Online Parameter Settings.

1 Press the **[Online]** key on the machine.

2 Press **[Pnt.Size]**.

Ready	<Online>	
	A4	0.0mm
Auto	Std.	0.0mm
Pnt.Size	Ppr.Type	Image

Note

- [Pnt.Size]** is only displayed when the machine is online. It will not be displayed when the machine is offline.

3 Select the paper size, and then press **[OK]**.

Ext. Tray Print Size		Select with ←→	
Auto	A3	B4	A4
B5	A5	A5	B6
		A6	Card
Prev.	Next	Cancel	OK

Important

- Select a size that is bigger than the contents to be printed. If the contents are bigger than the size selected and the data is printed, it will, for example, cause the roller to get dirty.

4 Select the paper size on the computer's printer driver.

Important

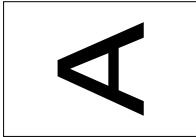
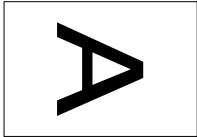
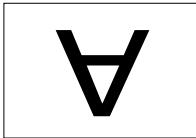
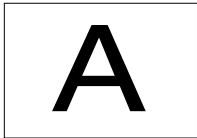

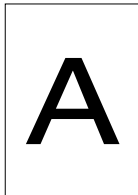
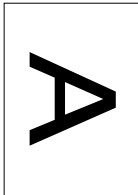
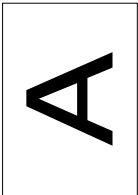
- Select the same paper size selected in the **[Pnt.Size]** setting on the machine.

5 Start printing on the computer.

Printing onto envelopes

Envelopes cannot be fed in well because the seal may get caught. In that case, you can rotate and print the image by 180 degrees using the rotate function in the printer driver.

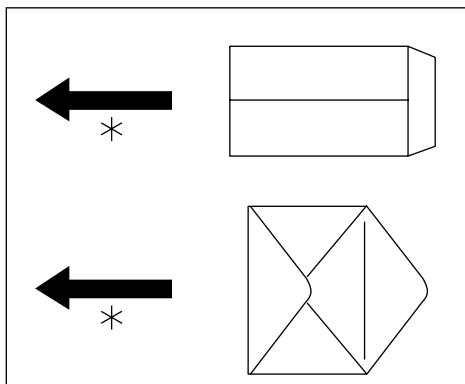
The following chart shows how the image is rotated.

Paper Feed Direction	Original Image	Rotate: Off	Rotate: 180°
Short Edge Feed	Portrait	← 	← 
	Landscape	← 	← 
Long Edge Feed	Portrait	← 	← 
	Landscape	← 	← 

 **Note**

- ❑ If you want to print on special types of paper such as envelopes, select the type of paper in **[Ppr.Type]** on the machine's display panel. For more information about paper type setting, see the Operating Instructions.

- 1** Rotate the envelopes 180 degrees and place them in the Paper Feed Tray as shown in the illustration below.



*Paper feed direction

- 2** Set "Rotate" to "180°" on [Advanced] on the [Layout] tab or the [Paper/Quality] tab in the printer driver.
- 3** Click [Print] to start printing .

The image is rotated and printed on the envelopes.

Windows NT 4.0

1

Accessing the Printer Properties

Changing the default machine settings - Printer Properties

Limitation

- Changing the setting of the machine requires Full Control access permission. Members of the Administrators, Server Operators, Print Operators, and Power Users groups have Full Control permission by default. When you set up options, log on using an account that has Full Control permission.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears .

2 Click to select the icon of the machine whose default settings you want to change.

3 On the **[File]** menu, click **[Properties]**.

The **[Printer Properties]** dialog box appears.

4 Make any settings you require and click **[OK]**.

Note

- Settings you make here are used as the default settings for all applications.

Changing the default machine settings - Default Document Properties

Limitation

- Changing the setting of the machine requires Full Control access permission. Members of the Administrators, Server Operators, Print Operators, and Power Users groups have Full Control permission by default. When you set up options, log on using an account that has Full Control permission.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

2 Click to select the icon of the machine whose default settings you want to change.

3 On the **[File]** menu, click **[Document Defaults]**.

The **[Default Document Properties]** dialog box appears.

4 Make any settings you require and click [OK]. **Note**

- Settings you make here are used as the default settings for all applications.

Making machine settings from an application

To make the machine settings for a specific application, open the **[Printer Properties]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows NT 4.0.

 **Note**

- The actual procedures you should follow to open the **[Printer Properties]** dialog box may vary depending on the application. For more information, see the documentation that comes with the application you are using.
- Any settings you make in the following procedure are valid for the current application only.

1 On the **[File]** menu, click **[Print]**.

The **[Print]** dialog box appears.

2 Select the machine you want to use in the **[Name]** list box, and then click **[Properties]**.

The **[Document Properties]** dialog box appears.

3 Make any settings you require and click **[OK]**.**4** Click **[OK]** to start printing.

Printer Properties Settings

Make the settings for this machine, such as the memory capacity installed in this machine, the paper size for the trays, and the availability of options.

 **Note**

- In this section, the setting items peculiar to this machine are explained. For other setting items, see the documentation that comes with Windows NT 4.0 or Help.

[Device Settings] tab

When the item to be set is clicked, a drop down list will appear on the right. Click the list to open it and make a setting.

❖ [Form To Tray Assignment]

Paper sizes can be assigned to every tray. Normally, they are not set. You can also select "Not Available".

❖ [Font Substitution Table]

Edit the TrueType Font Substitution Table.

- Font Substitution

You can set whether to replace fonts that are on the Font Substitution Table with any other fonts. Replacing a TrueType Font and the printer font can speed up printing.

- ① When a “+” is displayed on the left side of the **[Font Substitution Table]**, click it and the items below will be displayed. A list of the fonts installed on the computer will be displayed.
- ② Click the name of the TrueType font to be replaced.
- ③ Click the name of font to replace the TrueType font from the fonts displayed below.
In the < > of the **[Font Substitution Table]** the font used for replacement is displayed.
- ④ After the replacement settings are complete, click **[OK]**.
 - There may be slight differences between the screen and the printed output such as the carriage position, when font replacement is performed.

❖ [Available PostScript Memory]

The memory capacity of the machine is displayed. Normally this does not have to be set here.

❖ [Output Protocol]

Select the data communication protocol. When connected to a parallel interface, select “ASCII”. An error may occur if other protocols are used.

❖ [Installable Options]

Set connected option devices. The following items are installable:

- Sorter
- Memory Unit

Print Setting Details

The necessary print settings, such as paper size or print orientation, can be set when printing from applications.

The print settings in the applications become the initial settings of the application.

[Page Setup] tab

Use this tab to make paper related settings.

❖ [Paper Size]

Select the size of the paper to be printed.

! Limitation

- All of the paper sizes which are registered on Windows NT 4.0 are displayed. However, do not select paper sizes that cannot be used by this machine.

📝 Note

- You can set custom paper sizes when selecting **[PostScript Custom Page Size]**. See p.28 "Printing on custom sized paper".

❖ [Paper Source]

Specify a paper feed tray where the paper to be used is loaded.

📝 Note

- Select "Paper Feed Tray" here.

❖ [Color Appearance]

Normally, selecting "Color" is recommended.

[Advanced] tab

When clicking items to be set, the "Change Setting" box appears. Select the items to be set from the "Change Setting" box.

❖ [Paper/Output]

❖ "Paper Size"

Select the size of the paper to be printed.

! Limitation

- All of the paper sizes which are registered on Windows NT 4.0 are displayed. However, do not select paper sizes that cannot be used by this machine.

