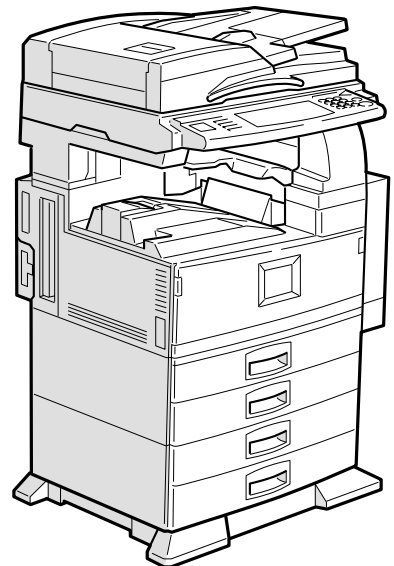# Printer Unit Type 1045

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 Copy Reference manual 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.

Trademarks

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IPS-PRINT™ Printer Language Emulation© Copyright 1999-2000, XIONICS DOCUMENT TECHNOLOGIES, INC., All Rights Reserved.

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:

- Microsoft® Windows® 95 operating system
- Microsoft® Windows® 98 operating system
- Microsoft® Windows® Millennium Edition (Windows Me)
- Microsoft® Windows® 2000 Professional
- Microsoft® Windows® 2000 Server
- Microsoft® Windows NT® Server operating system Version 4.0
- Microsoft® Windows NT® Workstation operating system Version 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.

❖ **Copy Reference**
Describes the procedures and functions for using this machine as a copier.

❖ **System Settings**
Describes the system settings of this machine.

❖ **Printer Unit Type 1045 Printer Reference 1**
Describes the system settings, procedures and functions for using this machine as a printer.

❖ **Printer Unit Type 1045 Printer Reference 2**
Describes the procedures and provides necessary information about using this machine as a printer. This manual is included as a PDF file on the CD-ROM labeled "Operating Instructions for Printer"(this manual).

❖ **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 "Operating Instructions for Printer" .

❖ **PostScript 3 Unit Type 1045 Operating Instructions Supplement**
Describes the menus and features you can set using the PostScript 3 printer driver. This manual is provided as a PDF file on the CD-ROM labeled "Operating Instructions for Printer".

❖ **UNIX Supplement**
Provides information about setting up and using the printer in a UNIX environment. This manual is included as a PDF file on the CD-ROM labeled "Operating Instructions for Printer".

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 panel display.

[   ]
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. Setting Up the Printer Driver and Canceling a Print Job

2. Uninstalling the Printer Driver and Software

3. Printing with the Control Panel

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5. Using the Control Panel

6. Appendix

1. Setting Up the Printer Driver and Canceling a Print Job

PCL 6/5e - Accessing the Printer Properties

Windows 95/98/Me - Accessing the Printer Properties

Changing the default machine settings

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.

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

D Click [OK] to start printing.

Windows 2000 - Accessing the Printer Properties

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.

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

The **[Printers]** window appears.

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

C On the [File] menu, click [Properties].

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

D 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.

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

The **[Printers]** window appears.

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

C On the [File] menu, click [Printing Preferences...].

The **[Printing Preferences 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 **[Print]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows 2000.

✎ 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 [OK] to start printing.**

Windows NT 4.0 - 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 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.

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

The **[Printers]** window appears.

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

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

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

D **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.

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

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

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

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

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

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

RPCS™ - Accessing the Printer Properties

Windows 95/98/Me - Accessing the Printer Properties

1

Changing the default machine settings

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

The **[Printers]** window appears.

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

C On the [File] menu, click [Properties].

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

D 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.

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

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

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

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

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

D Click [OK] to start printing.

Windows 2000 - Accessing the Printer Properties

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.

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

The **[Printers]** window appears.

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

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

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

D **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.

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

The **[Printers]** window appears.

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

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

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

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

✐ Note

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

1

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.

✎ 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.

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

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

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

C **Make any settings you require and click [OK] to start printing.**

Windows NT 4.0 - 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 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.

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

The **[Printers]** window appears.

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

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

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

D **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.

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

The **[Printers]** window appears.

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

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

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

D **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.

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

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

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

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

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

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

PostScript 3 - Setting Up for Printing

Windows 95/98/Me - Accessing the Printer Properties

Changing the default machine settings

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

The **[Printers]** window appears.

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

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

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

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

E **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.

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

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

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

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

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

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

Windows 2000 - Accessing the Printer Properties

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.

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

The **[Printers]** window appears.

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

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

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

D **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.

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

The **[Printers]** window appears.

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

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

The **[Printing Preferences 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 **[Print]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows 2000.

✐ 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 [OK] to start printing.**

Windows NT 4.0 - 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 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

❒ Setting 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.

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

The **[Printers]** window appears.

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

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

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

D **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.

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

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

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

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

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

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

Macintosh - Setting Up for Printing

Making paper settings from an application

A **Open the file you want to print.**

B **On the [File] menu, click [Page Setup].**

The **[AdobePS Page Setup]** dialog box appears.

C **Make sure that the machine you want to use is shown in the [Format for:] box.**

Note

❒ If the machine is not shown in the **[Format for:]** box, use the pop-up menu to display a list of available machines.

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.

D **From the [Paper:] box, select the paper size.**

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

Setting up for printing from an application

A **Open the file you want to print.**

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

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

C **Make sure that the machine is selected in the [Printer:] box.**

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

Canceling a Print Job

Windows 95/98/Me - Canceling a Print Job

A **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.

B **Select the name of the job you want to cancel.**

C **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.

D **Press the 【Printer】 key on the machine's control panel.**

E **Press [Job Reset] on the display panel.**

A message appears on the display panel indicating that the print job is being canceled.

Important
❒ This procedure cancels the print job that is being processed by the machine. In some cases, the machine may already be processing data for the next print job following the one currently being output. In this case, the next print job is also canceled when you press **[Job Reset]**.

❒ When the machine is being shared by multiple computers, be careful not to accidentally cancel someone else's print job.

Note
❒ You cannot stop printing data that has already been processed internally by the machine. Because of this, printing may continue for a few pages after you press **[Job Reset]**.

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

Windows 2000 - Canceling a Print Job

1 **Double-click the machine icon on the 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 **[Printers]** window.

4 **Press the 【Printer】 key on the machine's control panel.**

5 **Press [Job Reset] on the display panel.**
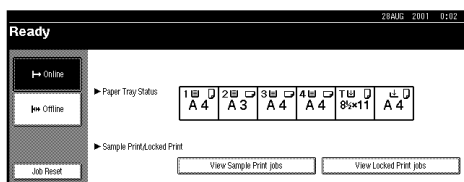
A message appears on the display panel indicating that the print job is being canceled.

⚠ Important

❒ This procedure cancels the print job that is being processed by the machine. In some cases, the machine may already be processing data for the next print job following the one currently being output. In this case, the next print job is also canceled when you press **[Job Reset]**.

❒ When the machine is being shared by multiple computers, be careful not to accidentally cancel someone else's print job.

✎ Note

❒ You cannot stop printing data that has already been processed internally by the machine. Because of this, printing might continue for a few pages after you press **[Job Reset]**.

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

Windows NT 4.0 - Canceling a Print Job

A 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.

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

C 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.

D Press the 【Printer】 key on the machine's control panel.

E Press [Job Reset] on the display panel.

A message appears on the display panel indicating that the print job is being canceled.

⚠️Important

❒ The procedure cancels the print job that is being processed by the machine. In some cases, the machine may already be processing data for the next print job following the one currently being output. In this case, the next print job is also canceled when you press **[Job Reset]**.

