

Printer Controller EB-105EX

Printing Guide

For use with the following copiers:

Ricoh Aficio 2090/2105

Savin 4090/40105

Gestetner 9002/10512

nashuatec 9005/10515

Rex Rotary 9008/10518

Lanier LD090/LD0105

infotec 2090/2105



About the Documentation

This manual is part of a set of Printer Controller EB-105EX™ documentation that includes the following manuals for users and system administrators:

- The *Quick Start Guide* summarizes the steps for configuring the Printer Controller EB-105EX and printing. It also describes how to access the online documentation.
- The *User Software Installation Guide* describes how to install software from the User Software CD to enable users to print to the Printer Controller EB-105EX, and also describes setting up printing connections to the Printer Controller EB-105EX.
- The *Configuration Guide* explains basic configuration and administration of the Printer Controller EB-105EX for the supported platforms and network environments. It also includes guidelines for setting up UNIX, Windows NT 4.0/2000, and Novell NetWare servers to provide printing services to users.
- The *Printing Guide* describes the printing features of the Printer Controller EB-105EX for users who send jobs from their computers.
- The *Job Management Guide* explains the functions of the job management utilities, including Command WorkStation™ and DocBuilder Pro™, and how you can use them to monitor and control jobs on the Printer Controller EB-105EX. This manual is intended for an operator or administrator, or a user with the necessary access privileges, who monitors and manages job flow, and troubleshoots problems that may arise.
- The *User Addendum* describes advanced PostScript print options in the Windows 98/Me, Windows NT/2000/XP, and Mac OS printer drivers.
- *Release Notes* provide last-minute product information and workarounds for some of the problems you may encounter.

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If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

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Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

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303 Velocity Way
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Introduction

The Printer Controller EB-105EX is used to print final documents or proof jobs that will be printed later on an offset press. You send a print job to the Printer Controller EB-105EX as you would to any other printer—select it from the Printers dialog box on Microsoft Windows computers, or in the Chooser on Apple Mac OS computers, and then print from within any application.

NOTE: The term “EB-105EX” is used in this manual to refer to the Printer Controller EB-105EX. The name “Aero” is used in illustrations to represent the EB-105EX. The term “Windows 9x” is used in this manual to refer to Windows 95 and Windows 98. The term “Windows” is used in this manual to refer to Windows 9x/Me, Windows NT 4.0, and Windows 2000/XP.

Although it may not be the case at all sites, it is assumed that an operator controls and manages jobs sent by users from remote workstations. For information on the features of Command WorkStation, Fiery WebSpooler™, and Fiery Spooler, see the *Job Management Guide*.

About this manual

This manual is intended for remote users who send jobs via the network and the EB-105EX. It covers the following topics:

- Printing from a Windows computer
- Printing from a Mac OS computer
- Printing from a UNIX workstation
- Downloading files and fonts using Fiery Downloader™ and Fiery WebDownloader™
- Monitoring jobs and accessing information using Fiery WebTools™
- Printing using the Fiery E-mail Service
- Specifying and overriding job settings, generating a list of fonts installed on the EB-105EX, and troubleshooting information

Chapter 1: Printing from Windows Computers

This chapter describes printing to the EB-105EX from Windows computers. You can print from a networked Windows computer or a computer using Windows (WINS) printing. You can also save files to print at a remote location.

You can print from a Windows computer in many ways. You can download PostScript (PS), Encapsulated PostScript (EPS), Tagged Image File Format (TIFF), or Portable Document Format (PDF) files using Fiery Downloader or Fiery WebDownloader, or print documents using the Fiery E-mail Service. For supported file versions, see the *User Software Installation Guide*.

For basic instructions and details on using Fiery Downloader or Fiery WebDownloader, see [Chapter 4](#). For basic instructions on using the Fiery E-mail Service, see [Chapter 8](#).

NOTE: For information on setting up the Windows environment for printing with Windows servers connected to the EB-105EX, see the *Configuration Guide*. For information about connecting to the EB-105EX over the network, installing printer drivers, and installing Fiery® utilities, see the *User Software Installation Guide*.

Printing from applications

Once the EB-105EX printer driver is installed and set to the proper port, as described in the *User Software Installation Guide*, you can print directly from most Windows applications. Simply set the print options for the job and choose the Print command from within your application.

Setting options and printing from Windows computers

To print from Windows computers, select and install the corresponding Adobe or Microsoft PostScript printer driver. The drivers are included on the EB-105EX User Software CD.

Once the Adobe or Microsoft PostScript printer driver and printer description file (PPD) are installed, you can specify print settings for a particular job and print it to the EB-105EX. You can also set default print settings using the driver.

To print from Windows applications by connecting your computer to a print server via the network, a Novell NetWare, Windows NT 4.0, or UNIX server is required. For more information, see the *Configuration Guide*.

To print from Windows applications without connecting to a print server, you can use Server Message Block (SMB) printing. For more information, see the *User Software Installation Guide*.

The following procedures explain how to use the driver to specify print options. For information about specific print options, see [Appendix A](#).

NOTE: The following procedures use Windows 98 illustrations.

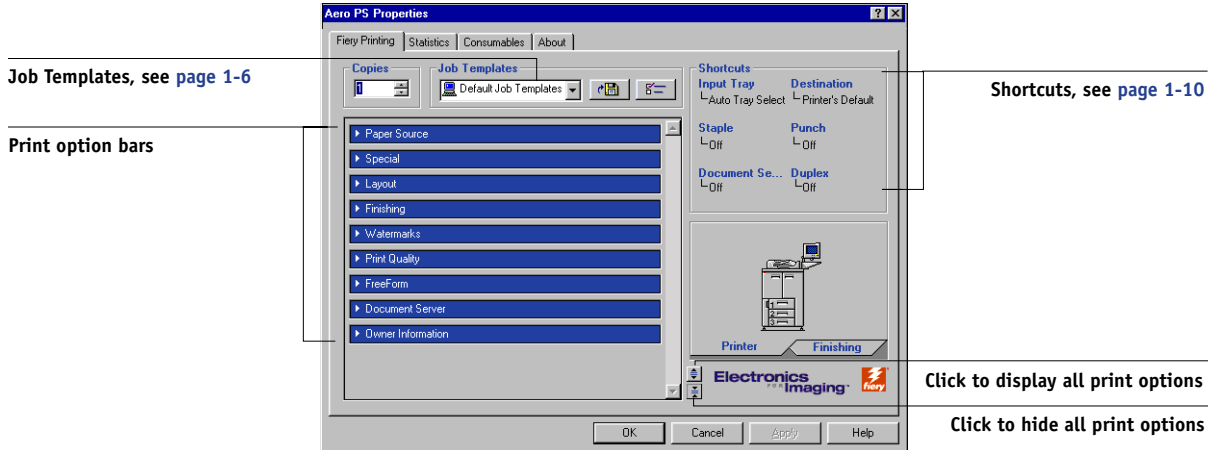
TO SET PRINT OPTIONS FOR A SPECIFIC WINDOWS PRINT JOB USING THE ADOBE OR MICROSOFT POSTSCRIPT PRINTER DRIVER

1. Choose **Print** in your application.
2. Select the EB-105EX as the printer and click **Properties**.

1

1-3 Printing from applications

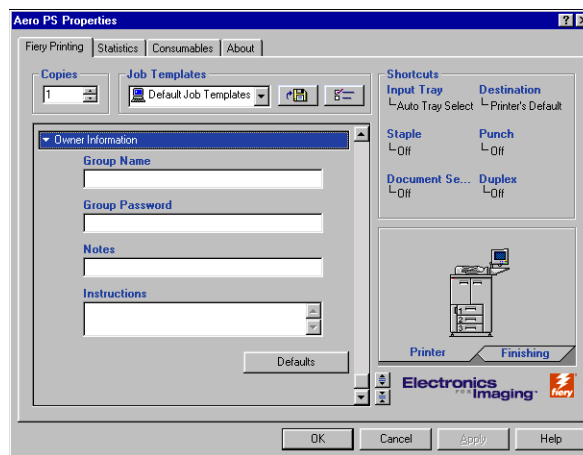
3. Click the Fiery Printing tab.



The Fiery Printing tab serves as the control center for all frequently used printing functions.

NOTE: Supported tabs and print options may vary between Windows 9x/Me, Windows NT 4.0, and Windows 2000/XP PostScript drivers. For a complete list of print options, see [Appendix A](#).

4. Click the Owner Information print option bar.



5. Enter the Group Name, Group Password, and text in the Notes area.

The information you enter in the Notes areas can be viewed by the operator at Command WorkStation, Fiery WebSpooler, or Fiery Spooler and also appears in the Job Log. It *cannot* be edited or erased by the operator.

NOTE: Group Name and Group Password options are not available when printing to the Direct connection.

For more information on Command WorkStation overrides, see the *Job Management Guide*.

6. In the Instructions area, enter instructions to the operator about the job.

These instructions can be displayed in Command WorkStation, but do not appear in the Job Log. These instructions *can* be edited by the operator.

7. Click the remaining print option bars to specify the appropriate settings for the print job and click OK.

These print options are specific to the EB-105EX and the copier. They override settings specified in EB-105EX Printer Setup, but can be overridden from the job management tools.

NOTE: The term “job management tools” is used in this manual to refer to Command WorkStation, Fiery Spooler, and WebSpooler.

For information about these options and overrides, see [Appendix A](#).

For information on configuring installable options, see the *User Software Installation Guide*.

For more information about job management tools, see the *Job Management Guide*.

If you choose Printer’s default, the job prints according to the settings specified in Setup. For more information, see [Appendix A](#).

NOTE: If paper loaded in the selected tray is a different size, orientation, or media type than that of the job you are sending, the EB-105EX displays an error message and the job fails to print. Load the correct paper in the selected tray or cancel the job.

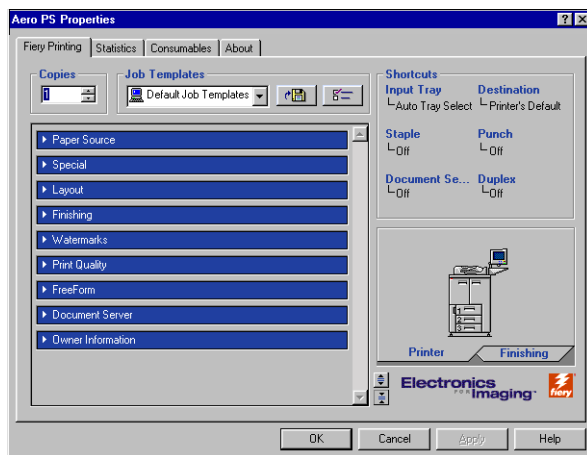
NOTE: If you specify incompatible print settings, the Conflict dialog box provides instructions to resolve the conflict.

8. Click OK to send the print job to the EB-105EX.

NOTE: Some options listed in the printer driver can also be set from an application (for example, collation or Reverse Order). In these cases, use the driver option to perform the function, rather than setting it from the application. The application might not set up the file properly for printing on the EB-105EX, which might cause an unexpected printing error, and might also take longer to process.

TO SET DEFAULT PRINT OPTIONS FOR ALL WINDOWS PRINT JOBS USING THE ADOBE OR MICROSOFT POSTSCRIPT PRINTER DRIVER

1. Click Start, choose Settings, and then choose Printers (Windows 9x/Me/NT/2000) or Printers and Faxes (Windows XP).
2. Right-click the EB-105EX icon and choose Properties (Windows 9x/Me), Document Defaults (Windows NT 4.0), or Printing Preferences (Windows 2000/XP).
3. Click the Fiery Printing tab.



4. Specify the default settings for your print job, as described on [page 1-2](#).
5. Click OK to save the default settings.

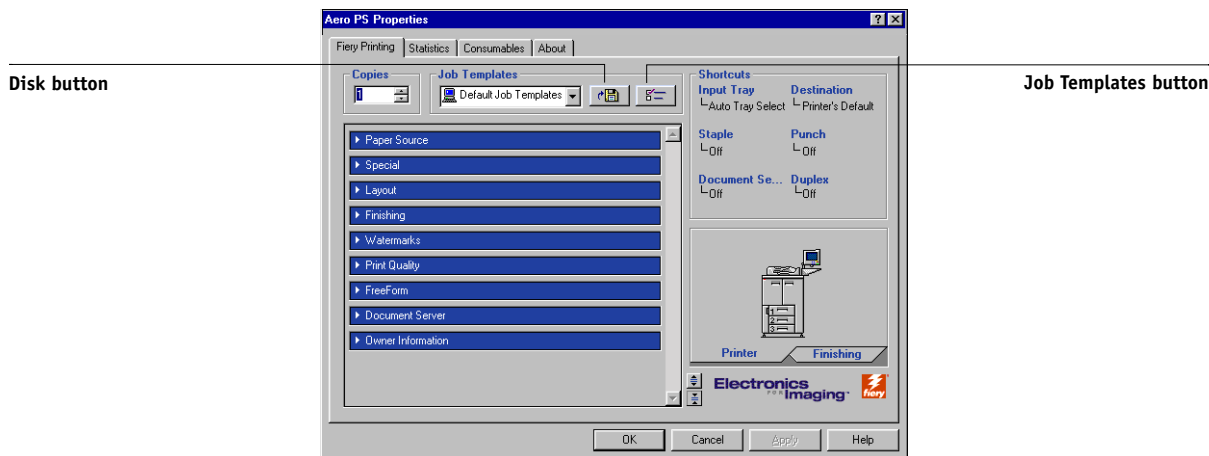
Using job templates

You can save print option settings to your hard disk so you can easily load specifically configured settings for a particular job as a template. You can also share templates over a network, using the Import and Export features.

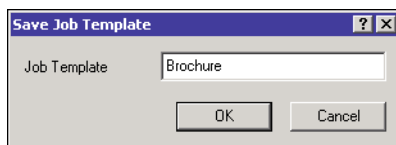
TO CREATE A JOB TEMPLATE

1. **Make sure that Default Job Template appears in the Job Templates menu, and then configure options from the print option bars.**

As soon as you change any settings, the Job Templates menu displays Untitled instead of Default Job Template.



2. **Click the Disk button.**
3. **Enter a Job Template name and click OK.**



The name appears in the Job Templates menu.

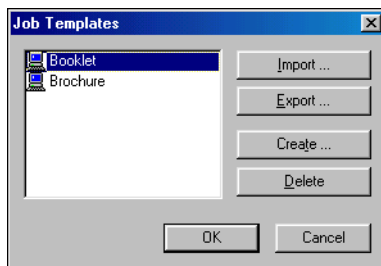
TO LOAD JOB TEMPLATES

1. From the Fiery Printing tab, click the Job Templates menu.
2. Choose the settings you want to use for your template.

The options are automatically configured.

TO DELETE JOB TEMPLATES

1. From the Fiery Printing tab, click the Job Templates button.
2. Choose the templates you want to delete and click Delete.



3. Click Yes to confirm the deletion and click OK.

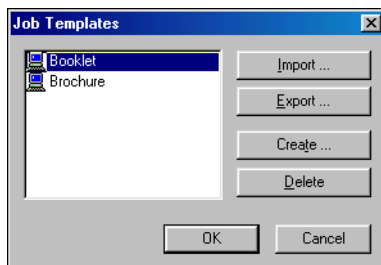
TO MODIFY JOB TEMPLATES

1. From the Fiery Printing tab, click the Job Templates menu.
2. Choose the templates you want to modify.

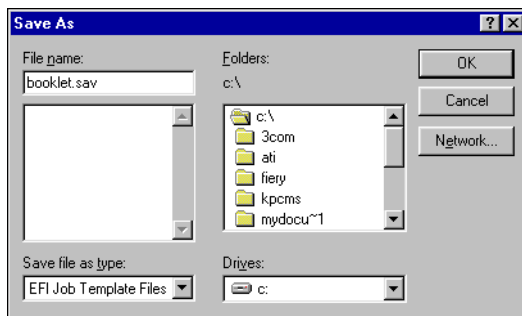
The options are automatically configured with the currently saved settings.
3. Configure your new settings from the print option bars and click the Disk button.
4. Click OK to save the modified template.

To EXPORT SAVED TEMPLATES

1. From the Fiery Printing tab, click the Job Templates button.
2. Choose the Job Templates you want to export and click Export.



3. Browse to the location in which to save the file, enter a file name, and then click OK.

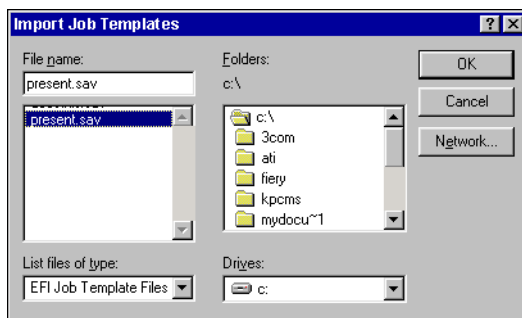


NOTE: The file name must include the .sav extension and can be up to eight characters (not including the extension). The file name does not have to match the Job Template name.

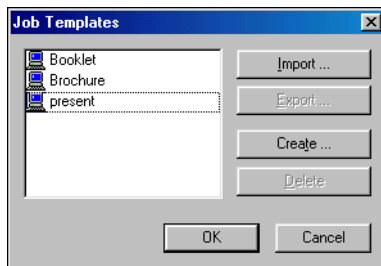
4. Click OK.

TO IMPORT SAVED TEMPLATES

1. From the Fiery Printing tab, click the Job Templates button.
2. Click Import.
3. Browse to the location of the saved template file you want to import.
4. Select the file and click OK.



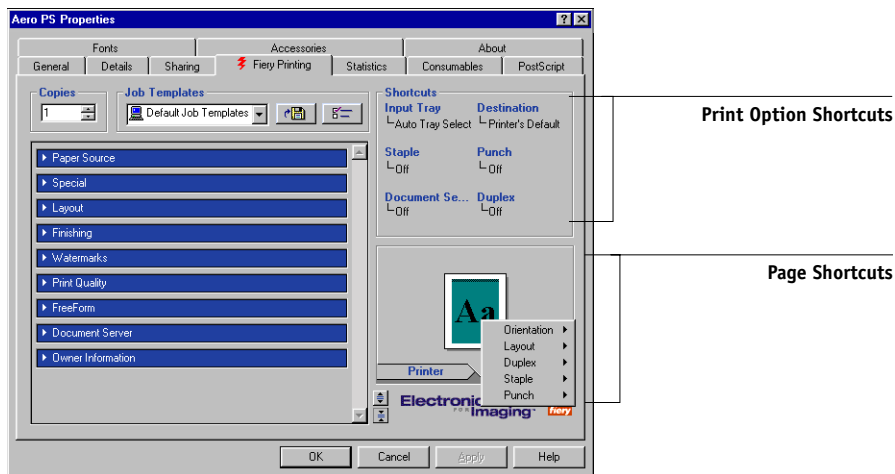
5. Click OK in the Import Job Templates dialog box.



NOTE: When you import job templates, they appear in the Job Templates menu under the Job Template, not the file name. In the preceding examples, the file present.sav (file name) was imported, but it appears in the Job Templates menu as Presentation (Template Name).

Using Shortcuts

The Shortcuts area of the driver interface displays the current settings for some of the most commonly used print options. You can access and change these settings quickly and easily using the Shortcuts. You can also access some page layout and finishing options by right-clicking the image of the page directly below Shortcuts.



TO SET PRINT OPTIONS USING SHORTCUTS

1. From the Fiery Printing tab, position your cursor over the print option you want to set.

The cursor changes into a hand.

2. Click the selected print option and specify the appropriate settings.

Alternatively, right-click the print option and specify the settings directly.