📝 Note

- It is possible to set custom paper sizes when selecting **[PostScript Custom Page Size]**. See p.28 "Printing on custom sized paper".

❖ “Paper Source”

Specify a paper feed tray where the paper to be used is loaded.

 Note

- Select “Paper Feed Tray” here.

❖ [Graphic]**❖ “TrueType Font”**

TrueType Font can replace printer fonts by following the “Font Substitution Table” when “Substitute with Device Font” is selected.

❖ [Printer Features]**❖ Adjust Image Brightness**

The brightness of the whole printed image can be adjusted to one of seven levels.

 Note

- The brightness of the color of characters does not change.

❖ “Printer-Side Operation”

Settings can be made using the printer driver on the computer and the machine's display panel. When “Printer-Side Operation” is set to “On”, the following items can be set on the display panel.

- Sort
- Clear Modes
- Speed Select
- Auto-Print after Master Making
- Job Separator
- Skip Feed
- Eco. Mode
- Number of print sets

 Note

- “Auto-Print after Master Making” is displayed on the machine's display panel as “Auto Cycle”.

❖ “Clear Modes”

When set to “On”, the machine settings return to their defaults before Master Making.

❖ “Auto-Print after Master Making”

When set to “On”, printing starts automatically immediately after Master Making.

❖ “Eco. Mode”

When set to “On”, the amount of ink consumption is reduced.

❖ “Speed Select”

You can select the printing speed.

❖ “Skip Feed”

- Use to make the interval between paper feeds longer, allowing the ink to dry.
- Use to print paper longer than the standard size.

📌 Limitation

- The maximum length of paper that can be printed using Skip Feed is 460mm. However, when printing on paper longer than 432mm, the delivered paper may fall off the paper delivery end plate. Therefore, you should hold the paper so that it does not fall off.

❖ “Job Separator”

When set to “On”, classifying will occur whenever the document data changes.

❖ “Sort”

When set to “On”, it is possible to deliver each print set in page order into the optional sorter.

❖ “Rotate”

When set to “180°”, the image will be rotated 180 degrees and printed. This is very convenient when printing on envelopes. ⇒ p.31 “Printing onto envelopes”

❖ “Color Separation”

It is possible to output only the color selected from Cyan, Magenta, Yellow, and Black. If “No” is selected, separation will not be done.

[Job Log] Tab

This tab is used to adjust the settings for plug-in modules. The plug-in modules are modules that provide additional functions that cannot be implemented by the printer driver or PPD file.

📌 Limitation

- These functions cannot be accessed from applications that use their own printer driver, such as PageMaker, etc.

📌 Note

- The settings adjusted using this tab are used until the values for the settings are adjusted again.

❖ [User ID]

Enter the User ID to be displayed in Job History in SmartNetMonitor for Client and SmartNetMonitor for Admin.

❖ [User Code]

Use this to set a user code for print logging.

Enter a user code using up to eight digits. A user code identifies a group of users and allows you to check the number of sheets printed under each code with SmartNetMonitor for Admin.

The following table shows the tabs or menus where you can select this function.

 Reference

For more information about using SmartNetMonitor for Admin, see the Help file.

Various Types of Printing

This section introduces several printing examples from Windows NT 4.0.

 Reference

As printing can vary depending on the application, see the respective documentation that comes with the application regarding details on settings.

Printing on custom sized paper

It is possible to make settings for custom sized paper.

1 Display the data to be printed.

2 On the [File] menu, click [Print].

The [Print] dialog box appears.

3 Select the machine you want to use in the [Name] list box, and then click [Properties].

The [Document Properties] dialog box appears.

4 Click the [Advanced] tab.

5 Click "Paper Size", and from [Change 'Paper Size' Setting], click [PostScript Custom Page Size].

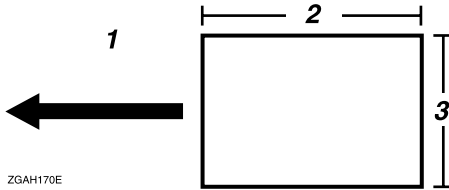
The [PostScript Custom Page Size Definition] dialog box appears.

6 Select the unit to be used for setting the values in [Unit].

7 Enter the size of the paper in the “Width” and “Height” boxes.

Important

- In “Width”, enter the vertical length (short edge).
- In “Height”, enter the horizontal length (long edge).



1. Paper Orientation

3. Width

2. Height

Note

- When [Unit] has been set as “Millimeter”, the entered values may not have been set as you entered.
- [Paper Feed Direction] and other items do not necessarily have to be set.

8 Click [OK].

The [Document Properties] dialog box reappears.

9 Click [OK].

The [Print] dialog box reappears.

10 Click [OK] to start printing .

Printing on paper with a nondetectable size

This machine automatically detects the paper size, however, there are cases where the machine cannot detect the size depending on the paper size. In these cases, follow the procedure below and manually make the desired settings.

Note

- When using this function, make sure to set it in the **[Print Size def.]** in the **[Set O/L Paramet's 1/3]** of the machine's Online Parameter Settings.

1 Press the **[Online]** key on the machine.

2 Press **[Pnt.Size]**.

Ready	<Online>		
	≡ A4		0.0mm
Auto	Std.		0.0mm
Pnt.Size	Ppr.Type	Image	☺

Note

- [Pnt.Size]** is only displayed when the machine is online. It will not be displayed when the machine is offline.

3 Select the paper size, and then press **[OK]**.

Ext. Tray Print Size		Select with ←→	
Auto	A3	B4	A4
B5	A5	A5	B6
		A6	Card
Prev.	Next	Cancel	OK

Important

- Select a size that is bigger than the contents to be printed. If the contents are bigger than the size selected and the data is printed, it will, for example, cause the roller to get dirty.

4 Select the paper size on the computer's printer driver.

Important

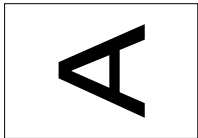
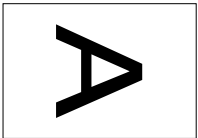

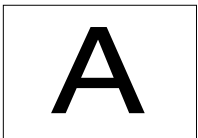

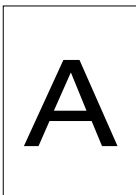
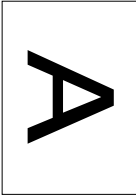

- Select the same paper size selected in the **[Pnt.Size]** setting on the machine.

5 Start printing on the computer.

Printing onto envelopes

Envelopes cannot be fed in well because the seal may get caught. In that case, you can rotate and print the image by 180 degrees using the rotate function in the printer driver.

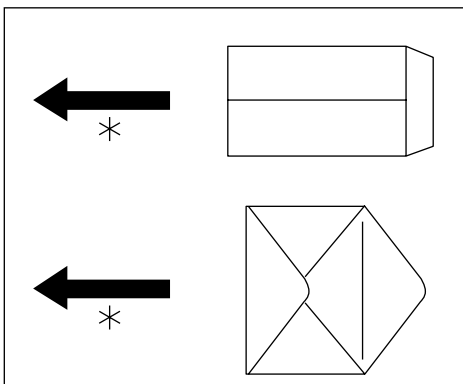
The following chart shows how the image is rotated.

Paper Feed Direction	Original Image	Rotate: Off	Rotate: 180°
Short Edge Feed	Portrait		
	Landscape		
Long Edge Feed	Portrait		
	Landscape		

Note

- If you want to print on special types of paper such as envelopes, select the type of paper in **[Ppr.Type]** on the machine's display panel. For more information about paper type setting, see the Operating Instructions.

- 1** Rotate the envelopes 180 degrees and place them in the Paper Feed Tray as shown in the illustration below.