❒ When the machine is being shared by multiple computers, be careful not to accidentally cancel someone else's print job.

⌀ Note

❒ You cannot stop printing data that has already been processed internally by the machine. Because of this, printing may continue for a few pages after you press **[Job Reset]**.

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

Macintosh - Canceling a Print Job

A 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.

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

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

D Press the 【Printer】 key on the machine's control panel.

E Press [Job Reset] on the display panel.
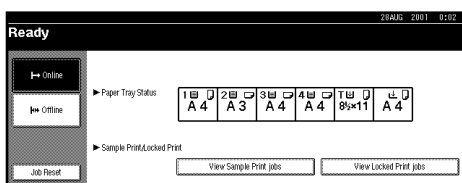
A message appears on the display panel indicating that the print job is being canceled.

⚠️Important

❏ This procedure cancels the print job that is being processed by the machine. In some case, the machine may already be processing data for the next print job following the one currently being output. In this case, the next print job is also canceled when you press **[Job Reset]**.

❏ When the machine is being shared by multiple computers, be careful not to accidentally cancel someone else's print job.

🖉 Note

❏ You cannot stop printing data that has already been processed internally by the machine. Because of this, printing may continue for a few pages after you press **[Job Reset]**.

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

1

2. Uninstalling the Printer Driver and Software

Uninstalling the PCL 6/5e Printer Driver

This section describes how to uninstall the PCL 6/5e printer driver. The actual procedures may vary depending on the operating system.

Follow the appropriate procedure below.

Windows 95/98/Me - Uninstalling the PCL 6/5e Printer Driver

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 - Uninstalling the PCL 6/5e Printer Driver

🍒 **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.

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.

E **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 - Uninstalling the PCL 6/5e Printer Driver

📌 **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.

A **Close all applications that are currently running.**

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

The **[Printers]** window appears.

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

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

A confirmation dialog box appears.

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

Uninstalling the RPCS™ Printer Driver

This section describes how to uninstall the RPCS™ printer driver. The actual procedures may vary depending on the operating system.

Follow the appropriate procedure below.

Windows 95/98/Me - Uninstalling the RPCS™ Printer Driver

A **Close all the applications that are currently running.**

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

The **[Printers]** window appears.

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

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

A confirmation dialog box appears.

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

Windows 2000 - Uninstalling the RPCS™ Printer Driver

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.

A **Close all the applications that are currently running.**

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

The **[Printers]** window appears.

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

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

A confirmation dialog box appears.

E **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 - Uninstalling the RPCS™ Printer Driver

♟ 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.

A **Close all applications that are currently running.**

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

The **[Printers]** window appears.

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

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

A confirmation dialog box appears.

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

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 - Uninstalling the PostScript 3 Printer Driver

A **Close all applications that are currently running.**

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

The **[Printers]** window appears.

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

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

A confirmation dialog box appears.

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

Windows 2000 - Uninstalling the PostScript 3 Printer Driver

❤ **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.

A **Close all the applications that are currently running.**

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

The **[Printers]** window appears.

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

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

A confirmation dialog box appears.

E **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 - Uninstalling the PostScript 3 Printer Driver

♣ **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.

A **Close all applications that are currently running.**

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

The **[Printers]** window appears.

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

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

A confirmation dialog box appears.

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

Macintosh - Uninstalling the PostScript 3 Printer Driver

A **Drag the "AdobePS" file from the [Extensions] folder in [System Folder] to [Trash].**

B **Drag the PPD file and plug-in file from the [Printer Descriptions] folder in the [Extensions] folder in [System Folder] to [Trash].**

3. Printing with the Control Panel

Sample Print

Use this function to print only the first set of a multiple-set print job. The remaining sets are saved on the hard disk drive in the machine. The saved jobs can be printed or cancelled from the machine's control panel. This can help in avoiding large amounts of misprints in case of mistakes in the content or in the printing settings.

🖉 Note

❒ If the application has a collate option, make sure that it is not selected before sending a print job. By default, sample print jobs are automatically collated by the printer driver. If a collate option is selected from the application print dialog box, more prints than intended may be printed.

❒ You can identify the file you want to print by the User ID and the date and time when the job was stored.

❒ The actual number of pages the machine can save depends on the contents of the print image. For example, the machine can save up to 30 jobs or 2,000 pages depending on the data volume.

❒ If the first set of the sample print files is not as you expected and you do not want to print the remaining sets, delete the sample print file using the display panel. If you print the remaining sets of the sample print file, the job in the machine is deleted automatically.

Printing a Sample Print File

The following procedure describes how to print a sample print file with the PCL printer driver. For information about how to print a sample print file with the PostScript 3 printer driver, see the PostScript 3 Unit Type 1045 Operating Instructions Supplement included as a PDF file on the CD-ROM.

❗ Limitation

❒ Applications, like PageMaker, which use their own drivers do not work with this function.

A **Configure the sample print in the properties of the printer driver.**

🔍 Reference

For details on configuring the PCL 6/5e or RPCS™ printer driver, see the corresponding Help files.

B Click [OK] in the application's print dialog box to start printing.

⌀ Note

❒ Make sure to set more than 2 copies.

The sample print job is sent to the machine and the first set is printed.

C On the machine's control panel, press the 【Printer】 key to display the Printer Screen.
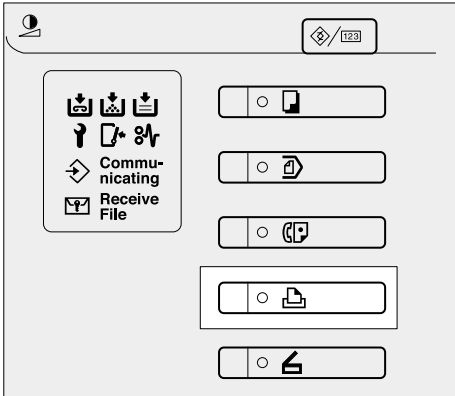
D Press [View Sample Print jobs].
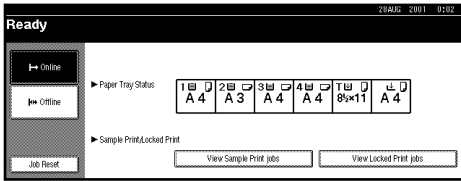
A list of the sample print files stored in the machine is displayed.
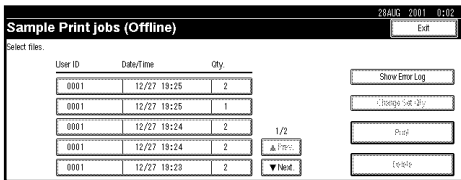
The following will also be displayed:

- User ID : The User ID set up by the printer driver.
- Date/Time : The date and time when the job was sent from the computer.
- Qty. : The number of remaining sets.

E Press [▲Prev.] or [▼Next.] to scroll the files to the one you want to print.

F Select the file you want to print by pressing on it.

- You can select only one file at a time.

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G **Press [Change Set Qty.] to change the number of sets to be printed.**
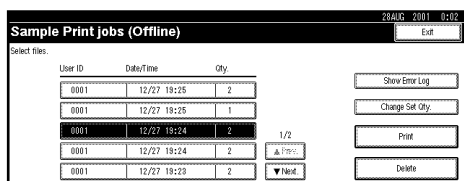
If you do not want to change the set quantity then proceed to step **I**.

H **Enter the new number of sets using the number keys and press [OK].**
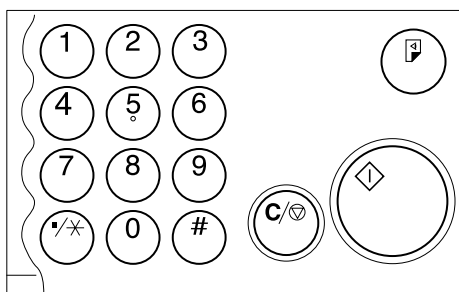
The screen returns to the file list screen.