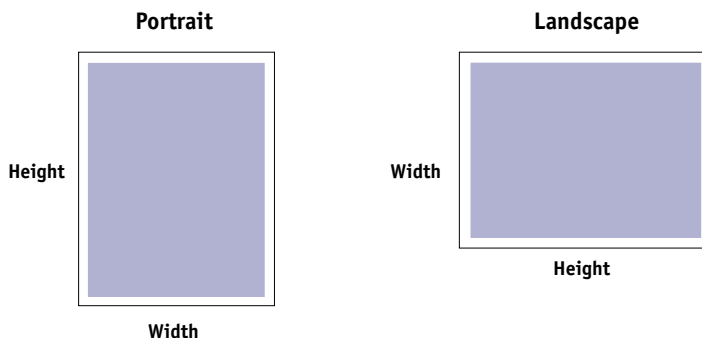
3. Click Apply to make the new settings the default.
4. Click OK.

TO SET PRINT OPTIONS USING THE PAGE SHORTCUTS

1. From the Fiery Printing tab, click the Finishing tab, position your cursor over the page image, and then right-click.
2. Specify the appropriate settings for the print options.
3. Click **Apply** to assign the new settings as the default.
4. Click **OK**.

Defining and printing custom page sizes

With custom page sizes, you can define the dimensions of a printed page. After you define a custom page size, you can use it from within an application without redefining it each time you print. When you create custom page sizes, specify Width dimensions to correspond with the shorter side of your job and specify Height dimensions to correspond with the longer side of your print job. Set custom page sizes this way, regardless of the orientation settings in the application.



NOTE: Custom page sizes are not supported with Imposition jobs.

NOTE: Custom page sizes for Windows NT and Windows 2000/XP cannot be set using the Fiery Printing tab. For more information, see [“Working with custom page sizes in Windows NT 4.0”](#) on page 1-15 and [“Working with custom page sizes in Windows 2000/XP”](#) on page 1-18.

Working with custom page sizes in Windows 9x/Me

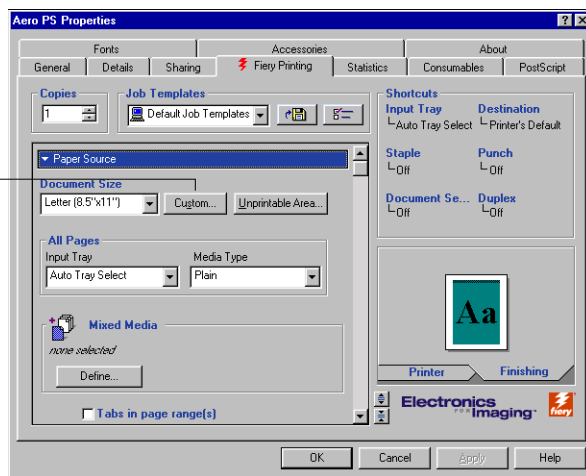
With custom page sizes, you define the dimensions of a printed page. After you define a custom page size, you can use it from within an application without redefining it each time you print.

NOTE: The copier must be set to print custom page sizes.

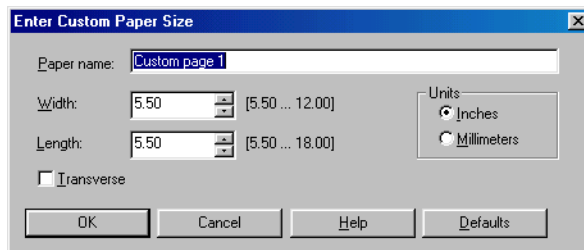
TO DEFINE A CUSTOM PAGE SIZE WITH THE WINDOWS 9X/ME POSTSCRIPT PRINTER DRIVER

1. Click Start, choose Settings, and then choose Printers.
2. Right-click the EB-105EX PS icon and choose Properties.
3. Click the Fiery Printing tab and click the Paper Source print option bar.
4. Click Custom.

Click Custom



The Enter Custom Paper Size dialog box appears.



5. Specify options to define the custom page size.

Width—Enter the width of the print job.

Length—Enter the length of the print job.

Units—Select a unit of measurement for the print job.

Transverse—Select this option to swap Width and Length dimensions to correspond to the paper feed direction of the print job.

Paper name—Enter a name for your custom paper size. The new custom paper name appears in the Page Size menu.

6. Click OK.

7. To define the unprintable area of the custom page, click Unprintable Area, enter the desired information, and then click OK.

8. Click OK again.

**TO EDIT A CUSTOM PAGE SIZE WITH THE WINDOWS 9X/ME
POSTSCRIPT PRINTER DRIVER**

1. Click Start, choose Settings, and then choose Printers.
2. Right-click the EB-105EX PS icon and choose Properties.
3. Click the Fiery Printing tab and then click the Paper Source print option bar.
4. Choose the name of the custom page you want to edit from the Document Size menu.
5. Click Custom.

The Enter Custom Paper Size dialog box appears.

6. Edit the settings, as described on [page 1-13](#), and click OK.

**TO PRINT A CUSTOM PAGE SIZE WITH THE WINDOWS 9X/ME
POSTSCRIPT PRINTER DRIVER**

NOTE: Make sure custom size sheets are loaded into the Tray 2, Tray 3, or Tray 7.

1. Choose Print from your application.
2. Select the EB-105EX PS icon as the printer and click Properties.
3. Click the Fiery Printing tab, and then click the Paper Source print option bar.
4. Select Auto Tray Select, Tray 2, Tray 3, or Tray 7 from the Input Tray menu.
5. Select the custom page size from the Document Size menu.
6. Specify other print settings accordingly.
7. Click OK, and then click OK again to print the job.

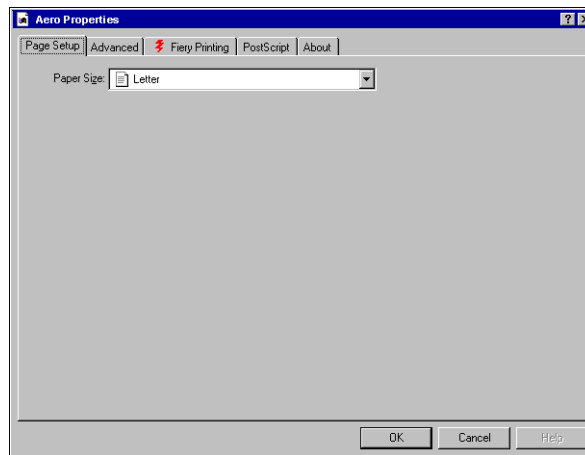
Working with custom page sizes in Windows NT 4.0

With custom page sizes, you define the dimensions of a printed page. After you define a custom page size, you can use it from within an application without redefining it each time you print.

NOTE: The copier must be set to print custom page sizes.

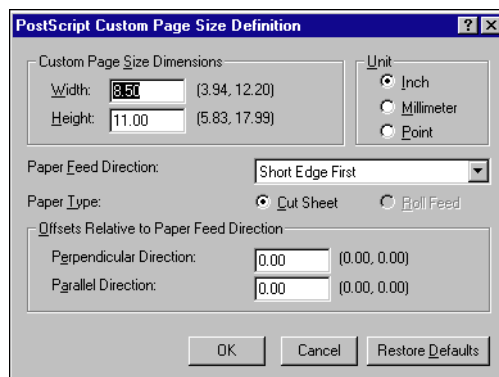
TO DEFINE A CUSTOM PAGE SIZE WITH THE WINDOWS NT 4.0 POSTSCRIPT PRINTER DRIVER

1. Click **Start**, choose **Settings**, and then choose **Printers**.
2. Right-click the **EB-105EX PS** icon and choose **Document Defaults**.
3. Click the **Page Setup** tab.



4. Choose **PostScript Custom Page Size** from the **Paper Size** menu.

The PostScript Custom Page Size Definition dialog box appears.



5. Specify options to define the custom page size.

Custom Page Size Dimensions—Enter the width and height of the print job.

Unit—Select a unit of measurement for the print job.

Paper Feed Direction—Choose the paper feed direction of the print job.

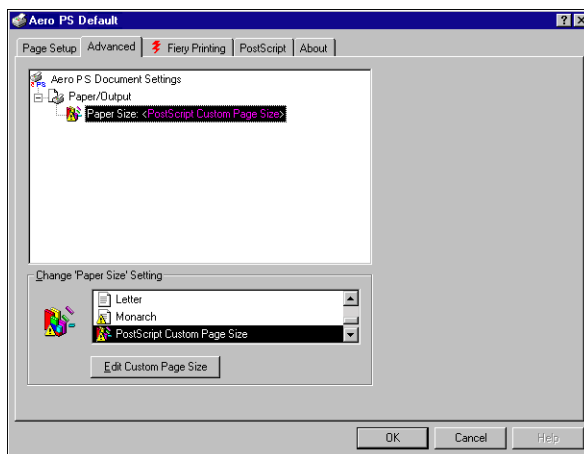
Paper Type—Select the type of paper for the print job.

Offsets Relative to Paper Feed Direction—Enter the offsets (margins) of the print job relative to the paper feed direction.

6. Click **OK**.

**TO EDIT A CUSTOM PAGE SIZE WITH THE WINDOWS NT 4.0
POSTSCRIPT PRINTER DRIVER**

1. Click Start, choose Settings, and then choose Printers.
2. Right-click the EB-105EX PS icon and choose Document Defaults.
3. Click the Advanced tab and select Paper Size from the Paper/Output settings.



4. Choose PostScript Custom Page Size.

The PostScript Custom Page Size Definition dialog box appears. If it does not appear, click Edit Custom Page Size.

5. Edit the settings, as described on [page 1-16](#), and click OK.

**TO PRINT A CUSTOM PAGE SIZE WITH THE WINDOWS NT 4.0
POSTSCRIPT PRINTER DRIVER**

NOTE: Make sure custom size sheets are loaded into the Tray 2, Tray 3, or Tray 7.

1. Choose **Print** from your application.
2. Select the **EB-105EX PS** as the printer and click **Properties**.
3. Click the **Fiery Printing** tab and then click the **Paper Source** print option bar.
4. Select **Auto Tray Select**, **Tray 2**, **Tray 3**, or **Tray 7** from the **Input Tray** menu.
5. Click the **Page Setup** tab and choose **PostScript Custom Page Size** from the **Page Size** menu.
6. Click the **Fiery Printing** tab again, and specify other print settings accordingly.
7. Click **OK** and then click **OK** again to print the job.

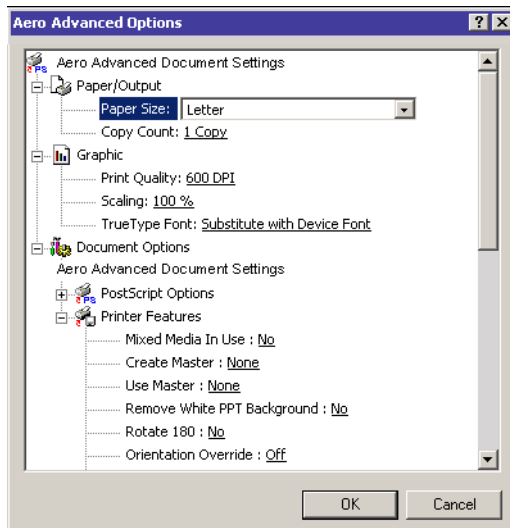
Working with custom page sizes in Windows 2000/XP

With custom page sizes, you define the dimensions of a printed page. After you define a custom page size, you can use it from an application without redefining it each time you print.

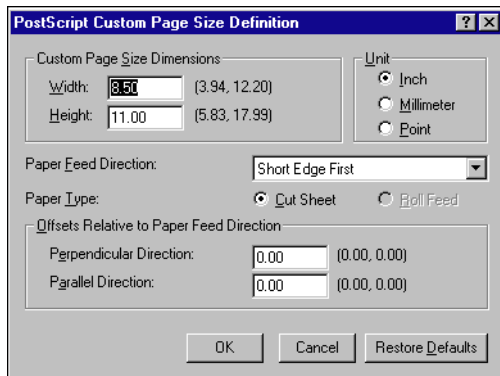
NOTE: Windows 2000 and Windows XP have a similar interface when setting options and printing. The following procedures use Windows 2000 illustrations, with Windows XP differences noted.

**TO DEFINE A CUSTOM PAGE SIZE WITH THE WINDOWS 2000/XP
POSTSCRIPT PRINTER DRIVER**

1. Click **Start**, choose **Settings**, and then choose **Printers (Windows 2000)** or **Printers and Faxes (Windows XP)**.
2. Right-click the **EB-105EX PS** icon and choose **Printing Preferences**.
3. Click the **Paper/Quality** tab.

4. Click Advanced.**5. Choose PostScript Custom Page Size from the Paper Size menu.**

The PostScript Custom Page Size Definition dialog box appears.



6. **Specify options to define the custom page size.**

Custom Page Size Dimensions—Enter the width and height of the print job.

Unit—Select a unit of measurement for the print job.

Paper Feed Direction—Choose the paper feed direction of the print job.

Paper Type—Select the type of paper for the print job.

Offsets Relative to Paper Feed Direction—Enter the offsets (margins) of the print job relative to the paper feed direction.

7. **Click OK to close the PostScript Custom Page Size Definition dialog box.**

8. **Click OK to close the Advanced Options dialog box.**

9. **Click OK to close the Printing Preferences dialog box.**

You can now specify the custom page size from an application.

**TO EDIT A CUSTOM PAGE SIZE WITH THE WINDOWS 2000/XP
POSTSCRIPT PRINTER DRIVER**

1. **Click Start, choose Settings, and then choose Printers (Windows 2000) or Printers and Faxes (Windows XP).**
2. **Right-click the EB-105EX PS icon and choose Printing Preferences.**
3. **Click the Paper/Quality tab.**
4. **Click Advanced.**
5. **Choose PostScript Custom Page Size from the Paper Size menu.**

The PostScript Custom Page Size Definition dialog box appears. If it does not appear, click Edit Custom Page Size.

6. **Edit the settings, as described on [page 1-20](#), and click OK.**

**TO PRINT A CUSTOM PAGE SIZE WITH THE WINDOWS 2000/XP
POSTSCRIPT PRINTER DRIVER**

NOTE: Make sure custom size sheets are loaded into the Tray 2, Tray 3, or Tray 7.

1. **Choose Print from your application and select Properties.**
2. **Click the Paper/Quality tab.**
3. **Click Advanced.**
4. **Choose PostScript Custom Page Size from the Paper Size menu.**
5. **Verify the custom page size settings and click OK.**
6. **Click OK to close the Advanced Options dialog box.**
7. **Click the Fiery Printing tab and select Auto Tray Select, Tray 2, Tray 3, or Tray 7 from the Input Tray menu.**
8. **Specify other print settings accordingly.**
9. **Click OK to close the Printing Preferences dialog box.**
10. **Click OK.**

Saving files to print at a remote location

If you do not have a EB-105EX onsite and are preparing files to take to a service bureau or other location, print the final files to the File port (as opposed to one of the local ports). You can also print to the File port to create a file to download using Fiery Downloader. For instructions on printing to the File port, see your Windows documentation.

Chapter 2: Printing from Mac OS Computers

You can print to the EB-105EX just as you would print to any other printer from any application. If you are using Mac OS 9 and earlier or Mac OS X (Classic mode), select the EB-105EX as the current printer in the Chooser, and then print the file from within the application. If you are using Mac OS X (Native mode), you can choose the printer and print the file from within the application.

Another way to print from a Mac OS computer is to download PostScript (PS), Encapsulated PostScript (EPS), Tagged Image File Format (TIFF), or Portable Document Format (PDF) files using Fiery Downloader or WebDownloader. For supported file versions, see the *User Software Installation Guide*. For details on using Fiery Downloader or WebDownloader, see [Chapter 4](#).

Printing from applications with Mac OS 9 and earlier or Mac OS X (Classic mode)

Before you can print to the EB-105EX from applications, you must select the EB-105EX in the Chooser. Then, using the Adobe PostScript printer driver and the correct printer description file, you can control many EB-105EX printing features by specifying job settings from print dialog boxes.

Setting options and printing from Mac OS 9 and earlier or Mac OS X (Classic mode) computers

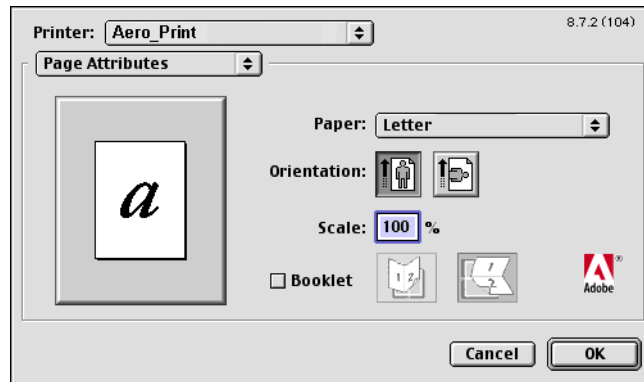
In Mac OS applications, print options are set from both the Page Setup dialog box and the Print dialog box. For details on specific print options, see [Appendix A](#).

NOTE: Some default print options are set by the administrator during Setup. For information on the current server default settings, contact the administrator or operator.

TO SET PRINT OPTIONS AND PRINT WITH THE ADOBEPS PRINTER DRIVER

1. Choose **Page Setup** from the application's **File** menu.
2. Choose **Page Attributes** in the dialog box that appears.

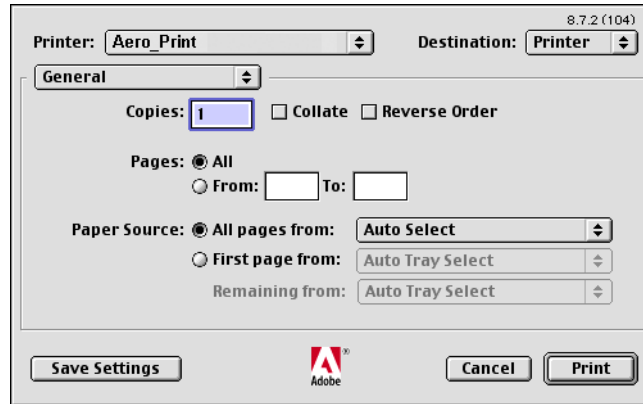
Select the EB-105EX as your printer.



NOTE: Page Setup dialog boxes vary across applications.

3. Select the **Page** settings for your print job.
4. Click **OK**.
5. Choose **Print** from the application's **File** menu.

6. Select the EB-105EX as your printer and specify settings for the print options displayed.



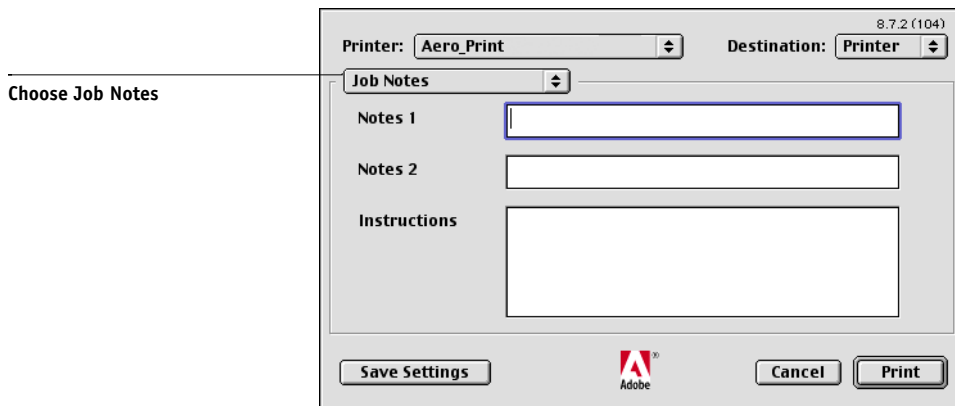
NOTE: Print dialog boxes vary across applications.