*Paper feed direction

- 2** Set "Rotate" to "180°" on the [Advanced] tab in the printer driver.
- 3** Click [OK] to start printing .

The image is rotated and printed on the envelopes.

Macintosh

Setting Up for Printing

1

Making paper settings from an application

- 1** Display the data to be printed.
- 2** On the [File] menu, click [Page Setup].
The page setup screen appears.
- 3** Make sure that the machine you want to use is shown in the [Printer] box.

 **Note**

- If the machine is not shown in the [Printer] box, use the pop-up menu to display a list of available machines.
- Under Mac OS X, this is called [Format for].

 **Reference**

The actual appearance of the Page Setup depends on the application you are using. See the documentation that comes with the Macintosh for more information.

- 4** From the [Paper] box, select the paper size.

 **Note**

- Under Mac OS X, this is called [Paper Size].

- 5** Make any settings you require and click [OK].

Setting up for printing from an application

- 1** Display the data to be printed.
- 2** On the [File] menu, click [Print].
The print screen appears.
- 3** Make sure that the machine is selected in the [Printer] box.

 **Note**

- Under Mac OS X, this is called [Format for].

- 4** Make any settings you require, and then click [Print] to start printing.

Print Setting Details

In this section, the setting items peculiar to this machine are explained.

Select the function to be set from the drop down menu on the print screen. Here, **[Layout]** and **[Printer Specific Options]** are explained.

Note

- Under Mac OS X, this is called **[Printer Features]**.
- Under Mac OS, it is possible to print on custom size paper when using **[Custom Page Default]**. See p.36 “Printing on custom sized paper”.

Reference

See the documentation that comes with Macintosh or Help for details on general functions and settings related to printing.

[Layout]

It is displayed when selecting “Layout” in the drop down menu of the print screen.

❖ **[Pages per sheet]**

Specifies the number of pages printed on one sheet of paper. It is also possible to set whether to place a border on each page in **[Border]** or not.

❖ **[Print on Both Sides]**

Select when printing on both sides.

Limitation

- [Print on Both Sides]** is not valid in this machine.
-

[Printer Specific Options]

They are displayed when selecting “Printer Specific Options” in the drop down menu of the print screen.

Note

- Under Mac OS X, this is called **[Printer Features]** and it is separated into **[Features 1]** tab, **[Features 2]** tab and **[Features 3]** tab.
- Under Mac OS X, settings for installed options cannot be set. When using functions that require options, make sure that the options are installed before adjusting the settings.

❖ **[Resolution]**

The resolution is fixed.

Note

- The resolution may vary depending on the machine model.

❖ [Adjust Image Brightness]

Seven phases can coordinate brightness of the whole printed image.

Note

- Brightness of color of character is not changed.

❖ [Printer-Side Operation]

It is possible to perform a few things using both the machine's display panel and the printer driver installed in your Macintosh. When **[Printer-Side Operation]** is set to "On", the following items are enabled on the display panel.

- Sort
- Clear Modes
- Speed Select
- Auto-Print after Master Making
- Job Separator
- Skip Feed
- Eco. Mode
- Number of print sets

Note

- "Auto-Print after Master Making" is displayed on the machine's display panel as "Auto Cycle".

❖ [Clear Modes]

When set to "On", the machine settings return to their defaults before Master Making.

❖ [Auto-Print after Master Making]

When set to "On", printing starts automatically immediately after Master Making.

❖ [Eco. Mode]

When set to "On", the amount of ink consumption is reduced.

❖ [Speed Select]

You can select the printing speed.

❖ [Skip Feed]

- Use to make the interval between paper feeds longer, allowing the ink to dry.
- Use to print paper longer than the standard size.

Limitation

- The maximum length of paper that can be printed using Skip Feed is 460mm. However, when printing on paper longer than 432mm, the delivered paper may fall off the paper delivery end plate. Therefore, you should hold the paper so that it does not fall off.

❖ **[Job Separator]**

When set to “On”, classifying will occur whenever the document data changes.

❖ **[Sort]**

When set to “On”, it is possible to deliver each print set in page order into the optional sorter.

❖ **[Rotate]**

When set to “180°”, the image will be rotated 180 degrees and printed. This is very convenient when printing on envelopes. ⇒ p.39 “Printing onto envelopes”

❖ **[Color Separation]**

It is possible to output only the color selected from Cyan, Magenta, Yellow, and Black. If “Off” is selected, separation will not be done.

Various Types of Printing

This section introduces several printing examples from Macintosh.

Reference

As printing can vary depending on the application, see the respective documentation that comes with the application regarding details on settings.

Printing on custom sized paper

It is possible to make settings for custom sized paper.

Limitation

- With Mac OS X, this function cannot be used.

Note

- It is possible to register several paper sizes.

1 Display the data to be printed.

2 On [File] menu, click [Page Setup].

The page setup screen appears.

3 Click [Custom Page Default] in the drop down menu.

4 Select the unit to be used for setting values in [Units] from the drop down menu.

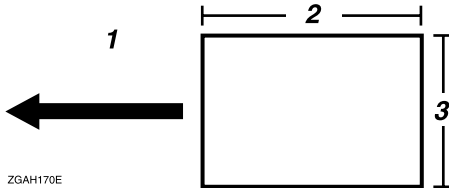
5 Click [Custom] from the drop down menu.

6 If necessary, check the range that can be selected in the machine by clicking on each item from the drop down menu in [PPD Limits].

7 Enter the size of the paper in the [Width] and [Length] boxes.

Important

- In “Width”, enter the vertical length (short edge).
- In “Length”, enter the horizontal length (long edge).



1. Paper Orientation

3. Width

2. Length

Note

- When [Units] has been set as “cm”, the entered values may not have been set as you entered.

8 Enter the margins of the paper in the [Top], [Bottom], [Left] and [Right] boxes.

Note

- When the [Units] has been set as “cm”, the entered values may not have been set as you entered.

9 Enter a name for this document in the [Custom Page Name] box.

Note

- You can enter a name using up to 31 alphanumeric characters.

10 Click [OK].

11 On the [File] menu, click [Print].

12 Make any settings you require, and then click [Print].

Printing on paper with a nondetectable size

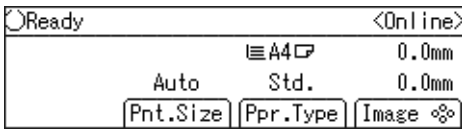
This machine automatically detects the paper size, however, there are cases where the machine cannot detect the size depending on the paper size. In these cases, follow the procedure below and manually make the desired settings.

Note

Whenever using this function, make sure to set it in the **[Print Size def.]** in the **[Set O/L Paramet's 1/3]** of the machine's Online Parameter Settings.

1 Press the **[Online]** key on the machine.

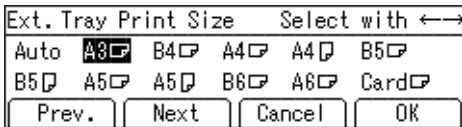
2 Press **[Pnt.Size]**.



Note

[Pnt.Size] is only displayed when the machine is online. It will not be displayed when the machine is offline.

3 Select the paper size, and then press **[OK]**.



Important

Select a size that is bigger than the contents to be printed. If the contents are bigger than the size selected and the data is printed, it will, for example, cause the roller to get dirty.

4 Select the paper size on the print screen on the Macintosh.

Important

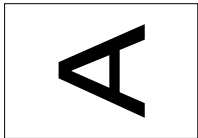
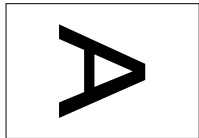

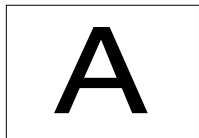

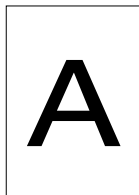
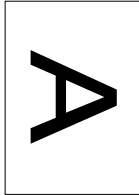
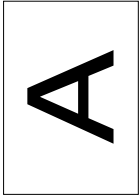
Select the same paper size selected in the **[Pnt.Size]** setting on the machine.