Note
❒ You can enter up to 999 sets.

❒ Press **[Clear]** to correct any entry mistakes.

❒ If you want to cancel **[Change Set Qty.]**, press **[Cancel]**.

I **Press [Print].**

The print confirmation screen is displayed.

J **Press [Yes].**

The remaining sets are printed.

Important
❒ When printing is completed, the stored file will be deleted.

Note
❒ Press **[No]** to cancel printing.

❒ If printing is stopped by pressing **[Job Reset]** after printing has started, the file will be deleted.

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Deleting a Sample Print File

If you are not satisfied with the sample printout, you can delete the sample print file, revise it and print it again until the settings are fine.
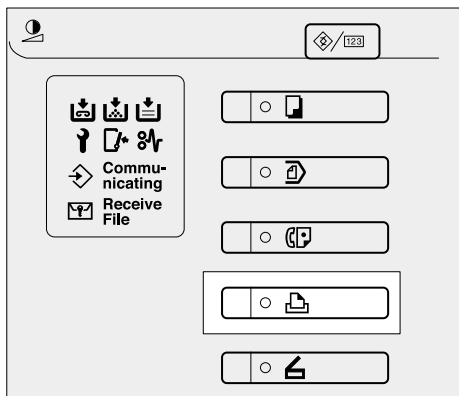
A **Press the 【Printer】 key to display the Printer Screen.**

B **Press [View Sample Print jobs].**
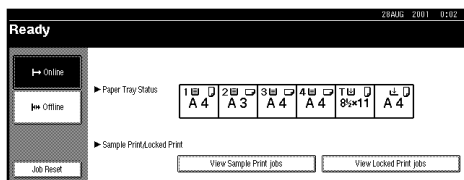
A list of the sample print files stored in the machine is displayed.

C **Highlight the file you want to delete by pressing on it.**

✐ Note

❒ You can scroll the list by pressing **[▲Prev.]** or **[▼Next.]**.

❒ You can only choose one file at a time.

D **Press [Delete].**

The delete confirmation screen will be displayed.

E **Press [Yes] to delete the file.**

After the file has been deleted the screen will return to the file list screen.

✐ Note

❒ If you do not want to delete the file, press **[No]**.

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Checking the Error Log

If a file could not be stored in the machine, you can check the error log on the control panel.

♥ Limitation

❒ The error log displays only the 20 most recent entries. If the power is turned off, the log will be deleted.

A Press the 【Printer】 key to display the Printer Screen.
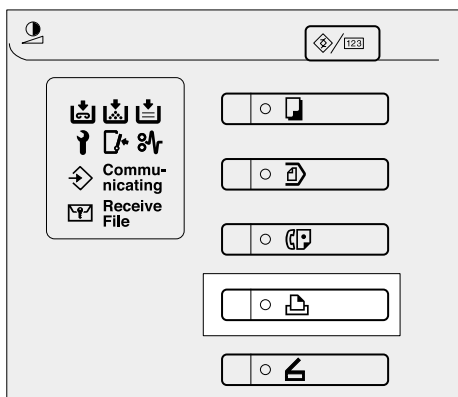
B Press [View Sample Print jobs].
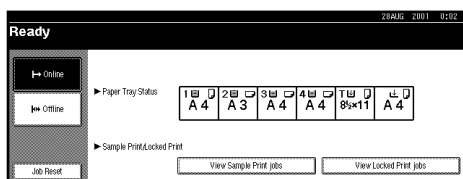
C Press [Show Error Log].
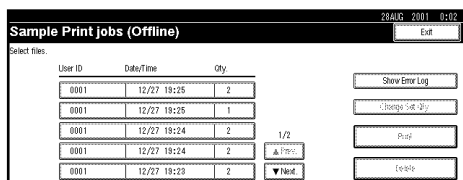
D Press [▲Prev.] or [▼Next.] to scroll the error files.

Press **[Exit]** after checking the log.

You will then return to the file list screen.

✎ Note

❒ For printing files that appear in the error log, resend them after stored files in the machine have been printed or deleted.

Locked Print

Use this function to maintain privacy when printing confidential documents on the machine over a shared network. Usually, it is possible to print data by using the control panel once the data is stored in this machine. When using Locked Print, it will not be possible to print unless a password is entered on the machine's control panel. Your confidential documents will be safe from viewing by other people.

📝 Note

❒ If the application has a collate option, make sure that it is not selected before sending a print job. By default, locked print jobs are automatically collated by the printer driver. If a collate option is selected from the application print dialog box, more sets than intended may be printed.

❒ You can identify the file you want to print by the User ID and the date and time when the job was stored.

❒ The actual number of pages the machine can save depends on the contents of the print image. For example, the machine can save up to 30 jobs or 2,000 pages. It depends on the data volume.

❒ After the locked print file is printed, the job in the machine is deleted automatically.

Printing a Locked Print File

The following procedure describes how to print a locked print file with the PCL printer driver. For information about how to print a locked print file with the PostScript 3 printer driver, see the PostScript 3 Unit Type 1045 Operating Instructions Supplement included as a PDF file on the CD-ROM.

💡 Limitation

❒ Applications, like PageMaker, which use their own drivers do not work with this function.

A **Configure the locked print in the properties of the printer driver.**

🔍 Reference

For details on configuring the PCL 6/5e or RPCS™ printer driver, see the corresponding Help files.

B **Click [OK] in the application's print dialog box to start printing.**

The locked print job is sent to the machine.

C **On the machine's control panel, press the 【Printer】key to display the Printer Screen.**
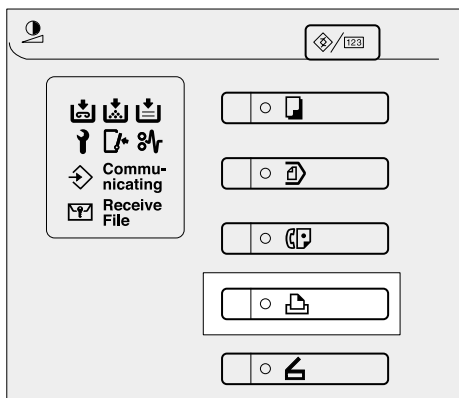
D **Press [View Locked Print jobs].**
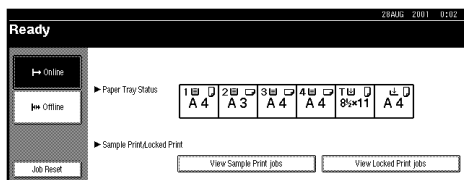
A list of the locked print files stored in the machine is displayed.
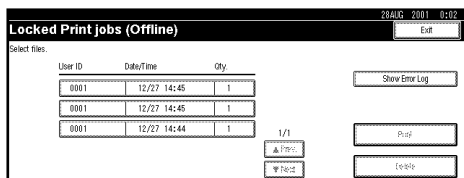
The date and time when the job was sent from the computer, as well as the User ID is displayed.

E **Select the file you want to print by pressing on it.**

✎ Note

❒ Press **[▲Prev.]** or **[▼Next.]** to scroll the list.

❒ Only one file can be selected at a time.

F **Press [Print].**

The password screen is displayed.

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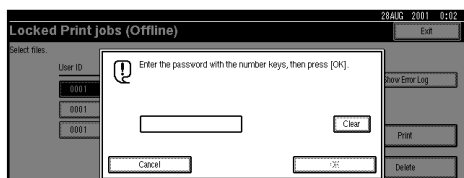
G **Enter the password using the number keys and press [OK].**

The print confirmation screen is displayed.