From the Paper Source menu, choose the paper tray for the job. For example, you can specify that the job be printed on paper in Tray 1.

The Paper Source selection is valid for the current job only.

NOTE: If paper loaded in the selected tray is a different size, orientation, or media type than that of the job you are sending, the EB-105EX displays an error message and the job fails to print. Load the correct paper into the selected tray or cancel the job.

7. Choose Job Notes.

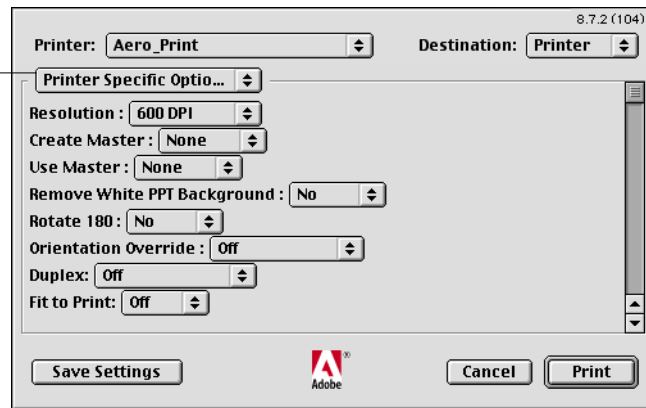


In the Notes 1 and Notes 2 areas, enter user and job identification information for managing purposes, or whatever information is required at your site. These notes will appear in the Job Log. They can also be viewed by the operator in Command WorkStation. These notes *cannot* be edited or erased by the operator.

In the Instructions area, enter instructions to the operator about the job. These instructions can be displayed in Command WorkStation, but do not appear in the Job Log. These instructions *can* be edited by the operator.

8. Choose Printer Specific Options and specify the appropriate settings for your print job.

Choose Printer Specific Options



These print options are specific to the EB-105EX and the copier. To see all the options, you may have to scroll. They override settings in EB-105EX Printer Setup, but can be changed from Command WorkStation, Fiery WebSpooler, or Fiery Spooler.

If you choose Printer's default, the job prints according to the settings specified in EB-105EX Setup.

For more information about these options and overrides, see [Appendix A](#).

Some print options, including Soft Collate, Soft Reverse Order, and Manual Duplex that are selectable from an application or Adobe PS printing, are similar to the print options available from the Printer Specific Options menu. In these cases, specify the print option from the Printer Specific Options menu. The application or Adobe PS printer driver may not set up the file properly for printing on the EB-105EX, which may cause an unexpected printing error and take longer to process.

NOTE: If you specify incompatible print settings, a dialog box might appear. Follow the on-screen instructions to solve the conflict.

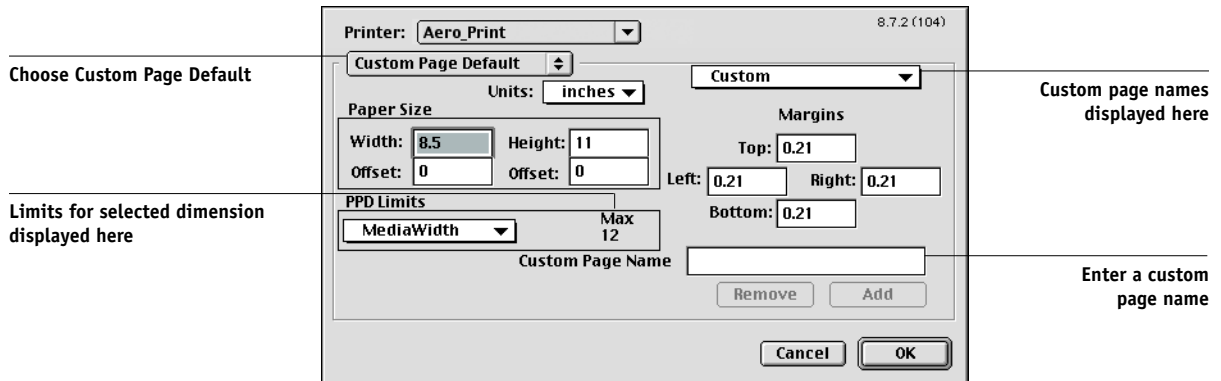
9. To make the new settings the default settings, click **Save Settings**.
10. Click **Print**.

Defining custom page sizes

With custom page sizes, you can define page dimensions and margins. After you define a custom page size, you can use it from within an application without redefining it each time you print.

TO DEFINE A CUSTOM PAGE SIZE

1. Choose **Page Setup** from the application's **File** menu.
2. For **Paper**, choose **Custom**.
3. Choose **Custom Page Default**.
4. Enter the page dimensions and margins.



5. To view the minimum and maximum sizes, click the **PPD Limits** menu.

If you enter invalid sizes, an error message appears. Click **Cancel** and enter sizes specified within the PPD Limits.

6. **To save this custom page size, enter a name and click Add.**

Saved custom page sizes appear in the menu of page sizes in the upper-right corner of the dialog box. To remove a saved custom page size, choose it from the menu and click Remove.

7. **Click OK.**

TO EDIT A SAVED CUSTOM PAGE SIZE

1. **Choose Page Setup from the application's File menu.**
2. **Choose Custom Page Default.**
3. **Select the Custom Page Size name.**
4. **Edit the page dimensions and margins.**
5. **Click Add.**
6. **Replace the existing Custom Page name and click OK.**

TO PRINT A CUSTOM PAGE SIZE

NOTE: Make sure custom size sheets are loaded into the Tray 2, Tray 3, or Tray 7.

1. **Choose Page Setup from the application's File menu.**
2. **Choose Custom or the Custom Page Size name from the Paper menu.**
3. **Click OK.**
4. **Choose Print from your application's File menu.**
5. **Select Auto Tray Select, Tray 2, Tray 3, or Tray 7 from the Paper Source menu in the General settings, and specify the printing options.**
6. **Click Print.**

Printing from applications with Mac OS X (Native mode)

Once you install the EB-105EX printer description files using the PPD Installer, you can print directly from most Mac OS X applications. For more information about installing printer description files with the PPD Installer see, the [User Software Installation Guide](#).

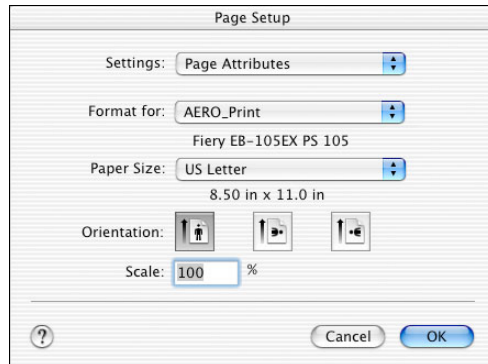
Setting options and printing from Mac OS X (Native mode)

In Mac OS X applications, you can set print options from both the Page Setup dialog box and the Print dialog box. For details on specific print options, see [Appendix A](#).

NOTE: Some default print options are set by the administrator during Setup. For information on the current server default settings, contact the administrator or operator.

TO PRINT OPTIONS AND PRINT WITH THE ADOBEPS PRINTER DRIVER

1. Open a file and choose **Page Setup** from the application's File menu.
2. In the dialog box that appears, choose **Page Attributes for Settings** and the **EB-105EX for Format** for as your printer.



3. Select the Page settings for your print job.
4. Click OK.
5. Choose Print from the application's File menu.
6. Select the EB-105EX as your printer and choose an option category from the pop-up menu.

You can change the print option settings for each category.

Choose a print option category

The screenshot shows a print dialog box with the following settings: Printer: AERO_Print, Presets: Standard, and the 'Copies & Pages' category selected. Under 'Copies', the value is 1 and 'Collated' is checked. Under 'Pages', 'All' is selected. At the bottom are buttons for '?', Preview, Save As PDF..., Cancel, and Print.

7. Choose Printer Features and specify the appropriate settings for your job.

Choose Printer Features

The screenshot shows a print dialog box titled 'Print' with the following settings: Printer: AERO_Print, Presets: Standard, and the 'Printer Features' category selected. Under 'Feature Sets', 'Finishing 1' is selected. The 'Duplex' setting is 'Off', 'Destination' is 'Printer's Default', 'Staple' is 'Off', 'Punch' is 'Off', and 'Punch Holes' is 'Printer's Default'. At the bottom are buttons for '?', Preview, Save As PDF..., Cancel, and Print.

Choose a specific
Feature Set

These print options are specific to the EB-105EX and the copier. You must choose a specific Feature Set to see all the options. They override settings in EB-105EX Printer Setup, but can be changed from Command WorkStation, Fiery WebSpooler, or Fiery Spooler.

If you choose Printer's Default, the job prints according to the settings specified in Setup.

For more information about these options and overrides, see [Appendix A](#).

Some print options, including Soft Collate, Soft Reverse Order, and Manual Duplex that are selectable from an application or Adobe PS printing, are similar to the print options available from the Printer Features menu. In these cases, specify the print option from the Printer Features menu. The application or Adobe PS printer driver may not set up the file properly for printing on the EB-105EX, which may cause an unexpected printing error and take longer to process.

NOTE: If you select an invalid setting or combination of settings when printing a document, no error message will appear. For example, you may be able to select duplex printing on transparency media. Invalid settings and combinations will be ignored by the EB-105EX.

NOTE: Note 1, Note 2, or Instructions cannot be entered with Mac OS X (Native mode).

8. Click Print.

Chapter 3: Printing from UNIX Workstations

You can print to the EB-105EX directly from UNIX workstations. Jobs printed to the EB-105EX are sent to the Print or Hold queues and can be manipulated from Command WorkStation, or from Windows and Mac OS computers on the network using Fiery WebSpooler or Fiery Spooler.

NOTE: If you print to the Hold queue, an operator must intervene from Command WorkStation, Fiery Spooler, or Fiery WebSpooler for the job to print. Jobs sent to the Hold queue are spooled to disk and held.

For more information on using Command WorkStation, Fiery Spooler, or Fiery WebSpooler, see the *Job Management Guide*.

The queue name and EB-105EX printer name are determined by your system administrator. For the names of your queues, contact your system administrator.

For information about setting up printing from TCP/IP, see your UNIX system documentation.

Printing to the EB-105EX

You can use UNIX commands to print PostScript, TIFF, and PDF files to the EB-105EX. In general, use basic print commands (`lpr`, `lpq`, `lprm`) to send print jobs to the EB-105EX. For information about UNIX commands, see the UNIX manual pages or other documentation.

TO PRINT FROM UNIX

- **On a system running a BSD-based variant, use the `lpr` command to send a job to the EB-105EX, as follows:**

```
lpr <-Pprinter> <#copies> <filename>
```

For example, if the Print queue of your EB-105EX is named `print_Server`, your file is named `Sample`, and you want to print two copies, type:

```
lpr -Pprint_Server -#2 Sample
```

- **On a system running Solaris 9 or any System V implementation of UNIX, use the `lp` command to send a job to the EB-105EX, as follows:**

```
lp -d <printername> -n <copies> <filename>
```

For example, if the Print queue of your EB-105EX is named `print_Server`, your file is named `Sample`, and you want to print two copies, type:

```
lp -d print_Server -n 2 Sample
```

TO DISPLAY A LIST OF JOBS IN THE QUEUE

- **On a system running a BSD-based variant, use the `lpq` command to see printer jobs in the queue, as follows:**

```
lpq <-Pprinter>
```

For example, if the Print queue of your EB-105EX is named `print_Server`, type:

```
lpq -Pprint_Server
```

Your workstation displays the contents of the queue.

- **On a system running Solaris 9 or any System V implementation of UNIX, use the `lpstat` command to see printer jobs in the queue, as follows:**

```
lpstat -o <printername>
```

For example, if the Print queue of your EB-105EX is named `print_Server`, type:

```
lpstat -o print_Server
```

Your workstation displays the contents of the queue.

TO REMOVE JOBS FROM THE QUEUE

NOTE: Unless you log in as the root user, you can remove only your own jobs.

- **On a system running a BSD-based variant, use the `lprm` command to remove jobs from the queue, as follows:**

```
lprm <-Pprinter> <job #...>
```

You can use the `lpq` command to check the job number.

For example, to remove job number 123 from the Print queue of your EB-105EX named `print_Server`, type:

```
lprm -Pprint_Server 123
```

The `lprm` command reports the names of any files it removes.

- **On a system running Solaris 9 or any System V implementation of UNIX, use the `cancel` command to remove jobs from the queue.**

```
cancel <printername> <job ID>
```

For example, to remove job number 123 from the Print queue of your EB-105EX named `print_Server`, type:

```
cancel print_Server 123
```


Chapter 4: Downloading Files and Fonts

Fiery Downloader and WebDownloader allow you to send PostScript (PS), Encapsulated PostScript (EPS), Tagged Image File Format (TIFF), and Portable Document Format (PDF) files directly to the EB-105EX without using the application in which the files were created. These utilities also allow you to manage printer fonts on the EB-105EX.

You can use Fiery Downloader or WebDownloader from a remote workstation. Fiery Downloader and Fiery WebDownloader require a network connection. For information on installing and configuring Fiery Downloader and WebDownloader on supported networking protocols, see the *User Software Installation Guide*.

NOTE: The Windows and Mac OS version of Fiery Downloader and WebDownloader are fundamentally the same. Differences are noted in this chapter. Where both windows or dialog boxes are illustrated, the Windows version comes first, followed by the Mac OS version.

You can also download files and fonts by using the Import feature in Command WorkStation. For more information, see the *Job Management Guide*.

Using Fiery Downloader or WebDownloader

You can use Fiery Downloader or Fiery WebDownloader to do the following:

- Check the status of the EB-105EX.

NOTE: This function is not available using WebDownloader, but is available through the Status WebTool.

- Print PostScript, EPS, TIFF, and PDF files to the EB-105EX.
- Manage the printer fonts stored on the EB-105EX hard disk

This feature requires that the Direct connection be published on the EB-105EX.

NOTE: Fiery Downloader and WebDownloader are designed specifically for the EB-105EX. You cannot use them with any other printer.

TO VIEW INFORMATION WITH FIERY DOWNLOADER

1. Double-click the Fieri Downloader icon or choose Fieri Downloader from the Start > Programs menu.
2. Select the EB-105EX in the Chooser window and click OK (Windows) or Connect (Mac OS).

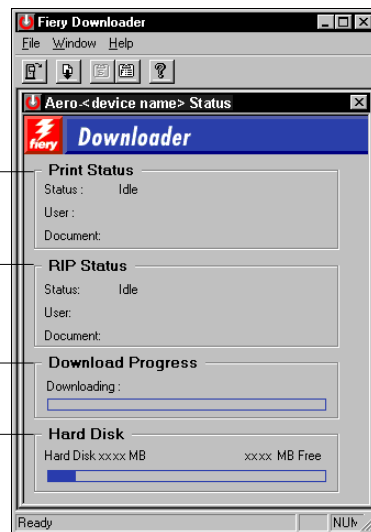
The Fieri Downloader Status window appears, displaying the Fieri Downloader toolbar, menus, and status bar.

Displays server status and user and document name of the job currently printing

Displays server status and user and document name of the job currently processing

Dynamically displays the progress of the job

Displays the amount of available disk space



Buttons for some menu functions appear in the toolbar at the top of the window.



Open

Click to connect to a different EB-105EX.



Download

Click to download a file or font to the EB-105EX.



Status

If you are viewing the Font List, click to display the status window for the current EB-105EX.



Font List

If you are viewing the status window, click to display a list of printer fonts on the EB-105EX hard disk.



About Fiery
Downloader
(Windows only)

Click to view version information about
Fiery Downloader.

3. **To view font information in the window, choose Font List from the File menu, or click the Font List button.**
4. **To select a different EB-105EX, choose Open from the File menu or click the Open button.**
5. **Select the EB-105EX in the dialog box that appears and click OK (Windows) or Connect (Mac OS).**
6. **To close the Fiery Downloader dialog box, choose Close from the File menu. To quit Fiery Downloader, choose Exit (Windows) or Quit (Mac OS) from the File menu.**

Downloading files or printer fonts

You can download a variety of file types, as well as fonts, to the EB-105EX. You can also specify a limited number of print option settings for the files you download.

TO DOWNLOAD A FILE OR FONT WITH FIERY DOWNLOADER

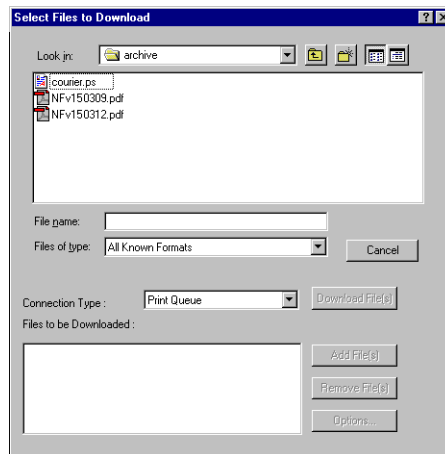
- 1. Use your application to generate a file.**

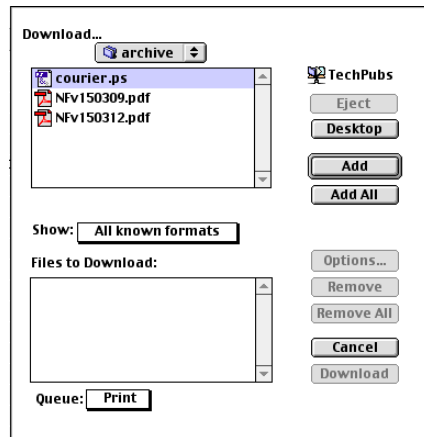
You can save a PostScript or PDF file by selecting the appropriate option in the application's Print dialog box. With some applications, you can also save EPS and TIFF files.

If you experience problems printing EPS files with Fiery Downloader, print the file directly from the application in which you created it.

- 2. Start Fiery Downloader.**

- 3. Choose Download from the File menu or click the Download button.**





4. Choose the file type to display from the Files of type (Windows) or Show (Mac OS) menu.

All Known Formats lists all files in formats supported by Fiery Downloader.

You can download files and fonts in the same batch. If the fonts are used by files in the same batch, the fonts download first.

5. Choose the Connection Type (Windows) or Queue (Mac OS) to which you will download the files.

The options available depend on the setup at your site. The potential selections are Print Queue (Windows) or Print (Mac OS), Hold Queue (Windows) or Hold (Mac OS), and Direct Connection (Windows) or Direct (Mac OS). If your administrator has not enabled one or more of these connections, you cannot select it.

You cannot print PDF or TIFF files with the Direct connection. If you choose the Direct connection, the job is spooled to the Print queue and then printed. If the Print queue is not enabled, the job is spooled to the Hold queue and must be released for printing by the operator.

NOTE: To download fonts, you must use the Direct connection (make sure the Direct connection is published on the EB-105EX). If you do not have access to the Direct connection, you must embed any special fonts used by the file in the file when you generate it.

6. Select the file name and click Add File(s) (Windows) or Add (Mac OS).

The File name field (Windows) displays the name of the selected file before you click Add.

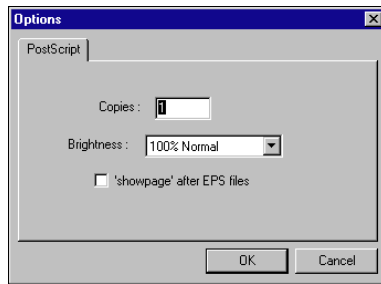
You can navigate to different drives and directories to select files to download. Click Add All (Mac OS) to add all files in a folder.

To select multiple sequential files (Windows), select the first file and then Shift-click the last file. Control-click to select multiple non-sequential files.