5 Start printing on the Macintosh.

Printing onto envelopes

Envelopes cannot be fed in well because the seal may get caught. In that case, you can rotate and print the image by 180 degrees using the rotate function in the printer driver.

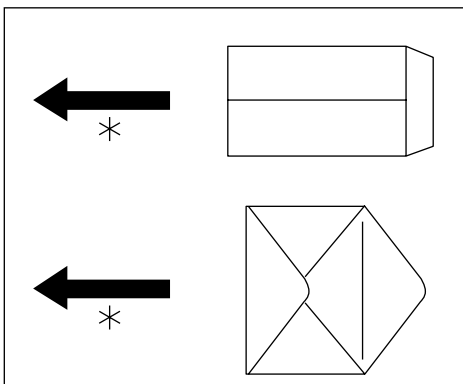
The following chart shows how the image is rotated.

Paper Feed Direction	Original Image	Rotate: Off	Rotate: 180°
Short Edge Feed	Portrait	← 	← 
	Landscape	← 	← 
Long Edge Feed	Portrait	← 	← 
	Landscape	← 	← 

Note

- If you want to print on special types of paper such as envelopes, select the type of paper in **[Ppr.Type]** on the machine's display panel. For more information about paper type setting, see the Operating Instructions.

- 1** Rotate the envelopes 180 degrees and place them in the Paper Feed Tray as shown in the illustration below.



*Paper feed direction


- 2** Set "Rotate" to "180°" in [Printer Specific Options] on the print screen on the Macintosh.
- 3** Start printing .

The image is rotated and printed on the envelopes.

2. PCL 5e - Accessing the Printer Properties


Windows 95/98/Me

Changing the Default Machine Settings - Printer Properties

- 1** Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.
The **[Printers]** window appears.
 - 2** Click to select the icon of the machine whose default settings you want to change.
 - 3** On the **[File]** menu, click **[Properties]**.
The **[Printer Properties]** dialog box appears.
 - 4** Make any settings you require and click **[OK]**.
-  **Note**
- With some applications, the printer driver's settings are not used, and the application's own default settings are applied.

Making Machine Settings from an Application

To make the machine settings for a specific application, open the **[Printer Properties]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows 95/98/Me.

-  **Note**
- The actual procedures you should follow to open the **[Printer Properties]** dialog box may vary depending on the application. For more information, see the documentation that comes with the application you are using.
 - Any settings you make in the following procedure are valid for the current application only.
- 1** On the **[File]** menu, click **[Print]**.
The **[Print]** dialog box appears.
 - 2** Select the machine you want to use in the **[Name]** list box, and then click **[Properties]**.
The **[Printer Properties]** dialog box appears.
 - 3** Make any settings you require and click **[OK]**.
 - 4** Click **[OK]** to start printing.

Printer Properties Settings

In this section, the Job Separator and Sort functions, which are peculiar to this machine, are explained. For other functions, see the documentation that comes with Windows 95/98/Me or Help.

Note

❑ As the PCL printer driver is Microsoft's mini driver that belongs to the operating system, the items that can be set are few, compared to the PostScript 3 printer driver.

❖ “Job Separator”

When “Job Separator” is set, classifying will occur whenever the document data changes.

❖ “Sort”

When “Sort” is set, it is possible to deliver each print set in page order into the optional sorter.

Setting the Job Separator and Sort functions

- 1** On the [Printer Properties] dialog box, click [More Options] on the [Paper] tab.
The [Paper - More Options] dialog box appears.
- 2** Select “Job Separator” or “Sort” from the drop down menu next to “Output bin”.
- 3** Click [OK].

Windows 2000/Windows XP

Changing the Default Machine Settings - Printer Properties

Limitation

- Changing the setting of the machine requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you set up options, log on using an account that has Manage Printers permission.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

Note

- With Windows XP Professional, access the **[Printers and Faxes]** window from **[Start]** on the taskbar.
- With Windows XP Home Edition, access the **[Printers and Faxes]** window by clicking **[Start]** on the taskbar, Then click **[Control Panel]**, **[Printers and Other Hardware]** and then **[Printers and Faxes]**.

2 Click to select the icon of the machine whose default settings you want to change.

3 On the **[File]** menu, click **[Properties]**.

The **[Printer Properties]** dialog box appears.

4 Make any settings you require and click **[OK]**.

Note

- Settings you make here are used as the default settings for all applications.

Changing the Default Machine Settings - Printing Preferences Properties

Limitation

- Changing the setting of the machine requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you set up options, log on using an account that has Manage Printers permission.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

Note

- With Windows XP Professional, access the **[Printers and Faxes]** window from **[Start]** on the taskbar.
- With Windows XP Home Edition, access the **[Printers and Faxes]** window by clicking **[Start]** on the taskbar, Then click **[Control Panel]**, **[Printers and Other Hardware]** and then **[Printers and Faxes]**.

2 Click to select the icon of the machine whose default settings you want to change.

3 On the **[File]** menu, click **[Printing Preferences]**.

The **[Printing Preferences]** dialog box appears.

4 Make any settings you require and click **[OK]**.

Note

- Settings you make here are used as the default settings for all applications.

Making Machine Settings from an Application

To make the machine settings for a specific application, open the **[Print]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows 2000/Windows XP.

Note

- The actual procedures you should follow to open the **[Print]** dialog box may vary depending on the application. For more information, see the documentation that comes with the application you are using.
- Any settings you make in the following procedure are valid for the current application only.

1 On the **[File]** menu, click **[Print]**.

The **[Print]** dialog box appears.

2 Select the machine you want to use in the **[Select Printer]** box.

3 Make any settings you require and click **[Print]** to start printing.

Printer Properties Settings

In this section, the Job Separator and Sort functions which are peculiar to this machine are explained. For other functions, see the documentation that comes with Windows 2000/Windows XP or Help.

Note

- As the PCL printer driver is Microsoft's mini driver that belongs to the operating system, the items that can be set are few, compared to the PostScript 3 printer driver.

❖ “Job Separator”

When “Job Separator” is set, classifying will occur whenever the document data changes.

❖ “Sort”

When “Sort” is set, it is possible to deliver each print set in page order into the optional sorter.

Setting the Job Separator and Sort functions

- 1** On the [Printer Properties] dialog box, click [Advanced] on the [Layout] tab or the [Paper/Quality] tab.
- 2** Select “Job Separator” or “Sort” from the drop down menu next to “Output Bin” in [Printer Features].
- 3** Click [OK].

Printing on Custom Sized Paper

When printing on custom sized paper, it is necessary to register custom sized paper in the operating system.

- 1** Click [Start] on the task bar, point to [Settings], and then click [Printers].

The [Printers] window appears.

Note

- With Windows XP Professional, access the [Printers and Faxes] window from [Start] on the taskbar.
- With Windows XP Home Edition, access the [Printers and Faxes] window by clicking [Start] on the taskbar, Then click [Control Panel], [Printers and Other Hardware] and then [Printers and Faxes].

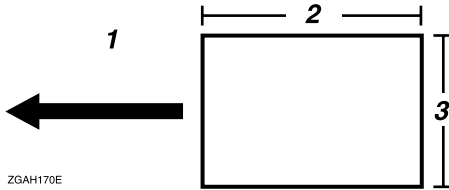
- 2** On the [File] menu, click [Server Properties].

The [Print Server Properties] dialog box appears.