Note

❒ A confirmation screen will appear when the password has not been entered correctly. Press **[OK]** to enter the password again.

H **Press [Yes].**

The locked file is printed.

Note

❒ Press **[No]** to cancel printing.

❒ If printing is stopped by pressing **[Job Reset]** after printing has started, the file will be deleted.

Deleting Locked Print files

A **Press the 【Printer】 key to display the Printer Screen.**
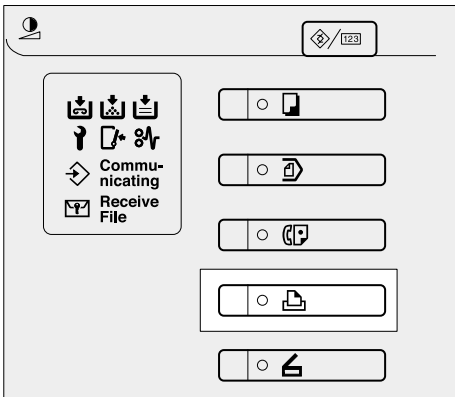
B **Press [View Locked Print jobs].**
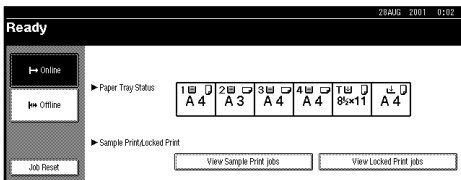
A list of the files stored in the machine is displayed.

C **Select the file you want to delete by pressing on it.**

Note

❒ Press **[▲Prev.]** or **[▼Next.]** to scroll the list.

❒ Only one file can be selected at a time.

4 Press [Delete].

The password screen is displayed.
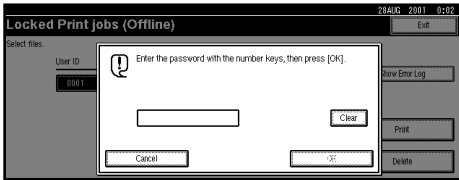
5 Enter the password using the number keys and press [OK].

The delete confirmation screen is displayed.

6 Press [Yes].

After the file has been deleted, the screen returns to the file list screen.

🖉 Note

❒ If you do not want to delete the file, press **[No]**.

Checking the Error Log

If a file could not stored in this machine, you can check the error log on the control panel.

🗬 Limitation

❒ The error log displays only the 20 most recent entries. If the power is turned off, the log will be deleted.

1 Press the 【Printer】 key to display the Printer Screen.

33
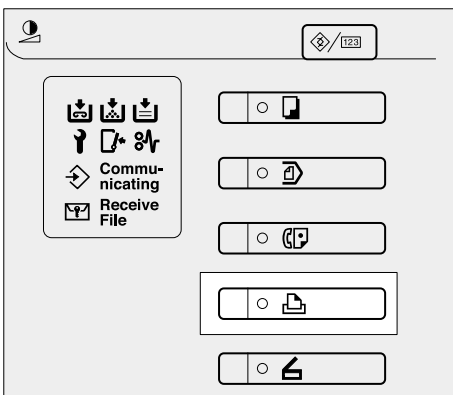
B Select [View Locked Print jobs].
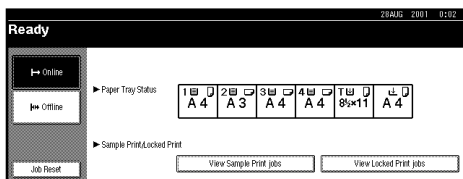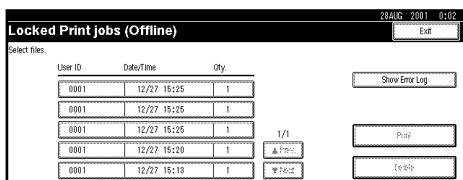
C Press [Show Error Log].

D Press [▲Prev.] or [▼Next.] to scroll the error files.

Press **[Exit]** after checking the log.

You will then return to the file list screen.

✍ Note

❒ For printing files that appear in the error log, resend them after stored files in the machine have been printed or deleted.

Accessing the Document Server

The Document Server enables you to save documents in the machine memory and then edit and print them as you want.

🔎 Reference

For more information about the Document Server function, see the Copy Reference.

For information about how to access to Document Server from a client, see the Help of the printer driver.

✍ Note

❒ When you use the Document Server, the following can be selected using the machine's control panel.

- Copies
- Collate
- Duplex
- Punch
- Staple
- Paper Source
- Output Tray

❐ Above items are lightly shaded, so you cannot set them from the **[Printer Properties]** dialog box when the Document Server is selected.

❐ You must enter User ID up to eight alphanumeric characters.

❐ You had better enter Password and File Name to distinguish the job from others.

❐ The actual number of pages the machine can save depends on the contents of the print images. As an example, the machine can save up to 200 jobs in the Document Server. 1,000 pages of one print job can be saved depending on the data volume.

3

3

4. Troubleshooting

Error & Status Messages on the Display Panel

Messages/Second messages	Descriptions and Solutions
Close duplex unit cover.	The cover of the optional Duplex Unit is open. Close the cover of the optional Duplex Unit.
Close LCT cover	The cover of the LCT is open. Close the cover of the LCT.
Collate has been cancelled.	Try installing an SDRAM module. When doing this, contact your service representative.
DIMM has a problem. Call service representative.	The DIMM inside the machine is abnormal. Replace the DIMM. For replacement, contact your service representative.
Driver setting error. (Memory)	Check the printer driver memory configuration.
Driver setting error. (Memory)	Set the character code correctly.
Driver setting error. (Memory)	Correct the Font Set Download parameters.
Duplex has been cancelled.	Try installing an SDRAM module. When doing this, contact your service representative. Also, use paper with size for duplex printing.
Ethernet board has a problem. Call service representative.	An error has occurred in the optional Network Interface Board. Turn off the power switch. Replace the Network Interface Board and turn on the power switch.
Exceeded max capacity of document server. Cannot stored.	Make the size of the transmission files smaller, or delete some of the files from the Document Server.
Exceeded max number of pages per file of document server. Cannot stored.	Delete some of the files from the Document Server.
Exceeded max number of pages per file of document server. Cannot stored.	Reduce the number of pages in the transmission files, or delete some of the files from the Document Server.
Exceeded max. stored files in sample print and locked print.	Delete unnecessary files from the machine.
Exceeded max. stored pages in sample print and locked print.	Reduce the number of pages to be printed.
Finisher is in use for another function. Please wait.	The finisher is being used by another function such as copy. Please wait until the other function has completed using the finisher.