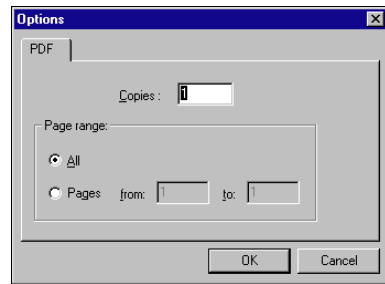
If you change your mind about a file, select the file name in the Files to Download list and click Remove File(s) (Windows) or Remove (Mac OS).

Click Remove All (Mac OS) to remove all files from the Files to Download list.

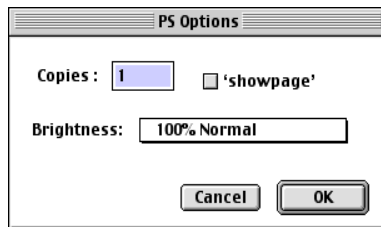
7. To change the attributes of a file to be downloaded, select it and click Options.



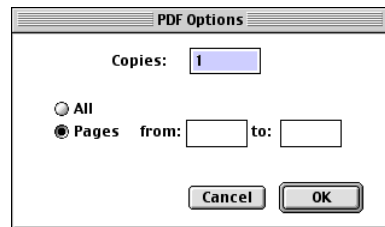
PostScript Options dialog box (Windows)



PDF Options dialog box (Windows)



PostScript Options dialog box (Mac OS)



PDF Options dialog box (Mac OS)

8. Specify the following information in the dialog box and click OK.

The options you set apply only to the selected file. You can set different options, or leave the default settings, for each file.

Copies—Enter the number of copies.

Brightness (PostScript and EPS files only)—Change the Brightness setting if a file appears to be too dark or too light. Choose 85% for a substantially lighter image, 115% for a substantially darker image, or one of the options in between.

NOTE: Some applications, including Adobe Photoshop, provide transfer functions that allow you to specify density settings for an image. If the file you are printing includes transfer functions, the Fiery Downloader Brightness option has no effect. For more information on using transfer functions, see the documentation for your application.

‘showpage’ after EPS files (Windows) or **‘showpage’** (Mac OS) (PostScript and EPS files only)—In most cases, it is not necessary to use this option. Select the ‘showpage’ option only if an EPS file fails to print without it. This option adds a ‘showpage’ PostScript language command at the end of the print job. Some applications omit this necessary PostScript language command when they generate EPS files. Select this option when printing EPS files generated by these applications. If you select this option unnecessarily, extra blank pages may print.

If you experience problems printing EPS files with Fiery Downloader, you can print the file directly from the application in which you created it.

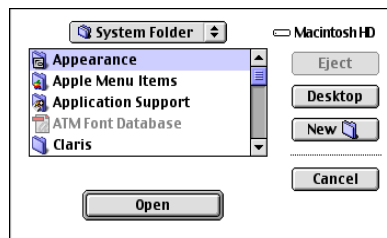
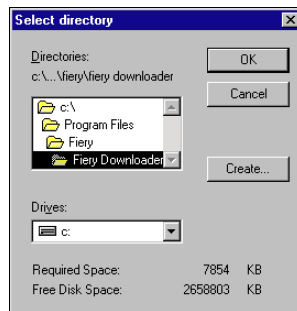
Page range (PDF files only)—Specify the page range you want to print.

9. Click Download File(s) (Windows) or Download (Mac OS).

10. To cancel downloading, press Escape (Windows) or Command- (Mac OS) on your keyboard.

TO CREATE A FONT BACKUP

1. **Start Fiery Downloader.**
2. **Choose Back up fonts from the File menu.**
3. **Browse to the location in which to save the fonts.**



You can create a new directory by clicking Create (Windows) or New Folder (Mac).

4. **Click OK.**

The font backup file is saved.

TO RESTORE FONTS

1. **Start Fiery Downloader.**
2. **Choose Restore fonts from the File menu.**
3. **Open the font backup file from the saved location, and click OK (Windows) or Select this folder (Mac),**

This replaces all the user fonts on the EB-105EX.

TO DOWNLOAD FILES OR FONTS USING WEBDOWNLOADER**1. Create a PostScript, EPS, TIFF, or PDF file.**

Specify the appropriate print options, and include (embed) any necessary fonts that are not resident on the EB-105EX. For a list of fonts resident on the EB-105EX, see [Appendix B](#).

2. Start Fiery WebTools and click WebDownloader. For more information on accessing Fiery WebTools, see [page 7-1](#).**3. Select the print connection and the file you want to download.****4. Click Download.****Managing printer fonts**

The EB-105EX includes 136 PostScript fonts; for a complete list, see [Appendix B](#). In addition, two Adobe Multiple Master fonts are included and used for font substitution in PDF files.

Before downloading a file that uses fonts not resident on the EB-105EX, you must download the fonts (unless the fonts are embedded in the file). To see what fonts are resident on the EB-105EX, choose Font List from the File menu or click the Font List button (see [page 4-11](#)).

You can download fonts only via the Direct connection. If you do not have access to the Direct connection, you must embed any special fonts used by the file when you generate it.

The screen fonts that correspond to the printer fonts installed on the EB-105EX are not automatically installed on your Windows system.

NOTE: Fiery Downloader cannot download TrueType fonts. If you use TrueType fonts in Windows, convert them to Adobe Type 1 before printing. To convert to Adobe Type 1 fonts for Windows 9x/Me, click the Fonts tab in the Adobe PS printer driver and setup the Font Substitution Table. For Windows NT 4.0/2000/XP, click the PostScript tab of the EB-105EX Document Defaults dialog box and select TrueType Font Setting > Download as Softfont.

Printer fonts and Mac OS screen fonts

Like all PostScript fonts, the fonts included with the EB-105EX come in two forms: printer fonts and screen fonts. Install the screen fonts included with the EB-105EX user software on your Mac OS computer. If you are using these fonts in documents you print on a LaserWriter, they are probably already installed. If not, you must install them. For more information, see the *User Software Installation Guide*.

Occasionally, you may want to use Adobe Type 1 (Windows) or PostScript (Mac OS) fonts that are not included with the EB-105EX. If so, you must install both the screen fonts and the printer fonts on your computer. To do this, follow the instructions from the font manufacturer.

Downloading printer fonts to the EB-105EX

In general, each time you print from within a Mac OS application, the application automatically downloads any fonts used in your document that are not already installed on the EB-105EX, as long as the printer fonts are installed in your System Folder. These fonts remain in the EB-105EX only until your document has printed. If you print the same document again, your application must download the fonts again.

If you regularly use one or more fonts from Windows or Mac OS applications that are not already installed in the EB-105EX, you can download them to the EB-105EX hard disk with Fiery Downloader. Fonts you download to the EB-105EX hard disk remain installed until you remove them using Fiery Downloader, no matter how many times the EB-105EX is turned off and on. Consider downloading fonts you use on a regular basis to the EB-105EX hard disk.

Before you download PostScript, TIFF, or EPS files with Fiery Downloader, make sure all fonts included in your file are installed on the EB-105EX or embedded in your file; otherwise, the text in these fonts will not print correctly or may not print at all. For PDF files, font substitution occurs automatically for fonts not installed on the EB-105EX. Two multiple master fonts (a serif font and a sans serif font) stored on the EB-105EX are used exclusively for substitution with PDF files.

TO VIEW FONT INFORMATION, UPDATE, PRINT, AND DELETE FONTS

- **Choose Font List from the File menu or click the Font List button.**

NOTE: If the Direct connection is not published, you cannot view the Font List or perform any of the tasks described in this procedure. For information on how to publish the Direct connection, see the *Configuration Guide* or consult your administrator.

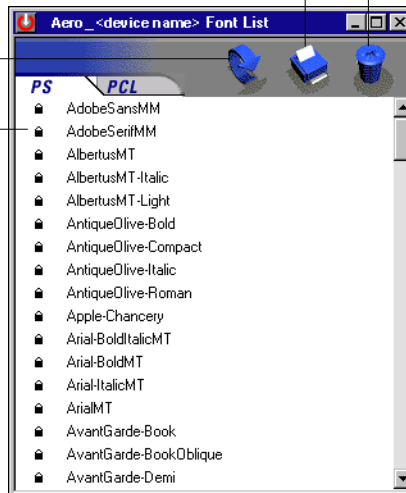
The Font List dialog box includes Update, Print, and Delete buttons. The printer fonts included with the EB-105EX (resident fonts) are locked. Locked fonts appear with a Lock icon next to the name and cannot be deleted.

Click to print the Font List to the Print queue

Select a font and click here to delete it

Click to update the information
in the Font List

Lock icon



Chapter 5: Printing Variable Data Documents

This chapter describes the variable data printing features supported by the EB-105EX, including:

- Background information about variable data printing
- Printing variable data documents using FreeForm™ and EFI FreeForm 2

About variable data printing

Variable data printing is typically used for direct-mail advertising or other targeted mailings. It involves combining a set of master elements that are common across copies of a document with a set of variable elements that change from copy to copy. An example is a brochure that greets customers by name and may include other personal information about the customer obtained from a marketing database. Background elements, illustrations, and text blocks that do not change across copies of the brochure comprise the master elements. The customer's name and other customer-specific information comprise the variable elements.

The FreeForm feature allows you to use print options to define and store master-element documents—called FreeForm masters—on the EB-105EX. You can send a variable-element job to the EB-105EX with instructions to combine the job with a particular FreeForm master.

For more information, see [Appendix A](#).

Printing variable data documents with FreeForm

In FreeForm variable data printing, you can use print options to define master documents and assign them to variable data jobs sent to the EB-105EX.

How FreeForm works

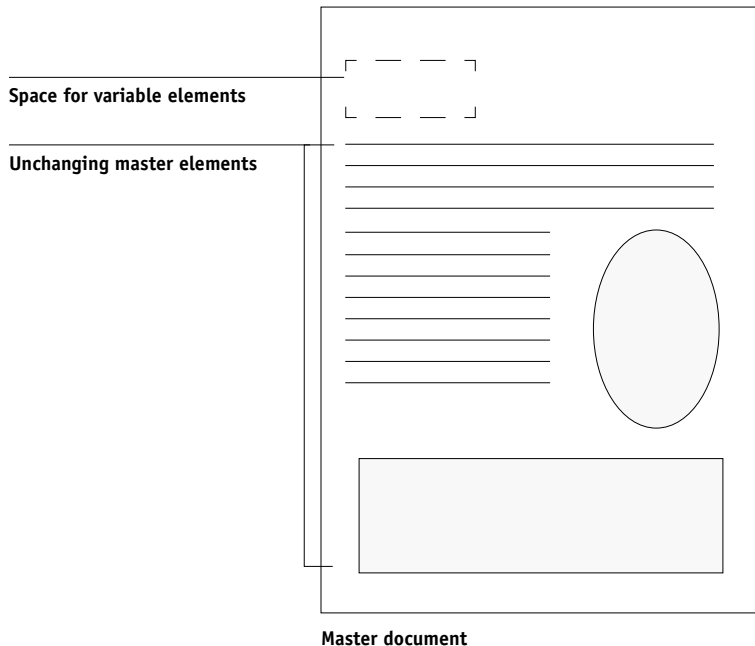
The basic premise of FreeForm variable data printing is that the master-element data for the job can be sent to the EB-105EX and rasterized separately from the variable-element data. The master-element data is stored on the EB-105EX in rasterized form as a FreeForm master, and can be used as often as needed with multiple sets of variable-element data. Because the FreeForm master job is preRIPped and stored on the EB-105EX, the only RIP time required for variable data print jobs is the time needed to RIP the variable-element data. You can use FreeForm masters for any fixed-element data you might combine with different data from day to day. For example, a letterhead template can be stored as a FreeForm master and used repeatedly as the background for different letter content (the variable-element data).

FreeForm allows you to create the master and variable documents using any application. You can create the two documents using different applications or computer platforms. To create the masters document, you can use a page layout or graphics application. To create the variable document, you can use a word processing application that has a mail merge feature, a page layout application that supports scripting, or a database application.

FreeForm functions are controlled with two print options: Create Master and Use Master. You can set these options in the printer driver when you send a job, or instruct the operator to set them with job overrides from Command WorkStation, Fiery Spooler, or Fiery WebSpooler. You can also use Command WorkStation to monitor and manage all the FreeForm masters stored on the EB-105EX. For more information, see the *Job Management Guide*.

Creating the master document

Before you can use FreeForm, you must create a master document and a variable document. This includes creating the layout for the combined document, as well as the elements themselves. In a page layout or graphics program, you arrange the master elements (text and graphics that do not change) on one or more pages, leaving space for the variable elements.



When you have finalized the design of the master document, print it to the EB-105EX and specify that a FreeForm master be created from the job (see [page 5-8](#)).

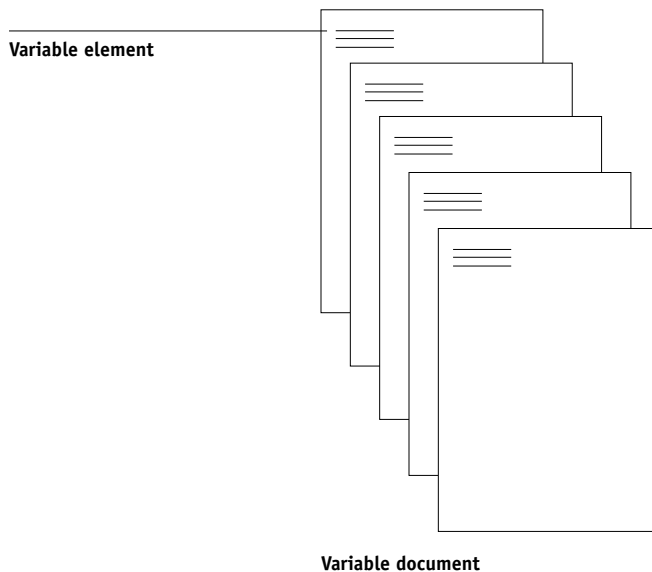
NOTE: Although the EB-105EX can store up to 100 FreeForm masters, the printer driver interface, Fiery WebSpooler, and Fiery Spooler allow you to select numbers 1 through 15 only. To create a FreeForm master with a number greater than 15, the operator must set the Create Master and Use Master options and RIP the job from Command WorkStation.

Creating the variable document

You can create the variable document with a word processing application that provides a mail merge function, a database application, or a page layout application that supports scripting. In all cases, information is taken from a list or database and merged into an existing document that is set up to accept the information. Each application has different controls for this function. For detailed instructions, see the specific application documentation.

Before the variable elements can be added to the master document, they must be formatted to conform to the layout of the master document. To do this, you create a document with the correct formatting, and then add the variable information in the appropriate places.

For efficient variable data printing, create a variable document that has significantly more pages than its corresponding FreeForm master.

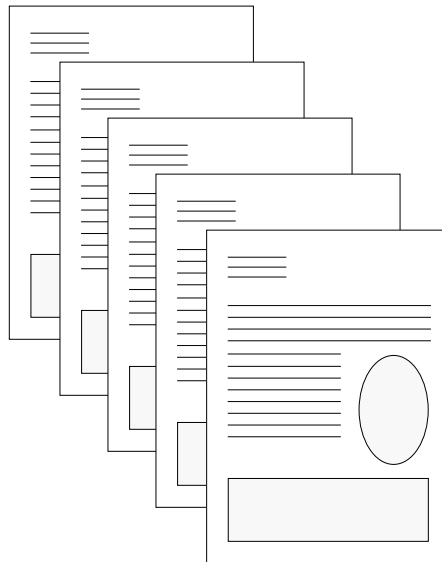


When you have created a variable document, print it to the EB-105EX and specify that it be combined with the corresponding FreeForm master (see [page 5-9](#)).

Combining the FreeForm master with the variable document

When you print a variable document to the EB-105EX, you specify the FreeForm master created from your master document with the Use Master print option. The EB-105EX combines the raster data of the variable document with the already RIPped FreeForm master, creating a new raster data file. The merged raster file can be soft-proofed (before it is printed) in the thumbnail windows of Command WorkStation, Fiery Spooler, or Fiery WebSpooler.

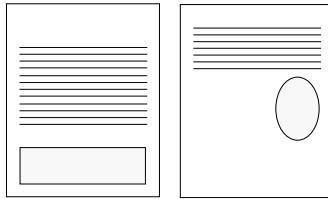
For more information about soft-proofing and thumbnail windows of Command WorkStation, see the *Job Management Guide*.



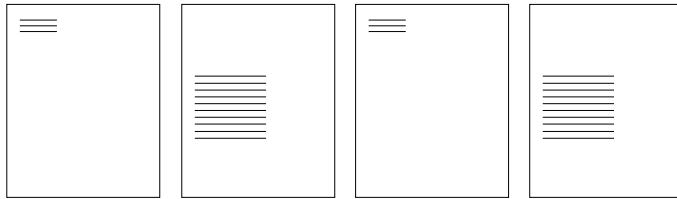
Combined document

A master document can include more than one page. When you print a variable document and specify a FreeForm master that contains multiple pages, the variable pages are combined with the master pages in a cyclical fashion. The following example illustrates how a variable document combines with a two-page master document.

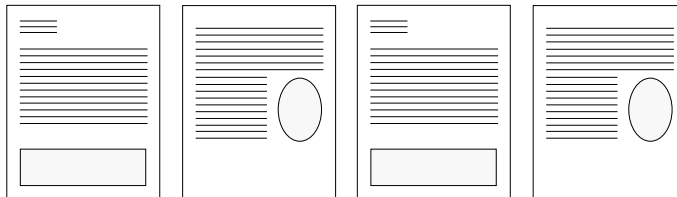
Pages 1 and 2 of the variable document are combined with Pages 1 and 2, respectively, of the master document. The cycle of master pages then starts over, and Pages 3 and 4 of the variable document are combined respectively with Pages 1 and 2, again, of the master document. This pattern continues for each subsequent set of pages in the variable document.



Multiple-page master document



Variable document



Combined document

Using FreeForm

This section provides some suggestions to help you print variable data jobs correctly.

- Consult your administrator or operator on how FreeForm master numbers are assigned at your site.

If FreeForm printing is used by a large number of users at your site, FreeForm master numbers, or ranges of numbers, can be assigned to specific users or groups. Users can select only numbers 1 through 15 as print option settings. The operator can override FreeForm master numbers and reassign them to numbers greater than 15 from Command WorkStation. You may want the operator to assign all FreeForm master numbers to avoid potential conflicts in the use of FreeForm master numbers.

- Use the Job Notes and Instructions fields to communicate instructions about your job to the operator.

If you want to create or use a FreeForm master number greater than 15, these fields can be used to tell the operator to override the appropriate job setting (Create Master or Use Master) and RIP the job from Command WorkStation.

- Give your jobs unique and descriptive names.

Both you and the operator must be able to easily identify your jobs if there are many jobs in the queues, the FreeForm master numbers are reassigned, or you want to refer to another job in the Job Notes or Instructions fields.

- For restrictions on print option settings when using FreeForm, see [Appendix A](#).