- 3** Make sure that the [Forms] tab is displayed.
- 4** Click “Create a New Form”.
- 5** Enter the name of the paper.
- 6** Under “Measurements”, set “Units”.

7 Set “Paper Size”.**Important**

- In “Width”, enter the vertical length (short edge).
- In “Length”, enter the horizontal length (long edge).

**1. Paper Orientation****3. Width****2. Length****Note**

- When **[Units]** has been set as “Metric”, the entered values may not have been set as you entered.

8 Click **[Save Form]**.

The paper size set is registered, and the name of the paper is added to **[Forms on]**.

9 Click **[Close]**.

It is now possible to use the paper size already registered in the printer properties.

Windows NT 4.0

Changing the Default Machine Settings - Printer Properties

Limitation

- Changing the setting of the machine requires Full Control access permission. Members of the Administrators, Server Operators, Print Operators, and Power Users groups have Full Control permission by default. When you set up options, log on using an account that has Full Control permission.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

2 Click to select the icon of the machine whose default settings you want to change.

3 On the **[File]** menu, click **[Properties]**.

The **[Printer Properties]** dialog box appears.

4 Make any settings you require and click **[OK]**.

Note

- Settings you make here are used as the default settings for all applications.

Changing the Default Machine Settings - Default Document Properties

Limitation

- Changing the setting of the machine requires Full Control access permission. Members of the Administrators, Server Operators, Print Operators, and Power Users groups have Full Control permission by default. When you set up options, log on using an account that has Full Control permission.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

2 Click to select the icon of the machine whose default settings you want to change.

3 On the **[File]** menu, click **[Document Defaults]**.

The **[Default Document Properties]** dialog box appears.

4 Make any settings you require and click **[OK]**.

Note

- Settings you make here are used as the default settings for all applications.

Making Machine Settings from an Application

To make the machine settings for a specific application, open the **[Printer Properties]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows NT 4.0.

 **Note**

- The actual procedures you should follow to open the **[Printer Properties]** dialog box may vary depending on the application. For more information, see the documentation that comes with the application you are using.
- Any settings you make in the following procedure are valid for the current application only.

1 On the **[File]** menu, click **[Print]**.

The **[Print]** dialog box appears.

2 Select the machine you want to use in the **[Name]** list box, and then click **[Properties]**.

The **[Document Properties]** dialog box appears.

3 Make any settings you require and click **[OK]**.

4 Click **[OK]** to start printing.

Printer Properties Settings

In this section, the Job Separator and Sort functions, which are peculiar to this machine, are explained. For other functions, see the documentation that comes with Windows NT 4.0 or Help.

 **Note**

- As the PCL printer driver is Microsoft's mini driver that belongs to the operating system, the items that can be set are few, compared to the PostScript 3 printer driver.

❖ **“Job Separator”**

When “Job Separator” is set, classifying will occur whenever the document data changes.

❖ **“Sort”**

When “Sort” is set, it is possible to deliver each print set in page order into the optional sorter.

Setting the Job Separator and Sort functions

- 1** On the [Document Properties] dialog box, click the [Advanced] tab.
- 2** Click "Paper/Output" in [Document Options].
- 3** Select "Job Separator" or "Sort" in the "Change Setting" box below.
- 4** Click [OK].

3. Canceling a Print Job

Windows

- 1 Double-click the machine icon on the Windows taskbar.

A window appears, showing all the print jobs that are currently queuing to be printed. Check the current status of the job you want to cancel.

- 2 Select the name of the job you want to cancel.

- 3 On the [Document] menu, click [Cancel Printing].

Note

- You can also open the print job queue window by double-clicking the machine icon in the [Printer] window.

Canceling before the machine starts Master Making

- 1 Press [Job Reset] on the machine's display panel.

Note

- You cannot cancel the print job for a page where Master Making has already begun, even if [Job Reset] is pressed. In this case, follow the procedure below to stop the printing.

Canceling after the machine has started Master Making

- 1 Press the [Clear/Stop] key on the machine's control panel.

The machine stops printing.

- 2 Press [Job Reset] on the display.

Note

- The number of prints remaining is displayed on the counter after you cancel a print job. It will be cleared when the machine receives the next print job, or you can clear it by pressing the [Clear/Stop] key.

Important

- When multiple computers are sharing the machine, be careful not to accidentally cancel someone else's print job.

Note

- A print job that contains a large volume of data may take considerable time to stop.

Macintosh

1 Double-click the machine icon on the desktop.

A window appears, showing all the print jobs that are currently queuing to be printed. Check the current status of the job you want to cancel.

Note

Under Mac OS X, start Print Center.

2 Select the name of the job you want to cancel.

3 Click the pause icon, and then click the trash icon.

Note

Under Mac OS X, Click **[Hold]**, and then click **[Delete]**.

Canceling before the machine starts Master Making

1 Press **[Job Reset]** on the machine's display panel.

Note

You cannot cancel the print job for a page where Master Making has already begun, even if **[Job Reset]** is pressed. In this case, follow the procedure below to stop the printing.

Canceling after the machine has started Master Making

1 Press the **[Clear/Stop]** key on the machine's control panel.

The machine stops printing.

2 Press **[Job Reset]** on the display.

Note

The number of prints remaining is displayed on the counter after you cancel a print job. It will be cleared when the machine receives the next print job, or you can clear it by pressing the **[Clear/Stop]** key.

Important

When multiple computers are sharing the machine, be careful not to accidentally cancel someone else's print job.

Note

A print job that contains a large volume of data may take considerable time to stop.

4. Uninstalling the Printer Driver and Software

Uninstalling the PostScript 3 Printer Driver

This section describes how to uninstall the PostScript 3 printer driver. The actual procedures may vary depending on the operating system. Follow the appropriate procedure below.

Windows 95/98/Me

- 1** Close all applications that are currently running.
- 2** Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.
The **[Printers]** window appears.
- 3** Click to select the icon of the machine you want to remove.
- 4** On the **[File]** menu, click **[Delete]**.
A confirmation dialog box appears.
- 5** Click **[Yes]** to uninstall the printer driver.

Windows 2000/Windows XP

Limitation

- Uninstalling a printer driver requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you uninstall a printer driver, log on using an account that has Manage Printers permission.

- 1** Close all the applications that are currently running.
- 2** Click **[Start]** on the taskbar, point to **[Settings]**, and click **[Printers]**.
The **[Printers]** window appears.

Note

- With Windows XP Professional, access the **[Printers and Faxes]** window from **[Start]** on the taskbar.
- With Windows XP Home Edition, access the **[Printers and Faxes]** window by clicking **[Start]** on the taskbar. Then click **[Control Panel]**, **[Printers and Other Hardware]** and then **[Printers and Faxes]**.

- 3** Click to select the icon of the machine you want to remove.

4 On the **[File]** menu, click **[Delete]**.

A confirmation dialog box appears.

5 Click **[Yes]** to uninstall the printer driver.

 **Note**

You can also uninstall the printer driver using the following procedure.

- ① In the **[Printers]** window, click **[Server Properties]** on the **[File]** menu to display **[Print Server Properties]**.
- ② In the **[Drivers]** tab, click the driver you want to remove, and click **[Remove]**.
- ③ Click **[Yes]**.
- ④ Click **[OK]**.

Windows NT 4.0

 **Limitation**

Uninstalling a printer driver requires Full Control access permission. Members of the Administrators, Server Operators, Print Operators, and Power Users groups have Full Control Permission by default. When you uninstall a printer driver, log on using an account that has Full Control permission.

1 Close all applications that are currently running.

2 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

3 Click to select the icon of the machine you want to remove.

4 On the **[File]** menu, click **[Delete]**.

A confirmation dialog box appears.