Messages/Second messages	Descriptions and Solutions
HDD has a problem. Call service representative.	An error has occurred in the optional Hard Disk Drive. First turn the power switch off and then on. If the message appears again, call your sales or service representative.
HDD has not been installed.	Install an HDD unit. If this error reappears even if there is an HDD unit installed, contact your service representative.
HDD is full.	Delete unnecessary files stored in the machine. Also, reduce the size of sample or locked print files.
HDD is full.	Delete unnecessary fonts or forms stored in the machine.
Hex Dump Mode	The machine is in Hex Dump Mode.Wait for a while, and if the "Hex Dump Mode" message does not disappear, press 【Online】 on the Display panel to return to the "Ready" condition.
Hole punch receptacle is full. Open finisher cover and empty punch receptacle.	The hole punch receptacle is full. Please empty the receptacle.
LCT has a problem. Turn Main Power Switch off then on. If the error appears again, call service representative.	The LCT is malfunctioning. Turn the main power off on the machine and after 5 seconds turn the power on again. If the same message appears again, contact your service representative.
Load Paper Tray #	There is no paper left in this tray. Load paper into the tray indicated.
Lower Staple is almost empty.	There are a few booklet staples remaining. Please load in more booklet staples.
NV-RAM has a problem. Call service representative.	An error has occurred in the optional Memory Unit. Turn off the power switch, replace the Memory Unit, and then turn on the power switch.
NV-RAM has a problem. Call service representative.	The content of the NV-RAM is damaged. Replace the NV-RAM. For replacement, contact your service representative.
Offline	The machine is offline. If you want to put the machine online, press 【Online】.
Output tray has been changed.	Set the correct output tray.
Paper in duplex unit. Open cover and remove paper.	There is a misfeed in the Duplex Unit. Remove the misfed paper.
Paper in staple tray. Open finisher cover and remove paper.	Remove the paper remaining inside the finisher.
Paper tray 1 has a problem. Turn Main Power Switch off then on. If the error appears again, call service representative.	Paper tray 1 is malfunctioning. Turn the main power off on the machine, wait 5 seconds and then turn the power on again. If the same message reappears, contact your service representative.
Parallel I/F board has a problem. Call service representative.	Parallel I/F board has a problem. Contact your service representative.

Messages/Second messages	Descriptions and Solutions
Please wait.	The machine is warming up or setting the toner.
Printing...	Wait for a while.
Print overrun.	Try installing an SDRAM module. When doing this, contact your service representative.
Punch has been cancelled.	Check the paper direction, printing direction as well as the post-process positioning settings.
Ready	The machine is online and ready to make prints. If you want to take the machine offline, press **[Online]**.
Reset duplex unit correctly. If the error appears again, call service representative.	The optional Duplex Unit is not set correctly. An error has occurred in the Duplex Unit. Set the optional Duplex Unit correctly. If the message appears again, call your sales or service representative.
Resetting job...	The print job is being reset. Wait for a while.
RPCS graphic error.	There is the possibility that the SDRAM is not working correctly. For details, contact your service representative.
RPCS Memory Overflow.	There is the possibility that the SDRAM module is not working correctly. For details, contact your service representative.
RPCS memory overflow.	Printing canceled by the autojob cancel.
Selected paper tray is in use for another function. Please wait.	The selected paper tray is being used by another function such as copy. Please wait until the other function has completed using the selected paper tray.
Shift tray has a problem. Call service representative.	Malfunction occurs when using the Shift function. Contact your service representative.
Staple has been cancelled.	Check the paper direction, printing direction as well as the post-process positioning settings.
Staple is almost empty.	There are a few staples remaining. Please load in more staples.
Staple unit has a problem. Call service representative.	The staple unit is malfunctioning. Contact your service representative.
Staple unit is in use for another function. Please wait.	The staple unit is being used by another function such as copy. Please wait until the other function has completed using the staple unit.
Toner is almost empty.	The toner has almost run out. Prepare a new toner cartridge. If the image density gets too light, replace the toner cartridge with a new one.
Unauthorized user access. Print job has been cancelled.	Check the User Code permission conditions.
Waiting...	The machine is waiting for the next print job. Wait for a while.

4

Machine configuration

You can check the machine configuration using telnet.

❖ **telnet**

Use the info command.

❖ **UNIX**

Use the lpg or lpstat command or stat parameter of rsh, rcp, or ftp.

$\mathcal{P}$ **Reference**

For more information, see "*Remote Maintenance by Telnet (mshell)*" in the Network Printing Guide Operating Instructions provided as a PDF file on the CD-ROM labeled "Operating Instructions for Printer".

$\mathscr{D}$ **Note**

❒ "*" (asterisk) is displayed with the current setting.

❒ Regarding *1–*5, see table below.

Item	Description
Printer System	Version of the printer
Network Board	Version of the network board
Input Tray	
No.	ID number of the paper tray
Name	Name of the paper tray[1]
PaperSize	Paper size loaded in the paper tray[2]
Status	Current status of the paper tray[3]
Output Tray	
No.	ID number of the output tray
Name	Name of the output tray[4]
Status	Current status of the output tray[5]

❖ ***1 Input Tray: Name**

Name	Description
Tray X	Name of installed paper tray. (X is the number of tray.)
Bypass Tray	Bypass tray

❖ *2 Input Tray: Paper Size

Paper Size	Description
A3 (297×420)	A3 ⬓
B4JIS (257×364)	B4 ⬓
A4 (297×210)	A4 ⬓
A4 (210×297)	A4 ⬓
B5JIS (257×182)	B5 ⬓
B5JIS (182×257)	B5 ⬓
A5 (210×148)	A5 ⬓
A5 (148×210)	A5 ⬓
A6 (105×148)	A6 ⬓
11×17	DL ⬓
$8^1/_2 \times 14$	LG ⬓
$11 \times 8^1/_2$	LT ⬓
$8^1/_2 \times 11$	LT ⬓
$5^1/_2 \times 8^1/_2$	HL ⬓
FRI	Custom Size
$10^1/_2 \times 7^1/_4$	$10^1/_2" \times 7^1/_4"$ ⬓
$7^1/_4 \times 10^1/_2$	$7^1/_4" \times 10^1/_2"$ ⬓
$8^1/_4 \times 13$	$8^1/_4" \times 13"$ ⬓
$8^1/_2 \times 13$	$8^1/_2" \times 13"$ ⬓
$4^1/_8 \times 9^1/_2$	$4^1/_8" \times 9^1/_2"$ ⬓
$3^7/_8 \times 7^1/_2$	$3^7/_8" \times 7^1/_2"$ ⬓
DL (110×220)	DL ⬓
C5 Env(162×229)	C5 Env ⬓
8×13	$8" \times 13"$ ⬓
C6 Env(114×162)	C6 Env ⬓
NCS	There is no tray.
**	The paper size is not selected.

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❖ *3 Input Tray: Status

Status	Description
Normal	—
NoTray	There is no paper tray
PaperEnd	There is no paper in the paper tray

❖ *4 Output Tray: Name

Name	Description
Standard Tray	Output tray
1-bin Shift Tray	Upper postprint tray
Postprint Tray 1-9	Postprint tray 1-9

❖ *5 Output Tray: Status

Status	Description
Normal	----
PaperExist	There is paper in the output tray
OverFlow	Output tray is full of paper
Error	Other error

Machine Does Not Print

Possible Cause	Solutions
Is the power on?	Make sure that the cable is securely plugged into the power outlet and the machine.
	Turn on the power switch.
Does the **Online** indicator stay on?	Press **[Online]** so the indicator lights.
Is the error and status message displayed?	Check the error and status message on the display panel and take the required action.
Does the indicator next to the Printer key stay red?	Check the error message, and take the required action.
Is paper loaded?	Load paper into the paper tray or on the bypass tray.
Can you print a configuration page?	If you cannot print a configuration page, it probably indicates a machine malfunction. You should contact your sales or service representative.
	If you can print a configuration page but cannot get the machine to print when you issue a print command from the computer, it probably means there is a problem with the computer.
	Note that large or complex data might take a long time to be printed.
Is the interface cable connecting the machine to the computer connected securely?	Connect the interface cable properly. If there are any connectors or screws, make sure that they are securely fastened.
Did you connect the interface cable after turning on the power switch?	Make sure to connect the interface cable before turning on the power switch.
Are you using the correct interface cable?	The type of interface cable you should use depends on the computer. Make sure to use the correct one.
	If the cable is damaged or worn, replace it with a new one.
Are the user restrictions activated?	Set the user ID correctly in the printer driver.
	Cancel the user restrictions.
	• For details on the user restrictions, as well as how to cancel them, and user ID assignations. See the System Setting.