The following settings for the master document and variable document must match:

Document Size

Duplex

Orientation

Punch

Staple

The following settings for the variable document might override the corresponding settings in the master document:

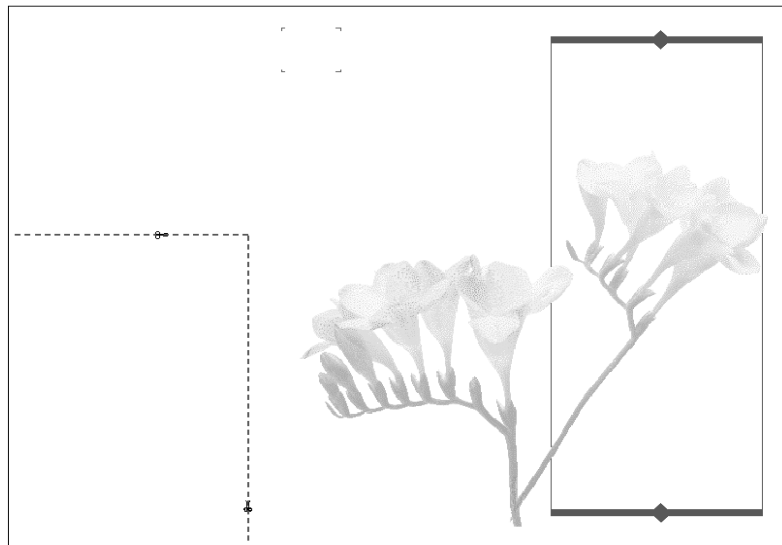
- Input Tray
- Media Type
- Punch
- Staple
- Use Slip Sheet

NOTE: The Duplex print option, Open to Top, has no effect when printing using FreeForm.

TO PRINT VARIABLE DATA DOCUMENTS

1. Create a master document.

The following example shows one page of a master document for a tri-fold brochure that was created with a page layout application.



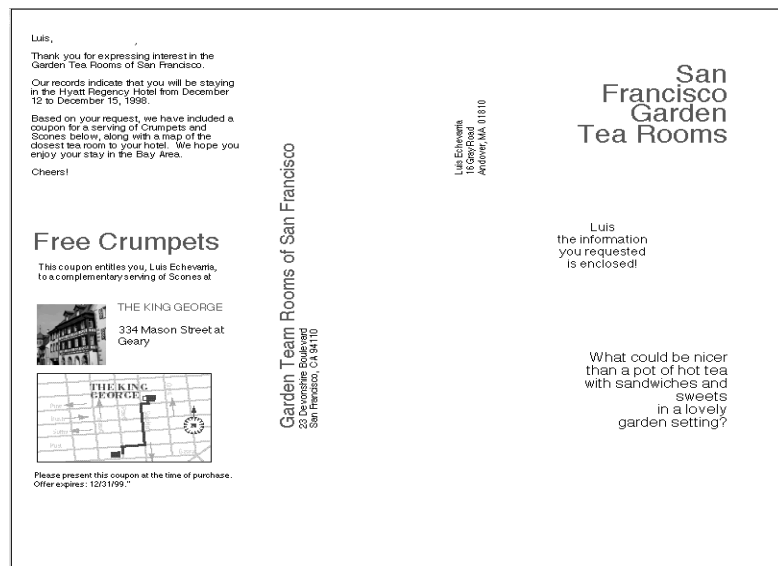
2. Print the master document to the EB-105EX with the Create Master print option set to one of the FreeForm Master numbers (1 through 15).

Or, set the Create Master option to None and instruct the operator to use overrides to create a FreeForm master from this job.

3. Create the variable document.

You can create the variable document using a different file, a different application, or a different computer platform than was used to create the master document, but some print options must be the same (for details see [page 5-7](#)).

The following example shows one page of the variable document for the tri-fold brochure. The data in this document can be as simple as a name and address, or as complex as multiple graphics and photographic elements.



4. Print the variable document to the EB-105EX with the Use Master print option set to the appropriate FreeForm master number.

The FreeForm master number may be one you set when you sent the master document, or one that was assigned by the operator.

FreeForm master numbers can be overridden from Command WorkStation, Fiery Spooler, or Fiery WebSpooler. Check with the operator to make sure that the FreeForm master number you specify is the correct one for the FreeForm master you want to use.

If you want to check the job before it prints, instruct the operator to RIP and Hold the job, so you can preview it from Command WorkStation, Fiery Spooler, or Fiery WebSpooler.

The following example shows the FreeForm master and variable document combined. The variable data is overlaid on the master document.

Danielle,

Thank you for expressing interest in the Garden Tea Rooms of San Francisco.

Our records indicate that you will be staying in the Saint Francis Hotel from September 12 to September 16, 2002.

Based on your request, we have included a coupon for a serving of Crumpets and Scones below, along with a map of the closest tea room to your hotel. We hope you enjoy your stay in the Bay Area.

Cheers!

Free Crumpets

This coupon entitles you, Danielle Abrams, to a complimentary serving of Scones at

THE PARK HYATT
333 Battery at Jones Street

THE PARK HYATT
23 Devonshire Boulevard
San Francisco, CA 94110

Please present this coupon at the time of purchase.
Offer expires: 12/31/02

San Francisco Garden Tea Rooms

Danielle Abrams
1455 Divisadero Place
San Francisco, CA 94110

Danielle
the information
you requested
is enclosed!

What could be nicer
than a pot of hot tea
with sandwiches and
sweets
in a lovely
garden setting?

Garden Tea Rooms of San Francisco
23 Devonshire Boulevard
San Francisco, CA 94110

Printing variable data documents with FreeForm 2

Freeform 2 extends the functionality of variable data documents using a third-party application that supports FreeForm 2, such as PrintShop Mail, which allows you to create and print variable data documents.

To print a variable data job using FreeForm 2, you first open the variable document in the third-party application. The third-party application provides FreeForm 2 features that allow you to assign a specific page of a FreeForm master to each page of the variable document.

Freeform 2 enables you to specify page conditions that determine rules for individual Master pages. These rules, described by “if and then” statements in each Master page, can allow you to skip or print pages within a Master file. For more information on creating page conditions, see the documentation that came with the third-party printing software.

For instructions on creating a variable data job or printing variable data jobs using FreeForm 2 and the third-party variable data printing software, see the documentation that came with the third-party printing software.

FreeForm 2 also provides the option to delete a specified FreeForm master from the EB-105EX hard disk after its corresponding variable job has been successfully RIPped and printed. You can set this feature in a third-party application that supports the clearing of FreeForm masters. For more information on deleting FreeForm masters, see the documentation that came with the third-party printing software.

Chapter 6: Scanning

With Fiery Remote Scan™, you can scan documents or images from the copier glass directly into Photoshop on your computer or through the copier's automatic document feeder (ADF) using the Fiery Remote Scan TWAIN plug-in module or by using the Fiery Remote Scan Application.

With the Fiery Remote Scan TWAIN plug-in module, you can initiate a scan or retrieve and display the scan in a host application, such as Photoshop. With the Fiery Remote Scan Application, you can initiate a scan or retrieve and send the scan to a specific destination. You can also use WebScan™ to retrieve a scan.

The following requirements and constraints apply:

- Fiery Remote Scan cannot be used over the parallel port. It requires a network connection. For information on supported networking protocols, see the *User Software Installation Guide*.
- Fiery Remote Scan must be installed as described in the *User Software Installation Guide*.

Fiery Remote Scan components

Fiery Remote Scan consists of the following software components and features:

- The Fiery Remote Scan TWAIN plug-in module and the Fiery Remote Scan Application allow you to remotely initiate and retrieve a scan from a remote computer on the network to a copier.
- Scan to E-mail
- Scan to Mailbox
- Scan to Disk
- Scan to Hold queue for document merging and editing
- Scan to FTP
- WebScan for mailbox retrieval using Fiery WebTools

Scanning from the copier operation panel

With the scan function, you can scan an image from the copier glass or the document feeder to the EB-105EX, then retrieve the image with WebScan or Fiery Remote Scan. You can then send the scan to a hard disk drive using a mailbox, or FTP site.

NOTE: To send the scan to an FTP server, you must have FTP Service enabled at the EB-105EX Setup. For more information, see the [Configuration Guide](#).

Preparing for scanning from the copier operation panel

Before you initiate a scan, you must specify appropriate scan settings for your scan job. Once specified, the scan settings are saved in the EB-105EX. Unless different settings are required, you do not have to go through the following procedure at every scan.

NOTE: The scan settings return to default when the EB-105EX is rebooted.

TO SPECIFY SCAN SETTINGS

1. **Press Menu/Cancel and then select Scan Job.**
2. **Go to Source.**
3. **Specify the Original Size of your scan job.**

The default for the Original Size option is Auto Select.

4. **Specify the orientation of your scan job.**

The default for the Orientation option is Portrait.

5. **Specify if your scan job is Single or Duplex.**

The default for the Sides option is Single.

6. **Specify if your original has mixed paper sizes.**

The default for the Mixed Original Sizes Mode option is Yes.

7. **Go to Image Options.**

8. Specify the Image Mode of your scan job.

The default for the Image Mode option is Text.

NOTE: If you select Grayscale, the scan job cannot be opened in the Imaging for Windows NT application.

9. Specify the Brightness setting.

The default the Brightness option is 0.

10. Specify the Resolution setting.

The default for the Resolution option is 600.

11. Specify the Binding Direction of your scan job.

The default for the Binding Direction option is Left Side.

Performing a scan

After you select your scan settings, you can scan a document using the copier operation panel. Every time you initiate the scan, you must select where to send the file. You can send the scan job to the Hold queue, a mailbox, an e-mail address, or FTP site.

NOTE: If there is an error on the copier, such as paper jam, resolve it before performing a scan.

TO SCAN A DOCUMENT USING THE COPIER OPERATION PANEL**1. Place a document in the feeder or on the platen glass.**

If Printing or RIPPING appears, the EB-105EX is processing.
Wait until the system reaches Idle.

2. Press Menu/Cancel and then select Scan Job.**3. Go to Destination.**

4. **Select Add Destination, choose one of the following as the scan destination, and then specify the subsequent settings accordingly.**
 - Send to Hold Queue (See [page 6-4](#))
 - Send to Mailbox (See [page 6-5](#))
 - Send to Email (See [page 6-5](#))
 - Send to FTP (See [page 6-6](#))
5. **Select Exit Add Destination.**
6. **Select Exit Destination.**
7. **Go to Start Scan.**
8. **Enter the file name of your scan job and press OK.**

The file name can be up to 19 characters. You can also use an automatically generated file name.
9. **Select Yes to initiate the scan.**

TO SEND A SCAN FILE TO THE HOLD QUEUE

1. **Select Add Destination and then go to Send to Hold Queue.**
2. **Choose Yes if you are sending your scan job to the EB-105EX Hold queue.**

Jobs are sent to the EB-105EX hard disk as held jobs. For more information on retrieving jobs sent to the Hold queue, see the *[Job Management Guide](#)*.

TO SEND A SCAN FILE TO THE MAILBOX

1. Select Add Destination and then go to Send to Mailbox.
2. Enter the mailbox number (0-9999) or mailbox name and press OK.

TO SEND A SCAN FILE TO AN E-MAIL ADDRESS

1. Select Add Destination and then go to Send to Email.
2. Go to Select Addresses.
3. Select New Addresses and enter the e-mail address by specifying the user and domain name, or select Fiery Address Book to choose the e-mail address to which you send your scan job. After you have made the selections, press Done.
4. To remove e-mail addresses registered, go to Remove Addresses and choose the e-mail address you want to remove.
5. Go to Configure Email.
6. Choose Attachment if you are sending your scan job as an attachment file, or choose URL if you are sending the URL location where your scan job can be viewed.
7. Choose the file format of your scan job.

TO SEND A SCAN FILE TO AN FTP SERVER

1. **Select Add Destination and then go to Send to FTP.**
2. **Enter the FTP server name for Server Name.**
3. **Enter the default download folder for Path Name.**
4. **Specify the FTP port number.**

NOTE: The default port number is “21”. If you change the port number, you also need to change the port number setting for FTP Setup in Network Setup>Service Setup. For more information, see the *Configuration Guide*.

5. **Specify the time-out setting.**
6. **Choose Yes or No for User Anonymous Name?**

Yes—Allows all users to send a scan job to their specified FTP server.
If you choose Yes, go to step 9.

No—Allows a limited number of users to send a scan job to their specified FTP server.
If you choose No, proceed to step 7.

7. **Enter the user name to connect to the FTP server.**
8. **Enter the password to connect to the FTP server.**
9. **Specify the file format of your scan job.**

TO REMOVE A DESTINATION

1. **Go to Destination.**
2. **Select Delete Destination.**
3. **Specify what to delete and then press OK.**

Using Fiery Remote Scan

With Fiery Remote Scan, you can initiate scanning remotely. You can open a scanned job directly into a TWAIN supported application or send a scanned job to a particular destination. The job sent to a destination can be retrieved using Fiery Remote Scan, Fiery WebScan, or Command Workstation. For information on Fiery WebScan, see “[To retrieve scan files using WebScan](#)” on page 6-15.

Initiating scans using Fiery Remote Scan

With Fiery Remote Scan, you can initiate a scan from the copier remotely. You can automatically open a scan file in a host application using the Fiery Remote Scan TWAIN plug in, or automatically initiate and send a scan file to the Hold queue, mailbox, disk, e-mail, or FTP using the Fiery Remote Scan Application.

NOTE: The following procedures describe how to use Fiery Remote Scan from Photoshop.

NOTE: Fiery Remote Scan for Windows and Mac OS versions are similar. The following procedures use Windows illustrations with any Mac OS differences noted.

TO INITIATE A SCAN USING THE FIERY REMOTE SCAN APPLICATION OR THE FIERY REMOTE SCAN TWAIN PLUG IN

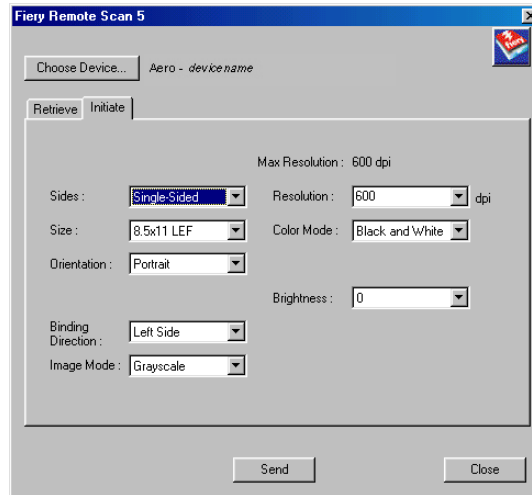
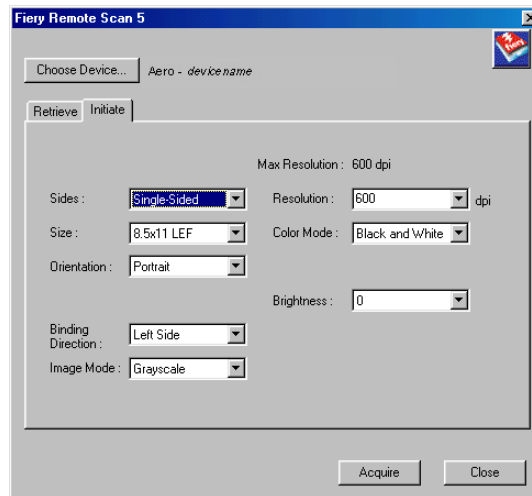
1. **If you are using the Fiery Remote Scan Application, start the application.**

If you are using Fiery Remote Scan TWAIN plug in, start Photoshop, and in the File menu, select Import, and then click Fiery Remote Scan 5.

2. **Select the EB-105EX in the Choose Device dialog box and click OK.**

If the EB-105EX does not appear in the Configuration list, you must configure the list to communicate with the EB-105EX. For instructions, see the [User Software Installation Guide](#).

3. **If you are scanning a single original, place it on the copier glass.**
If you are scanning multiple originals, place them in the document feeder.

4. Select the Initiate tab.**Fiery Remote Scan Application****Fiery Remote Scan TWAIN plug-in****5. Select the appropriate scan settings and click Send (Fiery Remote Scan Application) or Acquire (Fiery Remote Scan TWAIN plug-in module).**

If you click Acquire, the scanned file automatically opens in the host application, where you can view and edit it. If you choose Send, the scanned file is sent to a specific destination. For more information, see “[Sending the scan job to a specific destination](#)” on page 6-11.

Retrieving scans using Fiery Remote Scan

To retrieve a scan, scan the image to a mailbox using the copier’s display window or initiate the scan using Fiery Remote Scan. Then upload the scanned document into Photoshop, save it to the Hold queue or your hard disk, or send it to an e-mail address or FTP site.

When you send a scan file to the Hold queue, the EB-105EX automatically stores the file on the EB-105EX hard disk. You can then manipulate the file using DocBuilder Pro and Command WorkStation. For information about using DocBuilder Pro and Command WorkStation, see the *Job Management Guide*. You can also save the scan to your local desktop computer.

When you send a scan file via e-mail or FTP site, you can send the scan job as either a file attachment or a URL. If you send an attachment that exceeds the maximum scan file size specified, the scan job will be automatically sent as a URL.

NOTE: Fiery Remote Scan for Windows and Mac OS versions are similar. The following procedures use Windows illustrations with any Mac OS differences noted.

TO RETRIEVE SCANNED JOBS INTO PHOTOSHOP WITH THE FIERY REMOTE SCAN APPLICATION OR THE FIERY TWAIN PLUG-IN MODULE

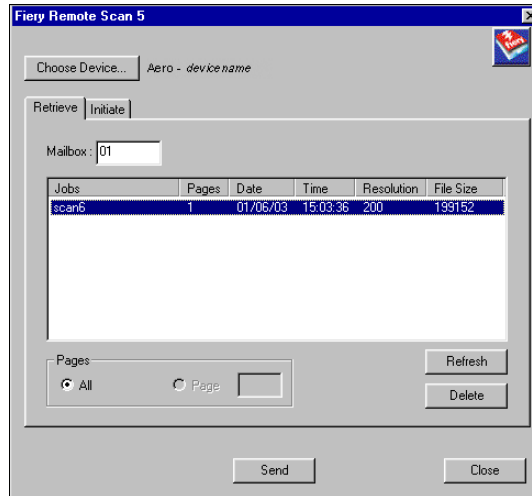
1. If you are using the Fiery Remote Scan Application, start the application.

If you are using Fiery Remote Scan TWAIN plug in, start PhotoShop, and in the File menu, select Import, and then click Fiery Remote Scan.

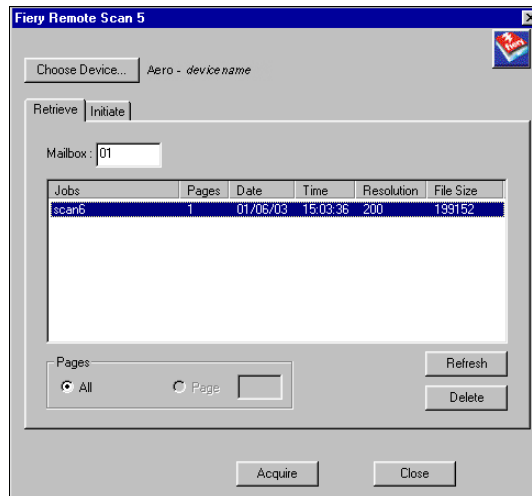
2. Select the EB-105EX in the Choose Device dialog box and click OK.

3. Select the Retrieve tab.

Fiery Remote Scan Application



Fiery Remote Scan TWAIN plug-in



4. Enter the appropriate Mailbox number and click Close.

5. Click Refresh.

All scanned images for that mailbox are listed.

6. Select the job by clicking it.

To open all pages of a scan, select All. To open a specific page, select Page and enter the specific number in the Page field.

7. Click Send (Fiery Remote Scan Application) or Acquire (Fiery Remote Scan TWAIN Plug-in module).

If you click Acquire, the scanned file automatically opens in the host application, where you can view and edit it. If you choose Send, the scanned file is sent to a specific destination. For more information, see [“Sending the scan job to a specific destination”](#) on page 6-11.

To delete a scanned job from the EB-105EX, select the job and click Delete.