5 Click **[Yes]** to uninstall the printer driver.

Macintosh

Mac OS

- 1 Drag the “AdobePS” file from the [Extensions] folder in [System Folder] to [Trash].
- 2 Drag the PPD file from the [Printer Descriptions] folder in the [Extensions] folder in [System Folder] to [Trash].

Mac OS X

 **Preparation**

You need an administrator name and a password (phrase). For more information, consult your administrator.

- 1 Run Print Center.
- 2 Select the printer you want to uninstall in the Printer List window, and then click [Delete].
- 3 Drag the PPD file from the folder of each language in the [Resource] folder on the hard disk to [Trash].

 **Note**

- Use the appropriate language folder in the [Resource] folder: [en.lproj] folder (English), [de.lproj] folder (German), [fr.lproj] folder (French), [it.lproj] folder (Italian), [es.lproj] folder (Spanish), [nl.lproj] folder (Dutch).
- When the language you use is not English, drag the PPD file from [en.lproj] and the holder of each language in the [Resource] folder on the hard disk to [Trash].

Uninstalling the PCL 5e Printer Driver

This section describes how to uninstall the PCL 5e printer driver.

The actual procedures may vary depending on the operating system.

Follow the appropriate procedure below.

Windows 95/98/Me

- 1** Close all the applications that are currently running.
- 2** Click **[Start]** on the taskbar, point to **[Settings]**, and click **[Printers]**.
The **[Printers]** window appears.
- 3** Click to select the icon of the machine you want to remove.
- 4** On the **[File]** menu, click **[Delete]**.
A confirmation dialog box appears.
- 5** Click **[Yes]** to uninstall the printer driver.

Windows 2000/Windows XP

Limitation

- Uninstalling a printer driver requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you uninstall a printer driver, log on using an account that has Manage Printers permission.

- 1** Close all the applications that are currently running.
- 2** Click **[Start]** on the taskbar, point to **[Settings]**, and click **[Printers]**.
The **[Printers]** window appears.
Note
 - With Windows XP Professional, access the **[Printers and Faxes]** window from **[Start]** on the taskbar.
 - With Windows XP Home Edition, access the **[Printers and Faxes]** window by clicking **[Start]** on the taskbar, Then click **[Control Panel]**, **[Printers and Other Hardware]** and then **[Printers and Faxes]**.
- 3** Click to select the icon of the machine you want to remove.
- 4** On the **[File]** menu, click **[Delete]**.
A confirmation dialog box appears.

5 Click **[Yes]** to uninstall the printer driver. **Note**

- You can also uninstall the printer driver using the following procedure.
 - ① In the **[Printers]** window, click **[Server Properties]** on the **[File]** menu to display **[Print Server Properties]**.
 - ② In the **[Drivers]** tab, click the driver you want to remove, and click **[Remove]**.
 - ③ Click **[Yes]**.
 - ④ Click **[OK]**.

Windows NT 4.0

 **Limitation**

- Uninstalling a printer driver requires Full Control access permission. Members of the Administrators, Server Operators, Print Operators, and Power Users groups have Full Control Permission by default. When you uninstall a printer driver, log on using an account that has Full Control permission.

1 Close all applications that are currently running.**2** Click **[Start]** on the taskbar, point to **[Settings]**, and click **[Printers]**.

The **[Printers]** window appears.


3 Click to select the icon of the machine you want to remove.**4** On the **[File]** menu, click **[Delete]**.





A confirmation dialog box appears.

5 Click **[Yes]** to uninstall the printer driver.

5. Troubleshooting

Error & Status Messages on the Display Panel

Messages/Second messages	Descriptions and Solutions
Cannot detect selected paper size. Set ### paper in ???, then press [OK] .	<p>Printing on paper with a size undetectable by the machine has been requested.</p> <p>Set an appropriate amount of paper in the Paper Feed Tray, and then press [OK]. Inconsistencies in the size of paper from the Paper Feed Tray will be ignored and printing will be performed. Press [Job Reset] to stop printing.</p> <p> Note</p> <ul style="list-style-type: none"> <input type="checkbox"/> "###" in the message represents a paper size. <input type="checkbox"/> "???" in the message represents the Paper Feed Tray.
Controller Communication Error	<p>The communication between the controller and the engine is abnormal.</p> <p>First turn the power switch off and then on. If the message appears again, consult your sales or service representative.</p>
Controller Error	<p>The ROM is faulty.</p> <p>First turn the power switch off and then on. If the message appears again, consult your sales or service representative.</p>
Font ROM Error.	<p>The ROM is faulty.</p> <p>First turn the power switch off and then on. If the message appears again, consult your sales or service representative.</p>
Making Master...	The master is being made.
NVRAM Error.	<p>An error has occurred in the Memory Unit.</p> <p>First turn the power switch off and then on. If the message appears again, consult your sales or service representative.</p>
Option RAM Error	<p>There is an error in the SDRAM module.</p> <p>First turn the power switch off and then on. If the message appears again, consult your sales or service representative.</p>
Parallel Interface Error.	<p>The parallel interface is abnormal.</p> <p>Consult your sales or service representative when using the parallel interface.</p>
Printing	<p>Data is being printed.</p> <p>Wait until the job is finished.</p>
<p>"Print is not finished."</p> <p>"Press finish PRNT key for next mstr makg."</p> <p>(These messages are displayed alternatively.)</p>	<p>Printing is not finished.</p> <p>Printing has been interrupted. Perform one of the following procedures:</p> <ul style="list-style-type: none"> • Press the [Print] key, and printing will restart. Before the print amount display reaches 0, press the [Print] key to print. • Press [fin PRNT], and printing will stop. The interrupted prints will not be performed.

Messages/Second messages	Descriptions and Solutions
Processing	Data is printed. Wait until the job is finished.
Ready for Master Making/ printing (Online)	The Master Making or print data is not in the spool. This is not an error. The message will change when printing starts from the computer.
Ready for Master Making/ printing	
Resetting Job...	The data spooled is dumped. Wait until the job is finished.
ROM Error.	The ROM inside the machine is abnormal. Consult your sales or service representative.
Selected paper size is unavailable, press [MakeMstr] to continue as is, or set ### paper then press [OK] .	The specified paper size has not been set. Set an appropriate amount of paper, and then press [OK] .  Note <input type="checkbox"/> "####" in the message represents a paper size.
Set ### paper in Tray ???, then press [OK] .	No paper in the Paper Feed Tray. After setting ### paper in the Paper Feed Tray, press [OK] to continue.  Note <input type="checkbox"/> "####" in the message represents a paper size. <input type="checkbox"/> "???" in the message represents the Paper Feed Tray.
Set ### size paper in the External Tray, then press [OK] .	[Make Mstr] has been pressed when the specified paper size has not been set. Set an appropriate amount of paper in the Paper Feed Tray and press [OK] . Inconsistencies in the size of paper from the Paper Feed Tray will be ignored and printing will be performed. Press [Job Reset] to stop printing.  Note <input type="checkbox"/> "####" in the message represents a paper size. <input type="checkbox"/> The External Tray and the Paper Feed Tray are the same.
Set Tray ??? correctly, then press [OK] .	The Paper Feed Tray is not set correctly. After correctly setting the Paper Feed Tray, press [OK] .  Note <input type="checkbox"/> "???" in the message represents the Paper Feed Tray.
Waiting...	Waiting for data from the computer. Wait until the job is finished.