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Possible Cause	Solutions
Is the **Data In** indicator blinking or lit after starting the print job?	If not blinking or lit, the data is not being sent to the machine. ❖ **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** 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. • **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.

Note

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

Other Printing Problems

Status	Possible Causes, Descriptions, and Solutions
Multiple pages are fed through the machine together.	Remove all paper from the tray and fan it gently to get air between the sheets. After that, load it back into the tray.
The image is printed on the reverse side of the paper.	Set 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 control panel error message stays on after removing the misfed paper.	Open the front cover of the machine and then close it.
It takes a long time for the machine to start printing.	The machine might be in Energy Saver mode or Low Power mode, which requires more time for warming up and resuming the print job. If you cannot wait, change the settings for Low Power. Shift Time and Low Power Timer.
It takes too much time to resume printing.	The data is so large or complex that it takes time to process it. If the **Data In** indicator is blinking, printing data processing is taking place. Just wait until printing resumes.
The image is printed in the wrong orientation.	Make sure that the orientation setting has been set in the application you are using.
	Set the correct paper size and feed direction that match the tray settings on the RPCS™ printer driver.
Windows 95/98/Me, Windows 2000, NT 4.0 : The computer does not recognize the installed printer options.	If the machine is not bidirectional, specify which options you have installed using the printer driver. See the Help file of the printer driver.
Connecting functions are not recognized when using Windows 95/98/Me, Windows 2000 and Windows NT 4.0	You have to configure the Option Setup in the Printer Properties when not using bidirectional transmission.
When in Windows, data which uses proportional fonts cannot be printed exactly as viewed on the screen.	Are you printing with the setting that replaces the True Type Font with the Printer Font? If you want to print with the same characters as viewed onscreen, use the following configuration:
	• Select the **[User Settings]** check box in the **[Print Quality]** tab of the printer driver. Click on **[Change User Settings]**. Choose the **[True Type Font]** tab, and then check the **[Print in True Type Font Image]** check box.

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Status	Possible Causes, Descriptions, and Solutions
When printing graphic data, the output and the screen are different to some extent.	If the printer driver is configured to use the graphics command, the command from the machine is used to print. If you want to print accurately, set the printer driver to print without using the graphics command.
One page is printed halfway and ejected, and the data of that page continues to be printed on the next page.	It is possible that the configuration of the **[Automatic Paper Ejection Time]** in the Printer Initialization setting has been set too short. Set it to **[None]** or for a longer time.
The Page Layout is shifting.	Print areas differ according to the printer used. The information that fits on one page on one machine may not fit on one page of another machine. Adjust the **[Print Area]** settings in the printer driver.
The paper comes out from a different tray than expected.	The paper tray set in the printing conditions or the print driver has priority over the paper tray set in the **[Paper Select]** function in the control panel. Set correctly the print conditions or the printer driver.
Duplex printing is malfunctioning.	• Duplex printing cannot be done with paper set in the manual tray. When using duplex printing, correct the settings to use paper from a tray other than the manual tray. • Duplex printing cannot be done with a tray, set in **[off]** in the **[Duplex]** setting of the system configuration.
When using Windows 95/98/Me, Windows 2000, or Windows NT4.0, either forced printing or bookbind printing cannot be set.	Make sure that the paper set in the application has the same size and direction as in the **[Accessories]**. If a different paper size and direction are set, choose the same size and direction.
When using Windows 95/98/Me, Windows 2000, or Windows NT4.0, doubling of the paper settings is not possible.	
Vertical and horizontal are printed reversed.	It is possible that the printer condition's original direction is not correctly set. Make sure that it has been correctly set.
When stapling and printing documents which have different sizes and paper directions, stapling does not occur correctly.	Documents which have different sizes and paper directions may not be stapled as expected depending on the location of the staples.

✐ Note

❒ If the problem cannot be solved, contact your sales or service representative.

5. Using the Control Panel

Though the factory default settings of the machine are suitable for most printing jobs, the "Printer Features" gives you access to a number of settings that control basic printer operations. "Printer Features" settings you make are retained even when you turn off the machine.

🔎Reference

For more information about the copy features and their system settings, see the Copy Reference and the System Settings.

Adjusting Printer Features

Printer Features Menu

There are six menu items in the "Printer Features" menu.

- Paper Input
- List/Test Print
- Maintenance
- System
- Host Interface
- PCL Config. Page

You can select functions in the following table.

Category	Function menu
Paper Input ⇒ p.50	Bypass Paper Size
List/Test Print ⇒ p.50	Config. Page
	Menu List
	PS Config. Page
	PCL Config. Page
	Hex Dump
Maintenance ⇒ p.50	Menu Protect

Category	Function menu	
System ⇒ p.51	Misfeed Recovery	
	Print Error Report	
	Auto Continue	
	Memory Overflow	
	Sub Paper Size	
	Page Size	
	Duplex	
	Job Separation	
	Memory Usage	
	Unit of Measure	
	Edge Smoothing	
	Resolution	PCL
		PS
	Toner Saving	
Host Interface ⇒ p.54	I/O Buffer	
	I/O Timeout	
PCL Config. Page⇒ p.54	Orientation	
	Form Lines	
	Font Source	
	Font Number	
	Point Size	
	Font Pitch	
	Symbol Set	

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Accessing the Printer Features

A **Press 【User Tools/Counter】 on the control panel.**

B **Press [Printer Features].**

C **Select the desired item by pressing the tab, and change the settings.**

✐ Note

❒ **[OK]** : Press to set the new settings and return to the previous menu.

❒ **[Cancel]** : Press to return to the previous menu without changing any setting.

Exiting from the Printer Features

A **After changing Printer Features, press [Exit] to return to the User Tools/Counter menu.**

B **Press [Exit].**

✐ Note

❒ You can also exit from the User Tools/Counter menu by pressing 【User Tools/Counter】.

Printer Features Parameters

Paper Input

Menu	Description
Bypass Paper Size	The paper size for the bypass tray.
	For more information about paper sizes that can be set in the bypass tray, see the Copy Reference.

List/Test Print

Menu	Description
Config. Page	You can print the current configuration of the machine.
Menu List	You can print the Menu List which shows the function menus of the machine.
PS Config. Page	You can print a list of the installed PS 3 Fonts.
PCL Config. Page	You can print the current configuration of the PCL.
Hex Dump	You can print the Hex Dump.

Maintenance

Menu	Description
Menu Protect	This procedure lets you protect menu settings against accidental changes. It makes it impossible to change the menu settings you make with the normal procedure unless you perform the required key operation. In a network environment, protecting settings restricts changes to menu settings to network administrators. • Off • Level 1 • Level 2 ✐ **Note** ❒ Default: Off

System

Menu	Description
Misfeed Recovery	You can select whether or not to enable Misfeed Recovery. When it is on, printing restarts after the misfed paper has been cleared. • Off • On **✎ Note** ❒ Default: On
Print Error Report	You can select whether or not to have an error report printed when a printer error or memory error occurs. • Off • On **✎ Note** ❒ Default: Off
Auto Continue	You can select whether or not to enable Auto Continue. When it is on, you can set the time interval for when to continue after an error. • Off • 0 minute • 1 minute • 5 minutes • 10 minutes • 15 minutes **✎ Note** ❒ Default: Off ❒ When "0 minute", "1 minute", "5 minutes", "10 minutes" or "15 minutes" is selected, and certain types of error occur, the current job might be canceled, and the machine automatically resumes with the next job.
Memory Overflow	You can select whether the memory overflow error report should be printed. • Not Print • Error Report **✎ Note** ❒ Default: Not Print
Sub Paper Size	You can enable the Auto Substitute Paper Size (A4↔LT) feature. • Auto • Off **✎ Note** ❒ Default: Off

Menu	Description
Page Size	You can select the default Paper size. • 11×17 • $8\frac{1}{2} \times 14$ • $11 \times 8\frac{1}{2}$ • $5\frac{1}{2} \times 8\frac{1}{2}$ • $7^1/_4 \times 10\frac{1}{2}$ • 8×13 • $8\frac{1}{2} \times 13$ • $8^1/_4 \times 13$ • A3 • B4 • A4 • B5 • A5 • A6 • Custom Size ✎ **Note** ❒ Default:A4
Duplex	You can select whether you want to print on both sides of each page. • Off • Long Edge Bind • Short Edge Bind ✎ **Note** ❒ Default: Off ❒ This menu appears only when the optional Duplex Unit is installed.
Job Separation	You can enable Job Separation. • On • Off ✎ **Note** ❒ Default: Off ❒ This menu appears only when the optional 1-bin shift sort tray is installed.