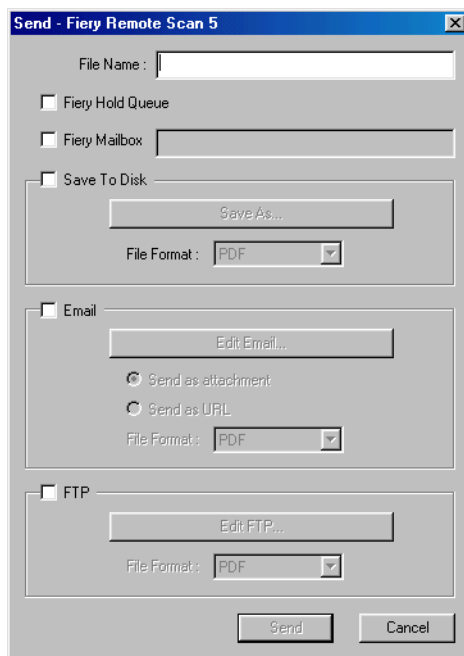
Sending the scan job to a specific destination

When you initiate or retrieve a scan, you can select where to send the scan file. After selecting the appropriate settings for your scan job, you can specify the location to send the scan. You can send the scan to the Hold queue, a mailbox, disk, e-mail, or FTP.

NOTE: To send the scan to an e-mail address, you must have e-mail Service enabled at the EB-105EX Setup. Also, to send the scan to an FTP server, you must have FTP Service enabled at the EB-105EX Setup. For more information see the [Configuration Guide](#).

TO SEND A SCAN JOB TO A DESTINATION

1. From the Fiery Remote Scan, select the scan file to send and click Send.

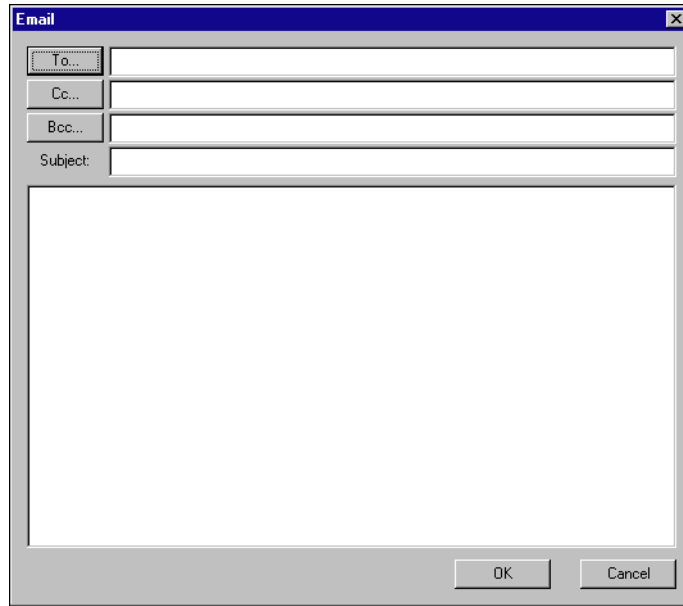


2. To send the job to the Hold queue, click Fiery Hold Queue.
The scan job appears in the Spool area of the Command WorkStation Queues window.
3. To send the scan job to a mailbox, click Fiery Mailbox and enter a mailbox number (0000-9999) or mailbox name.
4. To send the scan job to a disk drive, click Save to Disk, select the file format, and then click Save As.

Select the drive location and a file name, and then click Save.

5. To send the scan job via e-mail, select **Email** and click **Edit Email**.

The Email message window appears.



The screenshot shows a standard Windows-style dialog box titled "Email". On the left side, there are four buttons labeled "To...", "Cc...", "Bcc...", and "Subject:". Each button is positioned next to a corresponding text input field. Below these fields is a large, empty rectangular area for the email body. At the bottom right of the dialog, there are two buttons: "OK" and "Cancel".

Enter an e-mail address in the To: field, or browse the list of e-mail addresses in the Address Book by clicking To:, Cc:, or Bcc:. You can also enter a Subject line and body text. Click OK. Indicate whether you want to send the file as an attachment or a URL, and choose a File Format (TIFF or PDF).

6. To send the scan job to an FTP site, select FTP and click Edit FTP.

The FTP Destination dialog box appears.

The screenshot shows a dialog box titled "FTP Destination - Fiery Remote Scan 5". It contains the following fields and controls:

- Server Name : [Text box]
- Path : [Text box]
- Port Number : [21] [Use Default Port checkbox checked]
- Timeout : [30] Seconds
- User Name : [anonymous] [Anonymous Login checkbox checked]
- Password : [Text box]
- ☐ Proxy Enable
- Proxy Address : [Text box]
- Proxy Port Number : [21] [Use Default Port checkbox checked]
- Proxy User Name : [Text box]
- Proxy Password : [Text box]
- [Validate] [OK] [Cancel] buttons at the bottom.

Enter the FTP settings and click OK. If the proxy server has been enabled, click Proxy Enable and enter the information for the proxy server.

NOTE: The default port number is 21. The Proxy Server Port Number configured at Setup must be the same number. For more information, see the [Configuration Guide](#).

Indicate whether you want to send the file as an attachment or a URL, and choose a File Format (TIFF or PDF).

7. Click Send.

Your job is sent to the selected destinations.

Using WebScan

You can also download scanned files from the server with WebScan from Fiery WebTools. You can create and delete mailboxes with WebScan.

Retrieving Scans with WebScan

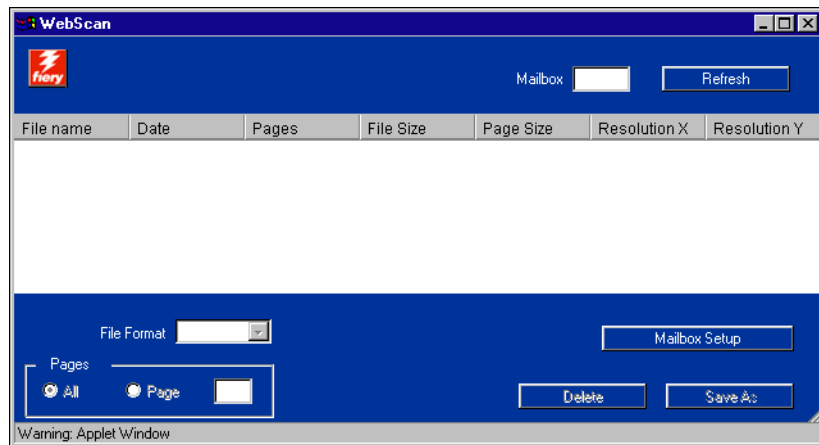
When you use WebScan to retrieve files, you can save the file to disk, or you can open the file directly from the server.

TO RETRIEVE SCAN FILES USING WEBSCAN

1. **Click the WebScan WebTool in the Fiery WebTools menu on the EB105EX home page.**

For instructions on how to access the EB105EX home page and Fiery WebTools, see [“To access Fiery WebTools”](#) on page 7-2.

The WebScan dialog box appears.

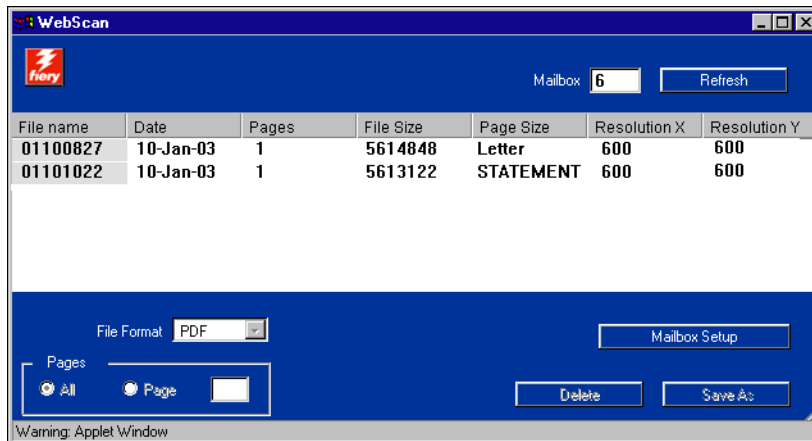


2. **Enter the Mailbox Number and click Refresh.**

All scanned documents in the Mailbox are displayed.

WebScan lists the following information about each scanned job: File name, Date, Pages, File Size, Page Size, Resolution X, and Resolution Y.

3. Select the file you want to open.



4. Choose PDF, TIFF, or JPEG from the File Format menu.

You can specify the pages you want to retrieve from your job if you choose JPEG from the File Format menu.

If you want to open all pages of scan click All. If you want to open the specific page, specify the Page number to scan.

5. Click Save As.

NOTE: Depending on the browser you are using, you may be asked to indicate whether you want to open the file from its current location, or save the file to disk.

The scanned image is displayed in your web browser.

NOTE: You must have Adobe Acrobat installed to view a scanned PDF.

6. To print the job, choose Print from the File menu.

To delete a scanned image from the EB-105EX hard disk, select the file that you want to delete from the WebScan window and click Delete.

Chapter 7: Tracking and Monitoring Jobs

The EB-105EX user software includes a variety of tools that allow you to track and manage print jobs. Access to some tools is controlled by your site administrator, but other tools are available to all users.

- Command WorkStation, Fiery WebSpooler, and Fiery Spooler all provide the capability to view and control the flow of print jobs to the EB-105EX. If the administrator has set Administrator and Operator passwords in Setup, you must have one of these passwords to perform most Command WorkStation, Fiery WebSpooler, and Fiery Spooler functions. For information on these tools and the access privileges necessary to use them, see the *Job Management Guide*.
- Fiery WebTools do not require any special access privileges. As long as the administrator has enabled Web Services in Setup and provided users with the IP address of the EB-105EX, anyone can use them.
- EFI Job Monitor provides the capability to track the status of jobs sent to and consumables on the EB-105EX and alert you any errors on the EB-105EX and copier. Job Monitor does not require any special access privileges.

Accessing Fiery WebTools

Fiery WebTools reside on the EB-105EX hard disk, but can be accessed over the network from a variety of platforms. The EB-105EX home page allows you to view server functions and manipulate jobs remotely. This chapter describes only the Status and WebLink WebTools.

For information on Fiery WebSpooler, see the *Job Management Guide*. For information on the Installer, see the *User Software Installation Guide*. For information on WebSetup, see the *Configuration Guide*. For information about WebScan, see [Chapter 6](#). For information about WebDownloader, see [Chapter 4](#).

TO ACCESS FIERY WEBTOOLS

1. **Start your Internet browser.**

For information about supported platforms and browsers, see the *User Software Installation Guide*.

2. **Type the IP address or the DNS name of the EB-105EX.**

For this information, contact the operator or administrator.

3. **If a Log In dialog box appears, select Guest and click OK.**

The Log In dialog box appears only if the administrator has set a password. Guest access is sufficient to use the Status and WebLink WebTools.

4. **When the EB-105EX home page appears, click to select one of the Fiery WebTools.**

Move the cursor over the buttons to display information about the selections.

Checking EB-105EX status with the Status WebTool

You can use the Status WebTool to see what jobs are currently processing and printing. To access Status, open the EB-105EX home page and click Status. The current RIP Status and Printer Status appear in the window.

NOTE: For best results, use WebTools at the recommended resolution. For more information, see “System requirements” in the *Quick Start Guide*.



To open a new browser window for the Status display, click Float. You can then close other browser windows and leave the Status window open to continue checking the status of the EB-105EX. As long as you keep the Status window open, it is dynamically updated.

To obtain more information about the status of jobs, use WebSpooler, Fiery Spooler, or Command WorkStation, as described in the *Job Management Guide*.

Accessing information with the WebLink WebTool

The WebLink WebTool provides a link to another web page or to multiple web pages, provided you have a valid Internet connection. The administrator at your site sets the WebLink destination(s).

Using EFI Job Monitor

On a Windows computer, you can use EFI Job Monitor to track the status of jobs sent to the EB-105EX. In addition, Job Monitor tracks the status of consumable materials on the EB-105EX and alerts you to any EB-105EX or copier errors that interfere with printing.

NOTE: If you are running Windows 9x/Me, Job Monitor only tracks jobs sent to the EB-105EX from your workstation. Jobs sent from other workstations are not monitored.

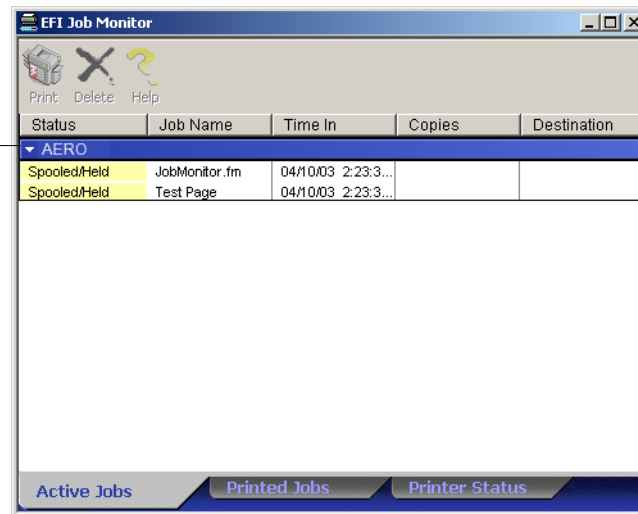
By default, Job Monitor automatically starts in the background each time you start Windows. Once the utility is started, the Job Monitor icon () appears in the Windows taskbar. Click this icon at any time to display the Job Monitor window if it is hidden. If a printing error occurs on the EB-105EX, the Job Monitor icon appears highlighted in red.

TO START JOB MONITOR

- **If Job Monitor does not start automatically when you start Windows, double-click the Job Monitor shortcut on the desktop. Or, open the printer driver, click the Consumables tab, and then click Launch Job Monitor.**

Job Monitor opens a utility window on the screen and establishes a connection to the EB-105EX. If you have installed and configured printer drivers for more than one EB-105EX, Job Monitor automatically establishes connections to all the EB-105EXs.

Server bar



Tabs at the bottom of the window allow you to switch between monitoring active jobs, printed jobs, and copier status.

Each connected EB-105EX is indicated by an expandable blue bar. If the connection is lost, the server bar appears highlighted in red.

TO RECONNECT TO THE EB-105EX

- If the server bar for the EB-105EX appears highlighted in red, right-click the server bar and choose **Reconnect to Server** from the menu.

Job Monitor attempts to reestablish the connection to the EB-105EX.

TO MONITOR ACTIVE JOBS

1. To monitor jobs that are currently in the Hold queue, or processing or printing on the EB-105EX, click the Active Jobs tab.
2. If needed, click to expand the server bar that corresponds to the EB-105EX you want to monitor.

Color-coded flags indicate the status of each active job on the EB-105EX.

3. To print a spooled/held or processed/held job, select the job in the list and click the **Print** button.
4. To cancel a job that is currently processing or printing, select the job and click the **Delete** button.

If you click the Delete button for a held job, the job is removed from the EB-105EX queue.

TO MONITOR PRINTED JOBS

1. To monitor jobs that have been printed on the EB-105EX, click the Printed Jobs tab.
2. If needed, click to expand the server bar that corresponds to the EB-105EX you want to monitor.
3. To reprint a job, select the job and click the **Print** button.
4. To delete a job from the list, select the job and click the **Delete** button.

TO MONITOR COPIER STATUS

1. To monitor the status of consumable materials and job traffic on the EB-105EX and its copier, click the **Printer Status** tab.
2. If needed, click to expand the server bar that corresponds to the EB-105EX you want to monitor.

The following status information is displayed:

Error conditions—If an error has occurred on the EB-105EX or the copier, the server bar appears highlighted in red and displays details about the error.

Paper Tray Level—Displays the amount of paper remaining in each paper tray of the copier.

Toner Levels—Displays the ink or toner levels remaining on the copier.

Print Traffic—Displays the number of jobs in the EB-105EX queue.

Chapter 8: Using Fiery E-mail Service

The Fiery E-mail Service allows you to remotely print to and control the EB-105EX using your current e-mail infrastructure. It allows you to print to remote locations and bypass firewalls.

With Fiery E-mail Service, you can submit jobs to the EB-105EX as e-mail attachments.

You can use Fiery E-mail Service in the following ways:

- Print using an E-mail Client
- Scan using Scan to E-mail

How Fiery E-mail Service works

In order to use the E-mail services, you must set up Fiery E-mail Service as described in the *Configuration Guide*

To print with an E-mail Client, you send a file as an e-mail attachment, and Fiery E-mail Service extracts the file and sends it to the EB-105EX. The attachment can be in any format the EB-105EX recognizes.

Fiery E-mail Service also supports Scan to E-mail, a feature that allows you to scan a document and send it to an e-mail address as an attachment or URL. For more information about Scan to E-mail, see [Chapter 6](#).

The EB-105EX supports internal address books. Administrators can retrieve, add, delete, and clear addresses from the address books by sending requests via e-mail. For more information about address books, see the *Configuration Guide*.

NOTE: Fiery E-mail Service will not process .vbs, .exe, or .bat extensions.

Printing using an E-mail Client

You can submit print jobs to the EB-105EX in the form of an e-mail attachment using your e-mail application. When you send an e-mail with an attachment, Fiery E-mail Service extracts the file and sends it to the EB-105EX Print queue. The file format must be one supported by the EB-105EX.

By default, anyone can print with an E-mail Client, unless the Print address book has been set up by the Administrator. If your e-mail address is not in the Print address book, you cannot send files to the EB-105EX via e-mail. For more information about address books, see the *Configuration Guide*.

NOTE: The Direct and Hold queues are not supported by the E-mail Client feature.

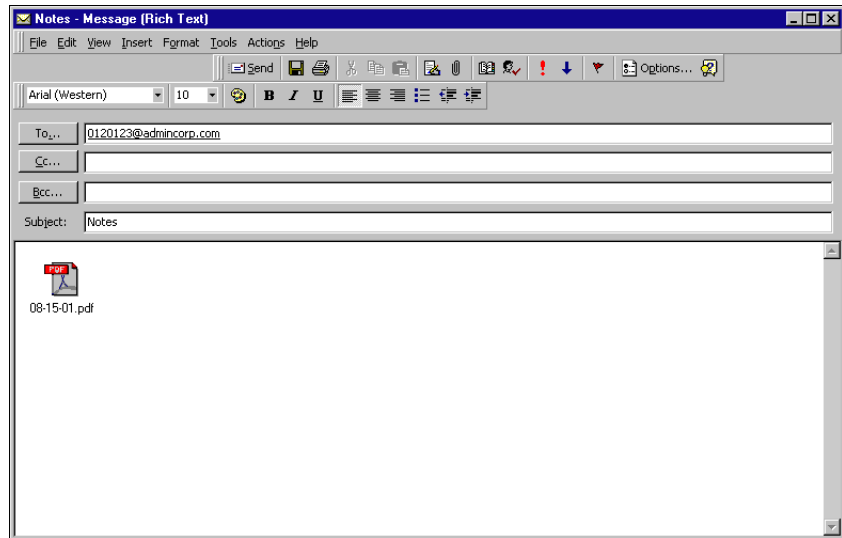
NOTE: The illustrations in the following procedure depict Microsoft Outlook E-mail.

TO PRINT USING AN E-MAIL CLIENT

1. **Open your e-mail application.**
2. **Enter the EB-105EX e-mail address in the To: line.**
3. **Leave the Subject line blank.**
4. **Attach the file you want to print in the body of the e-mail.**

NOTE: Text in the body of the e-mail cannot be printed. You may receive an error if you enter text in the body of the e-mail.

NOTE: If your attachment exceeds the file size limitation set by your e-mail system administrator, the e-mail will not be sent.



5. Click Send.

The file is sent to the EB-105EX and the job is printed. After the EB-105EX receives the job, you will receive an e-mail notification that the print job was accepted. The e-mail notification also provides a job identification (ID), which allows you to manage jobs with Job Control (see the following section). The e-mail notification indicates any current error at the copier.