Machine does not Print

Possible Cause	Solutions
Is the power on?	Turn on the machine.
Is the interface cable properly connected?	Connect the interface cable properly. If there are any connectors or screws, make sure that they are fastened securely.
Are you using the correct interface cable?	Be sure to use the correct one. If the cable is damaged or worn, replace it with a new one.
Did you connect the interface cable after turning on the main switch?	Be sure to connect the interface cable before turning on the main switch.
Is the machine Auto On Line?	Bring it Auto On Line by pressing the [Auto On Line] key.
Is the specified paper set?	Set the specified paper in the Paper Feed Tray.
Are there any error messages on the display panel?	Check the error message, and take the required action.
Does the Error indicator stay red?	Check the error message, and take the required action.
Is the Data In indicator blinking or lit?	If it is not, the data does not reach the machine. Check the printer cable connection. Also confirm that the printer port settings are correct.
Can you make a proof print?	If you cannot print a system configuration list or a PS Font List from the machine, the machine might be out of order. Contact your sales or service representative.
Is "Waiting" displayed?	Perform one of the following procedures: <ul style="list-style-type: none"> • Wait until the job is finished. • Cancel by pressing [Job Reset].

If you cannot solve the problem by taking the preceding actions, contact your sales or service representative.

Note

If the Data In indicator is not blinking or lit, you can check the computer port settings using the following procedure.

❖ If the machine is connected to the computer using the interface cable

Make sure the computer port settings are correct. For a parallel port connection, port LPT1 or LPT2 should be set.

• Windows 95/98/Me

- ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
- ② Click to select the icon of the machine. Next, on the **[File]** menu, click **[Properties]**.

- ③ Click the **[Details]** tab.
- ④ Check the **[Print to the following port]** box to make sure that the correct port is selected.
- **Windows 2000/Windows XP**
 - ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
 - With Windows XP Professional, access the **[Printers and Faxes]** window from **[Start]** on the taskbar.
 - With Windows XP Home Edition, access the **[Printers and Faxes]** window by clicking **[Start]** on the taskbar. Then click **[Control Panel]**, **[Printers and Other Hardware]** and then **[Printers and Faxes]**.
 - ② Click to select the icon of the machine. Next, on the **[File]** menu, click **[Properties]**.
 - ③ Click the **[Port]** tab.
 - ④ Check the **[Print to the following port]** box to make sure that the correct port is selected.
- **Windows NT 4.0**
 - ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
 - ② Click to select the icon of the machine. Next, on the **[File]** menu, click **[Properties]**.
 - ③ Click the **[Port]** tab.
 - ④ Check the **[Print to the following port]** box to make sure that the correct port is selected.

❖ **Network Connection**

- Contact your network administrator.

Other Printing Problems

Status	Possible Causes, Descriptions, and Solutions
Multiple pages are fed through the machine at once.	Remove all paper from the Paper Feed Tray and fan it gently to get air between the sheets. After that, load it back into the Paper Feed Tray .
The image is printed on the reverse side of the paper.	Load the paper the other way up.
Paper misfeeds occur frequently.	Check the paper size settings. The size set with the paper size dial might be different from the actual paper size. Make the correct dial setting.
	Use the recommended paper. Avoid using curled, folded, wrinkled, perforated or glossy paper.
The display panel error message stays on after removing the misfed paper.	Open the front cover of the machine and then close it.
It takes too much time to complete the print job.	The data is so large or complex that it takes time to process it. If the Data In indicator is blinking, the data processing is being done. Just wait until it is finished.
<Windows only> The data which uses proportional fonts cannot be printed exactly as viewed on the screen.	<ul style="list-style-type: none"> • In Windows 95/98/Me Select [Always use TrueType fonts] in the [Fonts] tab. • In Windows 2000/Windows XP Click [Advanced] on the [Paper/Quality] tab or on the [Layout] tab to display the [Advanced Options] dialog box. Select [Download as softfont] in [TrueType Font] in [Graphics] . • In Windows NT 4.0 Click the [Advanced] tab on the [Document Properties] dialog box. Select [Download as softfont] in [TrueType Font] in [Graphics] .
<Windows only> Combine printing cannot be done as specified.	<p>Make sure that the same orientation is set, as well as the same paper size set in the application.</p> <ul style="list-style-type: none"> • In Windows 95/98/Me, check the [Paper] tab.
<Windows only> Auto Magnification cannot be done as specified.	<ul style="list-style-type: none"> • In Windows 2000/Windows XP, check the [Layout] tab. • In Windows NT 4.0, check the [Page Setup] tab. <p>If a different size has been set, select the correct paper size and orientation.</p>
<Windows only> Printing cannot be done even if the data is being received in a network environment.	<ul style="list-style-type: none"> • Windows 95/98/Me Click [Advanced] on the [PostScript] tab to display the [Advanced PostScript Options] dialog box. Make sure to clear both the [Send CTRL+D after job] check box and the [Send CTRL+D before job] check box. • Windows 2000/Windows XP Make sure to select [No] in both [Send CTRL+D Before Each Job] and [Send CTRL+D After Each Job] in the [Device Settings] tab. • Windows NT 4.0 Make sure to select [No] in both [Send CTRL+D Before Each Job] and [Send CTRL+D After Each Job] in the [Device Settings] tab.

Status	Possible Causes, Descriptions, and Solutions
The set option cannot be selected in the print menu.	The option may not be set correctly. <ul style="list-style-type: none"> • Windows95/98/Me Set the option correctly in the [Device Options] tab. • Windows 2000/Windows XP Set the option correctly in the [Device Settings] tab. • Windows NT 4.0 Set the option correctly in the [Device Settings] tab. • Mac OS Set the option configuration correctly in [Chooser] in the Apple menu.
<Mac OS only> The machine is not displayed in the Chooser.	Make sure that the machine and the Macintosh are connected in the AppleTalk environment.
<Mac OS X only> The machine is not displayed in the Printer list.	
<Macintosh only> It takes a long time for the print dialog box to be displayed.	Depending on the processing speed of the Macintosh system, the dialog box display may take time.
<Macintosh only> It takes a long time to print from the Macintosh G3 or G4 via a hub.	When the machine is connected to a Macintosh computer equipped with the G3 or G4 processor via a hub, it may take a long time to transfer data on a 100BASE-TX from the Macintosh to the machine.
The same page is being master made many times.	Make sure to clear the "Collate" check box in the print dialog box of the application. < Windows 2000/Windows XP only > Even if the check mark is cleared in the "Collated" check box, master making may be done everytime a page is going to be printed. In this case, make sure to clear the "collated" check box displayed when selecting "Copy Count" in [Advanced] dialog box of the printer driver.

 **Note**

- A PostScript error could mean that the PostScript data is erroneous or that there is a lack of memory. Some PostScript errors can be avoided if the memory is expanded. If you still cannot print as expected, consult your sales or service representative. For information on your nearest sales or service representative, check with the shop where you purchased this machine.
- The following is the memory assigned for PostScript.

General memory	32MB(Factory settings)	64MB(32MB Expansion)	96MB(64MB Expansion)	160MB(128MB Expansion)
Assigned memory	4.5MB	6.0MB	12.0MB	12.0MB

6. Using the Control Panel

Though the factory default settings of the machine are suitable for most printing jobs, “Online Parameter Settings” gives you access to a number of settings that control basic printer operations. The Online Parameter settings you make are retained even when you turn off the machine.

Reference

For more information about settings other than the Online Parameter settings, see the Operating Instructions.

Adjusting Online Parameter Settings

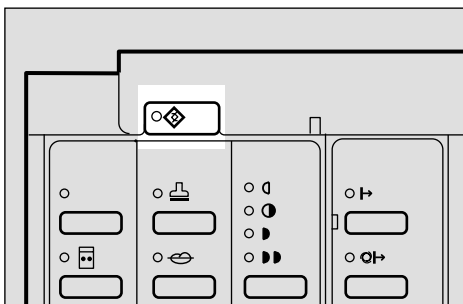
Online Parameter Settings Menu

There are ten menu items in the “Online Parameter Settings” menu.