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Menu	Description
Memory Usage	You can select the volume of memory to be used in the "Font Priority" or "Frame Priority", according to the paper size or resolution. • Font Priority This setting uses memory for registering fonts. • Frame Priority This setting uses frame memory for high speed printing. 🖉 **Note** ❒ Default: Frame Priority
Unit of Measure	You can select "mm" or "inch" for the custom paper size. • mm • inch 🖉 **Note** ❒ Default: mm (metric version), inch (inch version)
Edge Smoothing	You can set whether or not to enable "Edge Smoothing". • On • Off 🖉 **Note** ❒ Default: On ❒ If "Toner Saving" is "On", "Edge Smoothing" is ignored even if it is "On".
Resolution	You can set the print resolution in dots per inch. ❖ **PCL** 300 dpi, 600 dpi ❖ **PS** 300 dpi, 600 dpi 🖉 **Note** ❒ Default: 600 dpi ❒ The PCL 6 can only be set to 600 dpi.
Toner Saving	You can select whether or not to enable "Toner Saving". • On • Off 🖉 **Note** ❒ Default: Off ❒ If "Toner Saving" is "On", "Edge Smoothing" is ignored even if it is "On".

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Host Interface

Menu	Description
I/O Buffer	You can set the size of the I/O Buffer. Normally it is not necessary to change this setting. 16 KB, 32 KB, 64 KB, 128 KB, 256 KB, 512 KB *Note* ❒ Default: 32 KB
I/O Timeout	You can set how many seconds the machine should wait before ending a print job. If data from another port often arrives in the middle of the print job, you should increase the timeout value. 10 seconds, 15 seconds, 20 seconds, 25 seconds, 60 seconds *Note* ❒ Default: 15 seconds

PCL Config. Page

Menu	Description
Orientation	You can set the page orientation. • Portrait • Landscape *Note* ❒ Default: Portrait
Form Lines	You can set the number of lines per page. • 5-128 *Note* ❒ Default: 64 (Metric version), 60 (Inch version)
Font Source	You can set the location of the default font. • Resident • RAM • HDD
Font Number	You can set the ID of the default font you want to use. • 0 to 50 *Note* ❒ Default: 0

Menu	Description
Point Size	You can set the point size you want to use for the selected font. 4 to 999.75 by 0.25 ✏ **Note** ❒ Default: 12.00 ❒ This setting is effective only for a variable-space font.
Font Pitch	You can set the number of characters per inch you want to use for the selected font. 0.44 to 99.99 by 0.01 ✏ **Note** ❒ Default: 10.00 ❒ This setting is effective only for a fixed-space font.
Symbol Set	You can specify the set of print characters for the selected font. The available options are as follows. Roman-8, ISO L1, ISO L2, ISO L5, PC-8, PC-8 D/N, PC-850, PC-852, PC8-TK, Win L1, Win L2, Win L5, Desktop, PS Text, VN Intl, VN US, MS Pubi, Math-8, PS Math, VN Math, Pifont, Legal, ISO 4, ISO 6, ISO 11, ISO 15, ISO 17, ISO 21, ISO 60, ISO 69, Win 3.0 ✏ **Note** ❒ Default: Roman-8

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Machine condition

We recommend that you print the configuration page and check the machine's settings before changing them.

A **Press 【User Tools/Counter】 on the control panel.**

The User Tools/Counter menu appears.

B **Press [Printer Features].**

The Printer Features menu appears.

C **Press the [List/Test Print] tab.**

The following screen appears on the display panel.
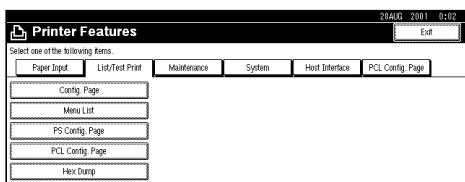
D **Press [Config. Page].**

The configuration page is printed.

Staple and Punch

By installing the optional finisher, you can staple one printing at a time when printing multiple copies. See the Help files of the printer driver for details on the print methods.

❗ Limitation

❐ The printer cannot staple paper that is fed from the bypass tray.
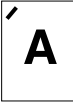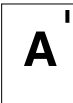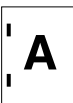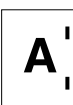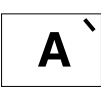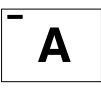
🖉 Note
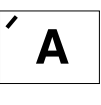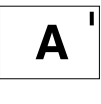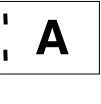
❐ If you cannot make the settings for stapling even when the optional finisher is connected, it might not have been attached properly. Make the proper settings for the optional finisher in the printer driver's dialog box.

❐ Outputs of staple depend on the print direction, feed direction and staple setting. The following table shows the staple positions.

❖ **Staple**
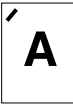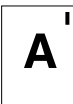
   ❖ **RPCS or PCL Printer Driver installed machine**
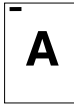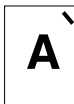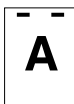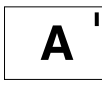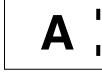
Feed Direction	Print Direction	Staple Setting	Staple Position
	Portrait	Top left slant	
		Top right	
		2 at left/ Left 2	
		2 at right/ Right 2	
	Land-scape	Top right slant	
		Top left	
		2 at Top/ Top 2	

Feed Direction	Print Direction	Staple Setting	Staple Position
	Portrait	Top right slant	
		Top left	
		2 at top/ Top 2	
	Land-scape	Top left slant	
		Top right	
		2 at left/ Left 2	
		2 at right/ Right 2	
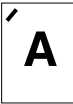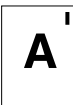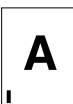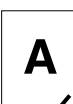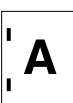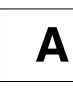
❖ PS Printer Driver installed machine (Windows 9X)

Feed Direction	Print Direction	Staple Setting	Staple Position
	Portrait	Top left	
		Top right	
		Top 2	Prints are not stapled.
		Left 2	Prints are not stapled.
		Right 2	Prints are not stapled.
	Land-scape	Top left	
		Top right	
		Top 2	
		Left 2	Prints are not stapled.
		Right 2	Prints are not stapled.
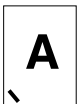
Feed Direction	Print Direction	Staple Setting	Staple Position
	Portrait	Top left	
		Top right	
		Top 2	
		Left 2	Prints are not stapled.
		Right 2	Prints are not stapled.
	Land-scape	Top left	
		Top right	
		Top 2	Prints are not stapled.
		Left 2	
		Right 2	
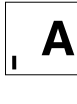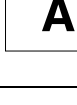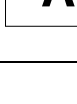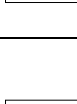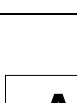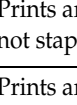
6