Once the job has been printed, you receive a second e-mail notification that indicates the job printed successfully.

To check the status of your job, use Job Control to see if the job printed successfully.

Job Control

Job Control allows you to manage print jobs by submitting commands to the EB-105EX via e-mail. You can cancel a job, check job status, and inquire help on a job. Once you send a command, the EB-105EX returns an e-mail response.

TO MANAGE PRINT JOBS WITH JOB CONTROL

1. **In your e-mail application, enter the EB-105EX e-mail address in the To: line.**
2. **Enter one of the following Job Control commands in the Subject line.**

To check the status of a job, enter #JobStatus<job id> in the Subject line.

You will receive an e-mail response to your job status query. You can only inquire about the status of the job if you sent the job or are an administrator.

To cancel a job, enter #CancelJob<job id> in the Subject line.

You will receive an e-mail response indicating that the job has been cancelled and will not print to the EB-105EX. You can only cancel the job if you sent the job or are an administrator.

To inquire help, enter #Help in the Subject line.

You will receive an e-mail response that contains the links that allow you to cancel jobs, check job status, and search and manage address books. Click any of the links to perform a Job Control command.

Appendix A: Print Options

Print options give you access to the special features of your copier and EB-105EX. Print options can be specified in several places—in EB-105EX Setup, or from the printing application, Fiery Downloader, Command WorkStation, Fiery WebSpooler, or Fiery Spooler. The table in this appendix briefly describes each print option and its default setting, and provides information on any constraints or requirements in effect.

About printer drivers and printer description files

The EB-105EX receives files from computers on the network, processes (RIPs) them, and then sends them to the copier. Windows and Mac OS computers communicate with the EB-105EX by means of a printer driver and printer description (PPD) files. The driver allows you to use special features of the EB-105EX from the Print dialog box.

A printer driver manages printing communication between your application and the printer. It interprets the instructions generated by the application, merges those instructions with printer-specific options you specify, and translates all information into PostScript, a language the printer understands. In other words, the printer driver writes a PostScript file based on your original file and the options you set from the Print dialog box.

A printer driver also allows you to select print options for your copier. To do this, the printer driver must be matched with a PPD file for your EB-105EX. A PPD file contains information about the features and capabilities of a particular device (for example, what paper sizes and media types are supported). The printer driver reads the information in this file and presents that information to you in the form of options you can choose from the Print dialog box. For information on the specific print options for the EB-105EX, see the table on [page A-3](#).

Where to set print options

- During Setup

Some settings are specified during Setup by the administrator. For information on the current default server settings, contact the administrator or the operator.

- From applications

With the Adobe PostScript printer drivers, you can specify job settings when you print a job. For information about specifying job settings from applications, see [Chapters 1 and 2](#).

- From Fiery Downloader

Only a few settings—Copies and Page Range (for PDF files only)—can be specified when printing jobs with Fiery Downloader. To change options in Fiery Downloader, select a job in the Files to be Downloaded (Windows) or Files to Download (Mac OS) list and click Options. For more information, see [Chapter 4](#).

- Overrides from Command WorkStation, Fiery WebSpooler, and Fiery Spooler

To change job settings from Command WorkStation, double-click a job to display the Properties dialog box. To change job settings from Fiery WebSpooler and Fiery Spooler, double-click a job to display the Override Print Settings dialog box. For more information, see the *[Job Management Guide](#)*.

Print option override hierarchy

The override hierarchy is as follows:

- A user's printer driver settings override the EB-105EX Setup settings.
- Settings made from Command WorkStation, Fiery WebSpooler, or Fiery Spooler override the user's printer driver settings.

Default settings

In the following table, underlined settings in the Option and settings column indicate default printer driver settings (PPD defaults). If you do not use the printer driver interface to configure a particular option, the EB-105EX prints the job with the underlined setting.

For options that can be configured in Setup from the copier operation panel, Command WorkStation, or WebSetup, choosing Printer's Default results in the EB-105EX printing the job with the Setup setting specified. For options that cannot be configured in Setup, the EB-105EX prints the job with a pre-configured Printer's Default setting. For more information, see the Requirements, constraints, and information column.

To determine the current Setup defaults, print the Configuration page from Command WorkStation or the copier operation panel.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Binding Margin <u>0-50</u>	Specify a margin value of duplex printing in millimeters.	This option is not available in the Mac OS X (Native Mode) printer driver, Command WorkStation, Fiery WebSpooler, Fiery Spooler, or Adobe PageMaker.
Brightness 85% Lightest/90% Lighter/95% Light/ <u>100% Normal</u> /105% Dark/ 110% Darker/115% Darkest	Select 85% for a substantially lighter image, 115% for a substantially darker image, or use one of the settings in between.	This option is available only in Fiery Downloader.
Centering <u>XY</u> /Top X/Bottom X/Left Y/Right Y	Specify how you want the images positioned on the page for imposition printing.	
Center Margin <u>0-50</u>	Specify a margin value (mm) at the folding line for imposition printing.	This option is not available in the Mac OS X (Native Mode) printer driver, Command WorkStation, Fiery WebSpooler, Fiery Spooler, or Adobe PageMaker.
Collate <u>Off/On</u>	Specify how to output multiple-page/multiple-copy jobs. Select Off to print all pages of each copy of the job in sequence; select On to print all copies of each page in sequence.	
Copies <u>1-999</u>	Specify the number of copies of the job to print.	Do not enter a value greater than 999.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Create Master <u>None</u> /1-15	To create a FreeForm master from this job, specify a number to assign to the FreeForm master file.	For more information, see page 5-2 . Command WorkStation allows you to select up to 100 FreeForm Masters.
Creep <u>Off</u> /Plain/Thick	Use this option to adjust images that may shift from the center of the sheet in booklet print jobs.	Creep can occur when booklet jobs have a large number of pages or when booklet jobs are printed on thick media. This option is not available in Command WorkStation, Fiery WebSpooler, Fiery Spooler, or Adobe PageMaker.
Destination <u>Printer's Default</u> /Finisher Upper Tray/ Finisher Shift Tray/ Finisher Shift Tray 1/ Finisher Shift Tray 2/ Booklet Processor Tray	Specify the tray to output the print job.	Destination options vary according to the accessories installed on the printer.
Document Server <u>Off</u> /On	Specify a file to be saved to the hard disk, and printed from the copier operation panel. Document Server print jobs can be saved with a Filename and Password. If a Document Server job has been password protected, it can only be printed when the correct password is entered at the copier operation panel.	This option is not available in the Mac OS X (Native Mode) printer driver or Adobe PageMaker. See page A-10 for more information.
Document Server File Name	Enter a file name to distinguish a job from other Document Server jobs.	The file name can contain up to 16 alphanumeric characters. This option is not available in the Mac OS X (Native Mode) printer driver or Adobe PageMaker.
Document Server Password	Enter a password for a job to prevent the job from being printed and read by others.	The password can contain up to 4 numerical digits. This option is not available in the Mac OS X (Native Mode) printer driver or Adobe PageMaker.



Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Document Server User Name	Enter your user name to distinguish from other user.	The user name can contain up to 16 alphanumeric characters. This option is not available in the Mac OS X (Native Mode) printer driver or Adobe PageMaker.
Document Size <u>Letter (8.5 x 11)/</u> A4 (210 x 297 mm)/ A3 (297 x 420 mm)/ A3 Wide (12 x 18)/ A5 (148 x 210 mm)/ B4 JIS (257 x 364 mm)/ B5 JIS (182 x 257 mm)/ 11 x 17/ Legal (8.5 x 14)/5.5 x 8.5/ Exec (7.25 x 10.5)/ 8 x 13/8.25 x 13/8.5 x 13/ 8K (390 x 267 mm)/ 16K (267 x 195 mm)/ Letter (Full bleed)/A4 (Full bleed)/ A3 (Full bleed)/A3 Wide (Full bleed)/ A5 (Full bleed)/B4-R (Full bleed)/ B5 (Full bleed)/11 x 17 (Full bleed)/ Legal (Full bleed)/ 5.5 x 8.5 (Full bleed)/ Executive (Full bleed)/ 8 x 13 (Full bleed)/ 8.25 x 13 (Full bleed)/ 8.5 x 13 (Full bleed)/8K (Full bleed)/ 16K (Full bleed)	Specify the size of the paper on which to print the document.	
Duplex <u>Off/Open to Left/Open to Top</u>	Select Off for simplex (single-sided) printing. Select Open to Left for duplex (double-sided) printing with both sides using the same top edge. Select Open to Top for duplex printing with the back side upside down.	For more information on duplex printing, see page A-12 .

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Edge Smoothing <u>On/Off</u>	Specify if you want to smooth the edges of text, curved line art, and ornamental characters.	
First Page Input <u>Off/On</u>	Specify printing the first page of the print job from the selected Special Input Tray.	
Group Name	If Printing Groups is enabled, the administrator has assigned users to print groups, and passwords to each group. Enter the appropriate Group Name for the print job.	This option is not available in the Mac OS X (Native Mode) printer driver or Adobe PageMaker.
Group Password	If Printing Groups is enabled, the EB-105EX Administrator has assigned users to print groups, and passwords to each group. Enter the appropriate Group Password for the print job.	This option is not available in the Mac OS X (Native Mode) printer driver or Adobe PageMaker.
Image Preview <u>On/Off</u>	Specify whether a preview thumbnail should be displayed in the Command WorkStation when a job is being processed. If you select On, the preview thumbnail is displayed in the Processing section of the Activity Monitor.	If you select On, processing takes longer. This option is not available in the Mac OS printer drivers.
Imposition <u>Off/Booklet/Perfect/Double Print/Speed Print</u>	Specify page arrangement of your print job in special layouts for folding or cutting after printing.	This option is not available in Command WorkStation, Fiery WebSpooler, Fiery Spooler, or Adobe PageMaker.
Imposition Reduction <u>On/Off</u>	Select On when the original document size is to be printed on the same paper size by reducing the image size by 1/2.	This option is not available in Command WorkStation, Fiery WebSpooler, Fiery Spooler, or Adobe PageMaker.
Input Tray <u>Auto Tray Select/Tray 1/Tray 2/Tray 3/Tray 4/Tray 5/Tray 6/Tray 7/Interposer</u>	Specify the paper tray to use for your job.	The Auto Tray Select setting automatically selects the tray containing the paper size specified for the job. Trays 4, 5, and 6 are only available if a Large Capacity Tray is installed. Tray 7 and Interposer are only available if a Tray 7 and Interposer, respectively, are installed.



Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Instructions	Enter instructions for the operator about the job.	This option is not available in Adobe PageMaker.
Layout 1-up/2-up/4-up/6-up/9-up/16-up	Specify how you want your job to be laid out on each sheet.	This option must be set to 1-up when printing imposition jobs.
Media Type Plain/Recycled/Plain or Recycled/ Special/Thick/Transparency/ Translucent/Letterhead/Preprinted/ Prepunched/Labels/Bond Paper/ Cardstock/Tab Stock/Color 1/Color 2/ Yellow/Green/Blue/Purple/Ivory/ Orange/Pink/Red/Gray	Specify the media type to print on.	
Notes	Enter information about the job.	The Notes field has a 32-character limit. This option is not available in the Mac OS X (Native Mode) printer driver or Adobe PageMaker.
Orientation <u>Portrait</u>/Landscape	Specify the orientation of the document. Select Landscape to rotate the pages of a landscape-oriented job 180 degrees.	This option is not available in Command WorkStation, Fiery WebSpooler, Fiery Spooler, or Adobe PageMaker.
Orientation Override <u>Off</u>/Landscape/Portrait	Specify the orientation of the document only when your job is a PDF file.	Use this option only if your job is a PDF file.
Punch <u>Off</u>/Left/Top/Right	Specify binder hole location.	Punch options are available if a Finisher with Punch is installed on the printer. For more information, see page A-13 .
Punch Holes <u>Printer's Default</u>/Two Holes/ Three Holes/Four Holes	Specify the number of holes to be punched.	Punch Holes options are available if a Finisher with Punch is installed on the printer. For more information, see page A-13 .



Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Print Size <u>Same as Document Size/</u> Letter (8.5 x 11)/ A4 (210 x 297 mm)/ A3 (297 x 420 mm)/ A3 Wide (12 x 18)/ A5 (148 x 210 mm)/ B4 JIS (257 x 364 mm)/ B5 JIS (182 x 257 mm)/ 11 x 17/ Legal (8.5 x 14)/5.5 x 8.5/ Exec (7.25 x 10.5)/ 8 x 13/8.25 x 13/8.5 x 13/ 8K (390 x 267 mm)/ 16K (267 x 195 mm)/ Custom (Tray 2)/Custom (Tray 3)/ Custom (Tray 7)	Specify the print size of the document. If the document's size is different from the selected print size, the document will be scaled.and printed at the specified print size.	
Remove White PPT Background <u>Off/On</u>	Select On when using PowerPoint to create variable data in conjunction with FreeForm.	
Resolution <u>600 DPI/1200 DPI</u>	Specify the resolution of the print job (specified in dots-per-inch).	
Rotate 180 <u>Yes/No</u>	Specify if you want to rotate the pages of your job 180 degrees.	This option is only available from Mac OS and Windows 2000/XP. For Windows 9x/Me/NT, use the Orientation option. Depending on the application you are using, your landscape job might print with the incorrect orientation. If this occurs, or if you select a Stapler Mode (other than Off) and the staple is inserted in the wrong place, select Yes.
Scale 25-400% <u>100%</u>	Specify a scaling override for your print job.	This option is not available in Command WorkStation, Fiery WebSpooler, Fiery Spooler, or Adobe PageMaker.



Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Staple <u>Off</u> /Top Left Auto/Top Right Auto/ Top Left Slant/Top Right Slant/ 2 at Left/2 at Right/2 at Top/ Top Left Horizontal/ Top Right Horizontal/ Top Left Vertical/Top Right Vertical/ 2 at Center	Specify the number of staples and their positions.	For more information, see page A-14 .
Special Input Tray <u>Auto Tray Select</u> /Tray 1/Tray 2/Tray 3/ Tray 4/Tray 5/Tray 6/Tray 7/Interposer	Specify the paper tray to use for slip sheets or first page.	To specify Special Input Tray for your first page, you must click on First Page Input print option.
Special Media Type <u>Plain</u> /Recycled/Special/Thick/ Transparency/ Translucent/Letterhead/ Preprinted/Prepunched/Labels/Bond Paper/Cardstock/Tab Stock/Color 1/ Color 2/Yellow/Green/Blue/Purple/ Ivory/Orange/Pink/Red/Gray	Specify the media type to use for slip sheets or first page.	To specify Special Media Type for your first page, you must click on First Page Input print option.
Tabs in page range(s) <u>On</u> / <u>Off</u>	Specify whether specified pages to be printed include tabs.	Turn this option on when you select True for Tabs in page range(s) in the Mixed Media dialog box. This option is not available in the Mac OS printer drivers or Adobe PageMaker.
Toner Saving <u>Off</u> /Medium Light/Light	Specify if you want to decrease the amount of toner used.	
Use Master <u>None</u> /1-15	For variable data print jobs, specify a FreeForm master number to be used for the job.	For more information, see page 5-2 . Command Workstation allows you to select up to 100 FreeForm Masters.
Use Slip Sheet <u>Off</u> /Blank/Printed	Specify whether to insert a slip sheet between copies of multiple-copy jobs.	

More about print options

The following sections provide additional information about print options. For more information on the settings, requirements, and constraints in effect for these options, see the preceding table.

Document Server feature

The Document Server feature enables you to save jobs in the copier's memory and then edit and print them from the copier operation panel at any time.

For more information about Document Server features, see the operating instructions that describe copy functions in the *General Settings Guide*.

This section describes how to create and print a Document Server job.

TO CREATE A DOCUMENT SERVER JOB

1. **Choose Print from the application's File menu.**

The print dialog box appears.

2. **Select the EB-105EX and click Properties.**

3. **Click the Fiery Printing Tab, and then click the Document Server job option bar.**

4. **Select Document Server.**

NOTE: When you select Document Server in the printer driver, the Collate, Duplex, Punch, and Staple print options are restricted to the Off setting, and the Input Tray print option is restricted to the Auto Tray Select setting.

These settings, and additional print job settings may be specified from the copier operation panel when the job is printed.

5. Enter a file name into Document Server File Name.

Enter a file name, to distinguish the job from other Document Server jobs. The file name can contain up to 8 alphanumeric characters.

6. Enter a password into Document Server Password.

To prevent the job from being printed and read by others, enter a password for the job. The password can contain up to 4 digits.

7. Click the Statistics tab and enter a User ID and User Code.

Your Windows log on user name appears in the User ID field by default. Use this name, or enter another name in the User Code field.

8. Click OK.

The Document Server job is saved to the printer's hard disk drive.

NOTE: You can save up to 250 Document Server jobs.

TO PRINT A DOCUMENT SERVER JOB**1. Press the Document Server key on the copier operation panel.**

All Document Server jobs appear in the File List.

2. Select the job you want to print.**3. Enter the password for the job, if one has been set.****4. Press Print Settings, and specify the print settings for the job.****5. Press Start.**

The job is printed.

For more information about Document Server features, see the operating instructions that describe copy functions in the *General Settings Guide*.

Duplex

Duplex printing features are only available when printing from specific trays. To view a list of trays that support duplex printing, click on the printer driver's Consumables tab. Trays that support duplex printing appear with “duplex on” next to their names.

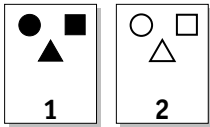
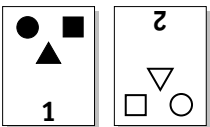
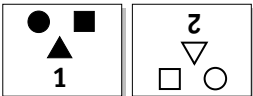
TO PRINT DUPLEX PAGES

1. Choose **Print** in your application and locate the **Duplex print option**.
2. Choose one of the **Duplex settings**:

Open to Left—Prints the top of the image on Side 1, on the same edge of the page as the top of the image on Side 2.

Open to Top—Prints the top of the image on Side 1, on the opposite edge of the page from the top of the image on Side 2.

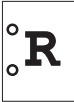
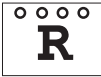
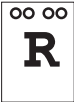
The following table shows how the Duplex settings correspond to printed output:

	Open to Left	Open to Top
Portrait		
Landscape		

Punch and Punch Holes

The following table describes the number of holes and punch positions.

NOTE: Punch positions vary according to paper size, paper type, number of pages and feed direction.

Punch Setting	Portrait		Landscape	
	Left	Top	Left	Top
2 holes (Available for UK and US version.)				
3 holes (Available for US version only.)				
4 holes, Type E (Available for UK version only.)				
4 holes, Type NE (Available for UK version only.)				

Scale

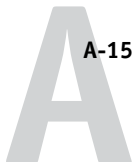
The operator can specify a scaling override from Fiery Spooler or Fiery WebSpooler, but the override is applied to any scaling value already set in the active job. For example, if a user sends a job with a scaling value of 50% and the operator specifies a Scale override of 200%, the job is printed at 100% of the original document size, that is, 50% of 200%.

Staple

The following table describes the staple positions. Top Left Auto and Top Right Auto are determined automatically, depending on your choices of Input Tray, Destination, Document Size, and Orientation.

NOTE: Staple positions vary according to paper size, paper type, number of pages and feed direction.

Staple Setting	Portrait	Landscape
Top Left Slanted		
2 at Left		
2 at Top		



Staple Setting	Portrait	Landscape
Top Left Horizontal		
Top Left Vertical		
2 at Center		

Appendix B:
Font List

This appendix lists the built-in printer fonts included with the EB-105EX.