- Set aut-O/L def.
- Print Size def.
- List/Test Print
- Print PS Errors
- IP Address
- Ethernet Speed
- Network
- I/O Timeout
- I/O Buffer
- Menu Reset

Accessing the Online Parameter Settings

1 Press the **[User Tools]** key.



ZDZS110E

2 Press [Next].

3 Select [7 Set O/L Paramet's] using the [◀], [▶], [△] or [▽] keys.

4 Press [OK].

The Online Parameter Settings item appears.

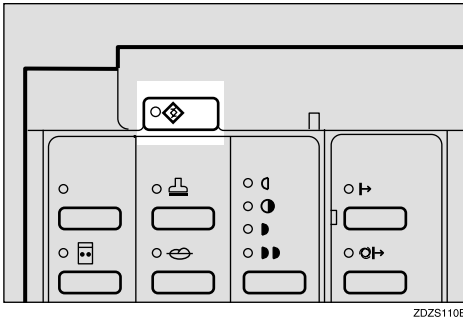
5 Select the item you want to change, and then press [OK].

6 Make any settings you require, and then press [OK].

Note

- To change the value entered, press the **[Clear/Stop]** key before pressing the **[OK]** key. Then enter the new value.
- Press **[Cancel]** to return to the previous menu without changing any data.










7 Press the **[User Tools]** key to return to the standby display.






Note

- The settings are not canceled even if the main switch is turned off or the **[Clear Modes/Energy Saver]** key is pressed.
- You can also return to the standby display by pressing the **[Cancel]** key.

Online Parameter Settings

No.	Mode	Description
1	Set aut-O/L def.	<p>Sets Auto On Line to "ON" or "OFF" when the power has been turned on, or when the mode has been cleared.</p> <p> Note <input type="checkbox"/> Default: <i>ON</i></p>
2	Print Size def.	<p>Sets the print size selected when the power has been turned on or when the mode has been cleared.</p> <p> Note <input type="checkbox"/> Default: <i>Auto</i></p>
3	List/Test Print	<p>Prints the current set content of this machine.</p> <p> Note <input type="checkbox"/> Default: <i>System Print</i></p>
4	Print PS Errors	<p>Setting for when printing the PS Error List when a PostScript error occurs.</p> <p> Note <input type="checkbox"/> Default: <i>Off</i></p>
5	IP Address	<p>Sets the IP Address.</p> <p> Note <input type="checkbox"/> Default: <i>011.022.033.044</i></p> <p> Reference See the Printer Reference 1 for information about the IP Address setting.</p>
6	Ethernet Speed	<p>Sets the Ethernet communication speed.</p> <p> Note <input type="checkbox"/> Default: <i>Auto</i></p>
7	Network	<p>Sets the Network boot.</p> <p> Note <input type="checkbox"/> Default: <i>NONE</i></p> <p> Reference See the Printer Reference 1 for information about the Network boot setting.</p>

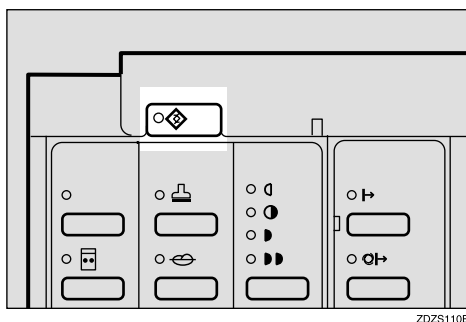
No.	Mode	Description
8	I/O Timeout	<p>Sets the time to enable the interface after data stops being received. When the time set here is exceeded, it will be possible to receive data from the other interface.</p> <p> Important</p> <p><input type="checkbox"/> If the set time is too short, a time out might occur while one data is being received. As a result, data from another interface might cut in and be printed, or the emulation retrieval from half of the data may be activated, and be replaced with a different emulation.</p> <p> Note</p> <p><input type="checkbox"/> Default: 30 sec.</p>
9	I/O Buffer	<p>Sets the capacity of the reception buffer.</p> <p> Note</p> <p><input type="checkbox"/> Default: 512KB</p>
10	Menu Reset	<p>You can reset the factory settings. However, the “IP Address”, “Network”, and the “Ethernet Speed” settings do not change.</p>

Machine Condition

We recommend that you print the system configuration list and check the current system settings before changing them.

Printing the System Configuration List

- 1 Press the **[User Tools]** key.



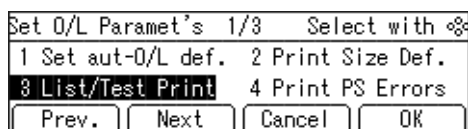
The User Tools screen is displayed.

- 2 Press **[Next]**.
- 3 Select **[7 Set O/L Paramet's]** using the **[<]**, **[>]**, **[Δ]** or **[▽]** keys.
- 4 Press **[OK]**.

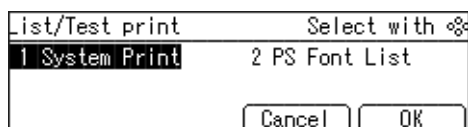


The online print settings screen appears.

- 5 Select **[3 List/Test Print]** using the scroll key.
- 6 Press **[OK]**.



- 7 Make sure that **[1 System Print]** is selected and press **[OK]**.



“Press the **[Start]** key to begin making the master.” appears.

8 Press the **[Start]** key.


The system configuration list is printed.

Precautions in Using PostScript 3

- When “VM error” occurs, the error can be avoided by adding more memory.
- Lasertalk Version1.3 cannot be used.
- Type1 font conforms to Adobe Type1 font format (1.1). However, characters that are designed to intersect (self interrupt) may not be correctly printed.
- When characters that do not have hint information are downloaded into applications, the character may be unclear when printed, depending on whether they are enlarged or compressed.
- Depending on the application, the output may not be as previewed when using the PostScript driver.
- When specifying Duplex printing in print data that ends in odd number pages, a blank page may be added automatically depending on the PostScript driver and the application. The additional page will be counted as 1 page monochrome.

Specifications

This section contains the electrical and hardware specifications for the machine including information about the options.

Component	Specification
Resolution	400 dpi, 600 dpi
Parallel Interface	Standard 36-pin printer cable and a parallel port on the host computer. IEEE1284  Note <input type="checkbox"/> Do not use a parallel cable that is longer than 3 meters (10 feet).
LAN interface	100BASE-TX, 10BASE-T
Printer Language	PostScript 3 PCL 5e*1
Frame type	EthernetII, IEEE802.2, IEEE802.3, SNAP
Protocol	<ul style="list-style-type: none"> • TCP/IP Windows 95 Windows 98 Windows Me Windows 2000 Windows XP Windows NT 4.0 • IPX/SPX NetWare 3.12, 3.2, 4.1, 4.11, 4.2, 5, 5.1 IntranetWare • NetBEUI*2 Windows 95 Windows 98 Windows Me Windows 2000 Windows NT 4.0 • IPP Windows 95 Windows 98 Windows Me Windows 2000 Windows XP Windows NT 4.0 • AppleTalk Mac OS 7.6.1 or later Mac OS X version 10.1 or later
SNMP	MIB-II, PrinterMIB, HostResourceMIB, RicohPrivateMIB

*1 The PCL 5e printer driver cannot be used in the machine that has a resolution of 400 dpi.

*2 To use NetBEUI, use the SmartNetMonitor for Client port.

Option

Memory Unit TypeB

- ❖ **Memory:**
32 MB / 64MB / 128MB
- ❖ **Compatible:**
PC100 compatible

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