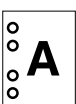### ❖ PS Printer Driver installed machine (Windows NT/2000/Macintosh)

Feed Direction	Print Direction	Staple Setting	Staple Position
	Portrait	Top left	
		Top right	
		Bottom left	
		Bottom right	
		2 at top	Prints are not stapled.
		2 at bottom	Prints are not stapled.
		2 at left	
		2 at right	
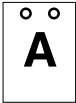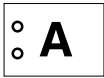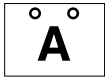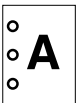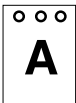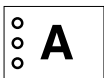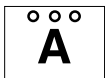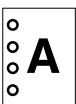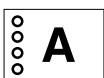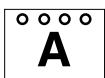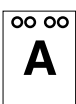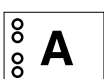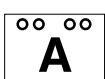
Feed Direction	Print Direction	Staple Setting	Staple Position
	Landscape	Top left	
		Top right	
		Bottom left	
		Bottom right	
		2 at top	
		2 at bottom	
		2 at left	
		2 at right	

❖ **PS Printer Driver installed machine (Windows NT/2000/Macintosh)**

Feed Direction	Print Direction	Staple Setting	Staple Position
	Portrait	Top left	
		Top right	
		Bottom left	
		Bottom right	
		2 at top	
		2 at bottom	
		2 at left	Prints are not stapled.
		2 at right	Prints are not stapled.

Feed Direction	Print Direction	Staple Setting	Staple Position
	Land-scape	Top left	
		Top right	
		Bottom left	
		Bottom right	
		2 at top	
		2 at bottom	
		2 at left	Prints are not stapled.
		2 at right	Prints are not stapled.

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❖ **Punch**

Punch Setting	Portrait		Landscape	
	Left	**Top**	**Left**	**Top**
2 holes [*1]	A	A	A	A
3 holes [*2]	A	A	A	A
4 holes Type E [*3]	A	A	A	A
4 holes Type NE [*3]	A	A	A	A

[*1] Available for metric and inch version.
[*2] Available for inch version only.
[*3] Available for metric version only.

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Specifications

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

Component	Specification
Resolution	300 dpi, 600 dpi ; PCL, PostScript 3/600 dpi ; RPCS™
Printing Speed	35ppm, 45ppm (A4 ⏄ , 8½" × 11" ⏄) 📎 **Note** ❒ Printing Speed depends on the machine. Check which type of machine you have.
Parallel Interface	Standard 36-pin printer cable and a parallel port on the host computer. IEEE1284 📎 **Note** ❒ Do not use a parallel cable that is longer than 3 meters (10 feet).
Printer Language	PCL 5e , PCL 6, RPCS™ PostScript 3 (option)
Fonts	**PCL 5e, PCL 6** Afga Font Manager 35 Intellifonts, 10 TrueType fonts, and 1 Bitmap font Font Manager available. **PostScript 3** 136 fonts (Type 2:24, Type 14:112)
Memory	**Standard :** 32MB **Optional SDRAM :** 64MB
Hard Disk	**Storage capacity :** 10GB or more
Operation Systems supported by this machine	Windows 95/98/Me Windows 2000 Windows NT 4.0 Mac OS 7.61 to 9.0.4
Network	**Topology :** Ethernet 10BASE-T/100BASE-TX
	Protocol : TCP/IP, IPX/SPX, NetBEUI, AppleTalk
Network Cable	10BASE-T/100BASE-TX shielded twisted-pair (STP, Category/Type5) cable.

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Options

Mailbox (CS360)

❖ **Dimensions (W×D×H):**
600×545×970mm (23.6″×21.5″×38.2″)

❖ **Weight:**
38 kg (83.8lb)

❖ **Paper Size:**
Upper postprint tray : A3▭, B4▭, A4▯▭, B5▯▭, A5▯▭, B6▭, A6▭,
11×17▭, 8½×14 (Legal)▭, 8½×11 (Letter)▯▭, 5½×8½▭, undefined size
Postprint trays 1–9 : A3▭, B4▭, A4▯▭, B5▯▭, A5▯▭, 11×17▭, 8½×14
(Legal)▭, 8½×11 (Letter)▯▭, 5½×8½▭

❖ **Paper Weight:**
Upper postprint tray : 52–157g/m^2(14-42lb)
Postprint trays 1–9 : 64–82g/m^2(17-22lb)

❖ **Stack Capacity:**
Upper postprint tray : 500 sheets/bin(80g/m^2)
Postprint trays 1–9 : 100 sheets/bin(80g/m^2)

Bridge Unit Type 460

❖ **Dimensions (W×D×H):**
417×406×76mm (16.4″×16″×3″)

❖ **Weight:**
4 kg (8.8lb)

Memory Unit TypeB 64MB

❖ **Module Type:**
SO-DIMM (Small Outline Dual-in-line Memory Module)

❖ **Memory Type:**
SDRAM (Synchronous Dynamic RAM)

❖ **Number of Pins**
144 pins

Network Interface Board Type 1045

❖ **Topology:**
Ethernet (10BaseT/100BaseTX)

❖ **Protocols:**
TCP/IP, NetBEUI, IPX/SPX, AppleTalk

❖ **Interface Connector:**
RJ45

❖ **Required Cable:**
STP (Shielded Twisted-Pair) cable
Category / Type5 or better

IEEE 1394 Interface Unit Type 1045

❖ **Interface Connector:**
IEEE 1394 (6 pin × 2)

❖ **Required cable:**
1394 interface cable (6 pin x 4 pin, 6 pin x 6 pin)

⚡Important

❒ You cannot plug devices together so as to create loops.

❒ Do not use a cable more than 4.5 meters long.

❖ **Connectable number of devices on a bus**
Maximum 63

❖ **Allowed cable hops on a bus**
Maximum 16

❖ **Power supply**
Non power supply
Cable Power repeated (IEEE 1394a-2000 compliant)

⚡Important

❒ In Windows 2000, the IEEE 1394 Interface Unit can only be used with Service Pack 1 or later. If the Service Pack is not installed, the connectable number of devices in a 1394 bus is only one, and the client cannot access the IEEE 1394 Interface Unit without using an account that has Administrators permission.

❒ The optional IEEE 1394 Interface Unit is not supported by Windows 95/98/Me. If the "plug and play" function starts, click **[Cancel]** in the **[New Hardware Found]** or **[Device Driver Wizard]** dialog box.

❒ Do not plug or unplug the 1394 interface cable while installing the printer driver.

❒ Do not turn off or on the device while installing the printer driver.

❒ If the IEEE 1394 Interface Unit is installed, uninstall the printer driver after the IEEE 1394 interface cable is unplugged.

🖉 Note

❒ The IEEE 1394 Interface Unit could not receive data from more than one computer at the same rime. In this case, an error message appears. The machine can accept data sent from other computers after the first print job has finished.

❒ Bidirectional transmissions are not supported by the IEEE 1394 Interface Unit.

❒ When the IEEE 1394 Interface Unit is installed successfully and the IEEE 1394 interface cable plug is connceted, the machine icon automatically changes from "Use Printer Offline" to "Ready".

PostScript 3 Unit Type 1045

🔎 Reference

See the Postscript 3 Unit Type 1045 Operating Instructions Supplement for information.

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Declaration of Conformity

"The Product complies with the requirements of the EMC Directive 89/336/EEC and the Low Voltage Directive 73/23/EEC."

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Caution:

Network interface cable with ferrite core must be used for RF interference suppression.

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Printer Unit Type 1045 Operating Instructions Printer Reference 2