PostScript printer fonts

The following table lists the 136 built-in PostScript printer fonts on the EB-105EX. In addition to these fonts, two Adobe Multiple Master fonts are included and used for font substitution in PDF files.

NOTE: For Mac OS computers, install the corresponding screen fonts from the User Software CD. For instructions, see the *User Software Installation Guide*.

Adobe Type 1 fonts

The EB-105EX includes 126 Adobe Type 1 fonts:

- The Mac OS column lists the name as it appears on the Font menu on a Mac OS computer. For example, in most applications, to use “Bodoni-Bold,” choose Bodoni Bold from the Font menu.
- The Windows menu name is the name as it appears on the Font menu on a Windows computer. The style refers to the style that must be selected in the application to access the particular PostScript font. For example, to use “Bodoni-Bold,” choose Bodoni from the Font menu and Bold from the Style menu.

PostScript name	Mac OS menu name	Windows menu name, style
AlbertusMT-Light	Albertus MT Lt	Albertus MT Lt
AlbertusMT	Albertus MT	Albertus MT
AlbertusMT-Italic	Albertus MT It	Albertus MT, Italic
AntiqueOlive-Roman	Antique Olive Roman	Antique Olive Roman
AntiqueOlive-Bold	Antique Olive Bold	Antique Olive Roman, Bold
AntiqueOlive-Italic	Antique Olive Italic	Antique Olive Roman, Italic
AntiqueOlive-Compact	Antique Olive Compact	Antique Olive Compact
Arial-BoldItalicMT	Arial Bold Italic	Arial, Bold Italic
Arial-BoldMT	Arial Bold	Arial, Bold
Arial-ItalicMT	Arial Italic	Arial, Italic

PostScript name	Mac OS menu name	Windows menu name, style
ArialMT	Arial	Arial
AvantGarde-Book	Avant Garde	AvantGarde
AvantGarde-Demi	Avant Garde Demi	AvantGarde, Bold
AvantGarde-BookOblique	Avant Garde BookOblique	AvantGarde, Italic
AvantGarde-DemiOblique	Avant Garde DemiOblique	AvantGarde, Bold Italic
Bodoni	Bodoni	Bodoni
Bodoni-Bold	Bodoni Bold	Bodoni, Bold
Bodoni-Italic	Bodoni Italic	Bodoni, Italic
Bodoni-BoldItalic	Bodoni BoldItalic	Bodoni, Bold Italic
Bodoni-Poster	Bodoni Poster	Bodoni Poster
Bodoni-PosterCompressed	Bodoni PosterCompressed	Bodoni PosterCompressed
Bookman-Light	Bookman	Bookman
Bookman-Demi	Bookman Demi	Bookman, Bold
Bookman-LightItalic	Bookman LightItalic	Bookman, Italic
Bookman-DemiItalic	Bookman DemiItalic	Bookman, Bold Italic
Carta	Carta	Carta
Clarendon-Light	Clarendon Light	Clarendon Light
Clarendon	Clarendon	Clarendon
Clarendon-Bold	Clarendon Bold	Clarendon, Bold
CooperBlack	Cooper Black	Cooper Black
CooperBlack-Italic	Cooper Black Italic	Cooper Black, Italic
Copperplate-ThirtyThreeBC	Copperplate33bc	Copperplate33bc
Copperplate-ThirtyTwoBC	Copperplate32bc	Copperplate32bc
Coronet	Coronet	Coronet
Courier	Courier	Courier
Courier-Bold	Courier Bold	Courier, Bold
Courier-Oblique	Courier Oblique	Courier, Italic
Courier-BoldOblique	Courier BoldOblique	Courier, Bold Italic
Eurostile	Eurostile	Eurostile
Eurostile-Bold	Eurostile Bold	Eurostile Bold
Eurostile-ExtendedTwo	Eurostile ExtendedTwo	Eurostile ExtendedTwo

PostScript name	Mac OS menu name	Windows menu name, style
Eurostile-BoldExtendedTwo	Eurostile BoldExtendedTwo	Eurostile ExtendedTwo, Bold
GillSans	GillSans	GillSans
GillSans-Bold	GillSans Bold	GillSans, Bold
GillSans-Italic	GillSans Italic	GillSans, Italic
GillSans-BoldItalic	GillSans BoldItalic	GillSans, Bold Italic
GillSans-Light	GillSans Light	GillSans Light
GillSans-LightItalic	GillSans LightItalic	GillSans Light, Italic
GillSans-Condensed	GillSans Condensed	GillSans Condensed
GillSans-BoldCondensed	GillSans BoldCondensed	GillSans Condensed, Bold
GillSans-ExtraBold	GillSans ExtraBold	GillSans ExtraBold
Goudy	Goudy	Goudy
Goudy-Bold	Goudy Bold	Goudy, Bold
Goudy-Italic	Goudy Italic	Goudy, Italic
Goudy-BoldItalic	Goudy BoldItalic	Goudy, Bold Italic
Goudy-ExtraBold	Goudy ExtraBold	Goudy ExtraBold
Helvetica	Helvetica	Helvetica
Helvetica-Bold	Helvetica Bold	Helvetica, Bold
Helvetica-Oblique	Helvetica Oblique	Helvetica, Italic
Helvetica-BoldOblique	Helvetica BoldOblique	Helvetica, Bold Italic
Helvetica-Narrow	Helvetica Narrow	Helvetica-Narrow
Helvetica-Narrow-Bold	Helvetica Narrow Bold	Helvetica-Narrow, Bold
Helvetica-Narrow-Oblique	Helvetica Narrow Oblique	Helvetica-Narrow, Italic
Helvetica-Narrow-BoldOblique	Helvetica Narrow BoldObl	Helvetica-Narrow, Bold Italic
Helvetica-Condensed	Helvetica Condensed	Helvetica Condensed
Helvetica-Condensed-Bold	Helvetica CondensedBold	Helvetica Condensed, Bold
Helvetica-Condensed-Oblique	Helvetica CondensedOblique	Helvetica Condensed, Italic
Helvetica-Condensed-BoldObl	Helvetica CondensedBoldObl	Helvetica Condensed, Bold Italic
HoeflerText-Ornaments	Hoefler Text Ornaments	Hoefler Text Ornaments

PostScript name	Mac OS menu name	Windows menu name, style
JoannaMT	Joanna MT	Joanna MT
JoannaMT-Bold	Joanna MT Bd	Joanna MT, Bold
JoannaMT-Italic	Joanna MT It	Joanna MT, Italic
JoannaMT-BoldItalic	Joanna MT Bd It	Joanna MT, Bold Italic
LetterGothic	Letter Gothic	Letter Gothic
LetterGothic-Bold	Letter Gothic Bold	Letter Gothic, Bold
LetterGothic-Slanted	Letter Gothic Slanted	Letter Gothic, Italic
LetterGothic-BoldSlanted	Letter Gothic BoldSlanted	Letter Gothic, Bold Italic
LubalinGraph-Book	Lubalin Graph	LubalinGraph
LubalinGraph-Demi	Lubalin Graph Demi	LubalinGraph, Bold
LubalinGraph-BookOblique	Lubalin Graph BookOblique	LubalinGraph, Italic
LubalinGraph-DemiOblique	Lubalin Graph DemiOblique	LubalinGraph, Bold Italic
Marigold	Marigold	Marigold
MonaLisa-Recut	Mona Lisa Recut	Mona Lisa Recut
NewCenturySchlbk-Roman	New Century Schlbk	NewCenturySchlbk
NewCenturySchlbk-Bold	New Century Schlbk Bold	NewCenturySchlbk, Bold
NewCenturySchlbk-Italic	New Century Schlbk Italic	NewCenturySchlbk, Italic
NewCenturySchlbk-BoldItalic	New Century Schlbk BoldIt	NewCenturySchlbk, Bold Italic
Optima	Optima	Optima
Optima-Bold	Optima Bold	Optima, Bold
Optima-Italic	Optima Italic	Optima, Italic
Optima-BoldItalic	Optima BoldItalic	Optima, Bold Italic
Oxford	Oxford	Oxford
Palatino-Roman	Palatino	Palatino
Palatino-Bold	Palatino Bold	Palatino, Bold
Palatino-Italic	Palatino Italic	Palatino, Italic
Palatino-BoldItalic	Palatino BoldItalic	Palatino, Bold Italic
StempelGaramond-Roman	StempelGaramond Roman	StempelGaramond Roman
StempelGaramond-Bold	StempelGaramond Bold	StempelGaramond Roman, Bold

PostScript name	Mac OS menu name	Windows menu name, style
StempelGaramond-Italic	StempelGaramond Italic	StempelGaramond Roman, Italic
StempelGaramond-BoldItalic	StempelGaramond BoldItalic	StempelGaramond Roman, Bold Italic
Symbol	Symbol	Symbol
Tekton	Tekton	Tekton
Times-Roman	Times	Times
Times-Bold	Times Bold	Times, Bold
Times-Italic	Times Italic	Times, Italic
Times-BoldItalic	Times BoldItalic	Times, Bold Italic
TimesNewRomanPS-BoldMT	Times New Roman Bold	Times New Roman, Bold
TimesNewRomanPS-BoldItalicMT	Times New Roman Bold Italic	Times New Roman, Bold Italic
TimesNewRomanPS-ItalicMT	Times New Roman Italic	Times New Roman, Italic
TimesNewRomanPSMT	Times New Roman	Times New Roman
Univers-Extended	Univers Extended	Univers Extended
Univers-BoldExt	Univers BoldExt	Univers Extended, Bold
Univers-ExtendedObl	Univers ExtendedObl	Univers Extended, Italic
Univers-BoldExtObl	Univers BoldExtObl	Univers Extended, Bold Italic
Univers-Light	Univers 45 Light	Univers 45 Light
Univers-Bold	Univers 65 Bold	Univers 45 Light, Bold
Univers-LightOblique	Univers 45 LightOblique	Univers 45 Light, Italic
Univers-BoldOblique	Univers 65 BoldOblique	Univers 45 Light, Bold Italic
Univers	Univers 55	Univers 55
Univers-Oblique	Univers 55 Oblique	Univers 55, Italic
Univers-CondensedBold	Univers 67 CondensedBold	Univers 47 CondensedLight, Bold
Univers-CondensedBoldOblique	Univers 67 CondensedBoldObl	Univers 47 CondensedLight, Bold Italic
Univers-Condensed	Univers 57 Condensed	Univers 57 Condensed

PostScript name	Mac OS menu name	Windows menu name, style
Univers-CondensedOblique	Univers 57 CondensedOblique	Univers 57 Condensed, Italic
ZapfChancery-MediumItalic	Zapf Chancery	ZapfChancery
ZapfDingbats	Zapf Dingbats	ZapfDingbats

TrueType fonts

The EB-105EX includes 10 TrueType fonts:

PostScript name	Mac OS menu name	Windows menu name, style
Apple-Chancery	Apple Chancery	Apple Chancery
Chicago	Chicago	Chicago
Geneva	Geneva	Geneva
HoeferText-Black	Hoefer Text Black	Hoefer Text Black
HoeferText-BlackItalic	Hoefer Text Black	Hoefer Text Black, Italic
HoeferText-Italic	Hoefer Text	Hoefer Text, Italic
HoeferText-Regular	Hoefer Text	Hoefer Text
Monaco	Monaco	Monaco
New York	New York	New York
Wingdings-Regular	Wingdings	Wingdings

PCL printer fonts

The following 81 PCL fonts are resident on the Fiery:

- Albertus Medium, Albertus Extra Bold
- Antique Olive, Antique Olive Bold, Antique Olive Italic
- Arial, Arial Bold, Arial Italic, Arial Bold Italic
- CG Omega, CG Omega Bold, CG Omega Italic, CG Omega Bold Italic, CG Times, CG Times Bold, CG Times Italic, CG Times Bold Italic
- Clarendon Condensed

- Coronet
- Courier, Courier Bold, Courier Italic, Courier Bold Italic, CourierPS, CourierPS Bold, CourierPS Oblique, CourierPS Bold Oblique
- Garamond Antiqua, Garamond Halbfett, Garamond Kursiv, Garamond Kursiv Halbfett
- Helvetica, Helvetica Bold, Helvetica Oblique, Helvetica Bold Oblique, Helvetica Narrow, Helvetica Narrow Oblique, Helvetica Narrow Bold, Helvetica Narrow Bold Oblique
- ITC Avant Garde Gothic Book, ITC Avant Garde Gothic Demi, ITC Avant Garde Gothic Book Oblique, ITC Avant Garde Gothic Demi Oblique, ITC Bookman Light, ITC Bookman Demi, ITC Bookman Light Italic, ITC Bookman Demi Italic, ITC Zapf Chancery Medium Italic, ITC Zapf Dingbats
- Letter Gothic, Letter Gothic Bold, Letter Gothic Italic
- Line Printer (a bitmap font)
- Marigold
- New Century Schoolbook Roman, New Century Schoolbook Bold, New Century Schoolbook Italic, New Century Schoolbook Bold Italic
- Palatino Roman, Palatino Bold, Palatino Italic, Palatino Bold Italic
- Symbol, SymbolPS
- Times New, Times New Bold, Times New Italic, Times New Bold Italic, Times Roman, Times Bold, Times Italic, Times Bold Italic
- Univers Medium, Univers Bold, Univers Italic, Univers Bold Italic, Univers Medium Condensed, Univers Bold Condensed, Univers Medium Condensed Italic, Univers Bold Condensed Italic
- Wingdings



Appendix C: Troubleshooting

This appendix provides troubleshooting tips.

Maintaining optimal system performance

The EB-105EX does not require maintenance. Beyond the routine requirements of servicing and maintaining the copier and replenishing consumables, you can improve the overall performance of your system by doing the following:

- Check job ticket information carefully before printing.

Print jobs with the same output and paper specifications together, to minimize paper changes. Also, print routine jobs while you prepare to print jobs with special instructions or special media.

- Reduce unnecessary server connections to Command WorkStation.

If you use a second or third EB-105EX on an occasional basis, you can improve performance by logging off when those systems that are not in use.

- Avoid printing with the EB-105EX “Disk full” warning.

If you see this warning, delete jobs that are not likely to be reused. Avoid this condition by deleting old jobs on a regular basis. The date associated with a job is the original date it was sent.

Troubleshooting

This section provides some troubleshooting guidelines should a problem arise. If you cannot resolve a problem after referring to this section, contact your site operator or administrator. Also, make sure there are no applications installed on the EB-105EX, with the exception of the EB-105EX utilities from the User Software CD. Applications other than the EB-105EX utilities are not supported and can cause system problems.



General printing problems

If this happens	Try this
You cannot select or view one of the queues.	• Request that your system administrator enable the queue in Setup.
You cannot connect to the EB-105EX from a Windows computer with Command WorkStation or the Fiery utilities.	• Make sure the connection is configured correctly. For instructions, see the <i>User Software Installation Guide</i>.
Printing seems to take too long.	• Print to a queue instead of to the Direct connection. When you print to a queue, the job is stored on the EB-105EX until it can be processed and printed; when you print to the Direct connection, the job cannot be sent to the EB-105EX until the previous job is finished processing, so you must wait longer to use your computer.
One or more Media Type options are dimmed.	• Select an Input Tray that supports the Media Type you are using. For information on requirements and constraints pertaining to special papers and transparencies, see Appendix A.



If this happens	Try this
The EB-105EX does not respond to a Print command.	• Make sure the copier was not disconnected. If the administrator or operator has selected Suspend Printing on the copier operation panel or Command WorkStation to interrupt printing, your print job will not resume until someone selects Resume Printing from the Functions menu on the copier operation panel or clicks the function key on Command WorkStation. • Make sure the EB-105EX is selected as the current copier. Before printing, you must select the EB-105EX as the current printer from your Windows computer, Mac OS computer, or UNIX workstation. • Make sure the copier is switched on. Someone may have turned the copier off, or the Power Saver mode function may have engaged. Even with the copier off, the EB-105EX appears in the Chooser as long as the EB-105EX itself is turned on. • If you are printing over an IPX (Novell) network, verify through the PCONSOLE utility that the job was sent to the Novell queue and that the queue is being used by the EB-105EX. • Make sure the job does not contain a PostScript error. Contact the operator, or use Fiery WebSpooler or Fiery Spooler to check job status. In Fiery WebSpooler or Fiery Spooler, a job containing a PostScript error appears in red. To obtain information on the PostScript error, make sure the Print to PS Error option is set to Yes in EB-105EX Setup. For more information, see the Configuration Guide.
You cannot print with QuarkXPress 3.32 using the PSPrinter 8.7.2 driver on a Mac OS computer.	• Remove the file called Balloon Help from your QuarkXPress application folder and restart QuarkXPress.



Problems with print quality

If this happens	Try this
Print settings for your job output do not match the settings you gave.	• Make sure you did not override the settings for the job in another place. For information about options and overrides, see Appendix A.
You have poor printing results.	• Check if your application requires one of the EB-105EX's printer description files. Your application may require the EB-105EX PPD. If you print from Adobe PageMaker, make sure the EB-105EX PPD is installed correctly. For information about installing this file, see the User Software Installation Guide.
QuickDraw fill patterns print as solids.	• Use the Adobe PostScript Printer driver (or the Apple LaserWriter 8.3 or later printer driver).

Problems with Fiery Downloader

If this happens	Try this
General problems	• Make sure you are using the latest version. If you are updating your EB-105EX to new system software, delete the previous version of Fiery Downloader from your Windows or Mac OS computer and install the latest version to ensure full compatibility. • Make sure the connection is configured correctly. For instructions, see the User Software Installation Guide.



If this happens	Try this
You cannot print an EPS file using Fiery Downloader.	• Try printing using the ‘showpage’ after EPS files (Windows) or ‘showpage’ (Mac OS) option in the Download PostScript File dialog box. This option adds a showpage PostScript language command at the end of the print job. Certain applications omit this necessary command when they generate EPS files. You must select the Append Showpage option when printing EPS files generated by these applications. If you continue having difficulties printing an EPS file with Fiery Downloader, try printing the file from the application in which it was created. • Make sure the EPS file was saved <i>without</i> a preview image header. Preview image headers are useful when images are placed in documents with page layout applications, but they cause problems when images are downloaded directly. • Make sure the job does not contain a PostScript error. Contact the operator or use Command WorkStation, Fiery WebSpooler, or Fiery Spooler to check the job’s status. Jobs with a PostScript error appear with an Error icon.
You have problems downloading a font with Fiery Downloader.	• Check with the administrator to make sure that the Direct connection is enabled. The Direct connection must be used to download fonts.
An extra blank page prints after a Fiery Downloader job.	• Turn off the ‘showpage’ after EPS files (Windows) or ‘showpage’ (Mac OS) option. This option adds a special PostScript command that will cause an extra blank page to print if it is not necessary.



Problems with scanning

If this happens	Try this
The original to be scanned gets jammed in the ADF.	• If your scan job is simplex and you want to continue the scan, follow these steps: 1. Remove the original from the ADF and the platen glass. 2. Replace the sheets from the ADF back into the ADF. Leave the sheets from the platen glass on the side. The scan continues automatically. • If your scan job is simplex or duplex, or if you want to restart the scan, follow these steps: 1. Remove the original from the ADF and the platen glass. 2. Press Menu/Cancel on the copier operation panel. 3. Set the original in the ADF again. 4. Follow the scanning procedure described in page 6-3.

Problems with Fiery Remote Scan

If this happens	Try this
Fiery Remote Scan does not display.	• Remove and reinstall Fiery Remote Scan

Problems with Fiery WebTools

If this happens	Try this
General problems	• Clear the cache (Netscape Communicator) or history (Microsoft Internet Explorer).
You cannot launch Fiery WebTools from Windows XP.	• Install the msjvax86.exe file from the JavaVM folder on the User Software CD.

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