



EFI Fiery® Color Server for Xerox DocuColor 242/252/260



Print Options

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INTRODUCTION





This document provides a description of print options for the EFI Fiery Color Server for Xerox DocuColor 242/252/260.



For information about supported operating systems and system requirements, see [Welcome](#).

Terminology and conventions

This document uses the following terminology and conventions.

Term or convention	Refers to
Aero	Fiery Color Server (in illustrations and examples)
Copier	DocuColor 242/252 and DocuColor 260
Fiery Color Server	EFI Fiery Color Server for Xerox DocuColor 242/252/260
Mac OS	Apple Mac OS X
Titles in <i>italics</i>	Other documents in this set
Windows	Microsoft Windows 2000, Windows XP, Windows Server 2003
	Topics for which additional information is available by starting Help in the software
	Tips and information
	Important information
	Important information about issues that can result in physical harm to you or others

About this document

This document covers the following topics:

- Information about printer drivers, printer description files, and setting Fiery Color Server print options
- Brief explanations of each print option, default settings, and any constraints or requirements
- Additional details about specific print options

PRINT OPTIONS OVERVIEW

This chapter describes printer drivers and printer description (PPD/PDD) files, Fiery Color Server print options, and locations for setting print options.

About printer drivers and printer description files

The Fiery Color Server receives files from computers on the network, processes (RIPs) the files, and then sends them to the copier. Windows and Mac OS computers communicate with the Fiery Color Server by means of a printer driver and PPD (PostScript Printer Description) files. Windows computers can also communicate with the Fiery Color Server by means of a Printer Control Language (PCL) printer driver and PDD files (PCL's equivalent of PPD files). Both drivers enable you to use special features of the Fiery Color Server 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 set, and then translates all information into Adobe PostScript or PCL, languages the printer understands. In other words, the printer driver writes a PostScript or PCL 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/PDD file for your Fiery Color Server. A PPD/PDD 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 the PPD/PDD file and presents the information to you in the form of options you select in the Print dialog box. The PPD/PDD file for the Fiery Color Server includes information about the features of both the copier and the Fiery Color Server. For information about the specific print options for the Fiery Color Server, see the table that begins on [page 10](#).

About Print options

Print options give you access to the special features of your copier and Fiery Color Server. Print options can be specified in several places—in Fiery Color Server Setup, or from the printing application, ColorWise Pro Tools, Hot Folders, or Command WorkStation.

Print option override hierarchy

The override hierarchy is as follows:

- A user's printer driver settings override the Fiery Color Server Setup and ColorWise Pro Tools settings.
- Settings made to Hot Folders override the user's printer driver settings.
- Settings made from Command WorkStation override the user's printer driver settings.

Setting print options

- During Setup

Some settings are specified during Setup by the administrator. For information about 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 Windows applications, see [Printing from Windows](#). For information about specifying job settings from Mac OS applications, see [Printing from Mac OS](#).

- From ColorWise Pro Tools

You can set the default CMYK Simulation Profile, CMYK Simulation Method, RGB Source Profile, RGB Separation, Output Profile, Rendering Style, Spot Color Matching, Black Text/Graphics, Black Overprint, and Print Gray Using Black Only settings from ColorWise Pro Tools.

For more information about using ColorWise Pro Tools, see [Color Printing](#).

- From Hot Folders

Assign a group of print options to a Hot Folder. When you specify print options for a Hot Folder, the print options are assigned to all jobs sent through that Hot Folder. These print options override any default options.

For more information, see Hot Folders Help.



- Overrides from Command WorkStation

To change job settings from Command WorkStation, double-click a job to display the Properties dialog box.



For more information about using Command WorkStation, see Command WorkStation Help.

PRINT OPTIONS

This chapter explains each print option, default setting, location of the print option in the printer driver, and any constraints or requirements. It also provides additional detail about specific print options, beginning on [page 27](#).

Print options and settings

In the following table, underlined settings in the Option and settings column indicate default printer driver settings (PPD/PDD defaults). If you do not use the printer driver interface to configure a particular option, the Fiery Color Server prints the job with the underlined default setting.

The Printer driver location column lists where to find the print option in the Fiery Color Server Windows 2000/XP printer driver. To locate the same panes in the Fiery Color Server Mac OS X driver, select either ColorWise (for color print options and expert color settings) or Printer Features, which allows you to select various panes (Job Info, Layout, Media, and so on) from the Feature Sets sub-menu.



In the Fiery Color Server printer driver, the Basic pane allows you to customize the printer driver using shortcuts (up to 16) for frequently used print options. To add shortcuts to the Basic pane, select Customize (located in the upper-right corner), highlight the print option, and choose Add or Remove. To reposition shortcuts on the Basic pane, highlight the print option and select Move Up or Move Down.

For options that you configure in Command WorkStation, WebSetup, or ColorWise Pro Tools, choosing Printer's default results in the Fiery Color Server printing the job with the setting you specified in Setup. For options that cannot be configured in Setup, the Fiery Color Server prints the job with a preconfigured Printer's default setting. For more information, see the Requirements, constraints, and information column in the table.

To determine the current Setup defaults, print the Configuration page from Command WorkStation. For information on printing a Configuration page, see [Configuration and Setup](#).

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
2-Color Print Mapping <u>Off/On</u>	ColorWise	Specify if you want to replace spot colors with generic colors when you are creating a print job.	For more information, see Graphic Arts Package . NOTE: This option is not available for PCL printing.
Auto Trapping <u>Printer's default/On/Off</u>	ColorWise	Use this option to ensure the proper fit and registration of adjacent colors. Specify On to automatically trap text and graphics.	For more information, see page 27 . NOTE: This option is not available for PCL printing.
Black Overprint <u>Off/</u> <u>Text/</u> <u>Text/Graphics</u>	ColorWise	Specify the type of black overprint style, which determines whether black text overprints colored backgrounds. Select Text to overprint black text. Select Text/Graphics to overprint black text and graphics.	For Windows, select Expert Settings (ColorWise tab) to access this option. If this option is set to Text or Text/Graphics, you must set the Combine Separations option to Off. To select this setting, you must enable Black Text/Graphics. For more information, see Color Printing . NOTE: This option is not available for PCL printing.
Black Text/Graphics <u>Pure Black On/Rich Black On/Normal</u>	ColorWise	Select Normal to print black text and graphics as a four-color processed black using C, M, Y, and K toner, and to use normal PostScript rendering. Select Pure Black On to print black text and graphics as a one-color black, using 100% black toner only. Select Rich Black On to print black text and graphics as a richer looking black, using 100% black toner only and a small amount of Cyan, to make the black even darker.	For Windows, select Expert Settings (ColorWise tab) to access this option. For more information, see Color Printing . NOTE: This option is not available for PCL printing.
Booklet Maker <u>None/Saddle/Saddle (Right Binding)/</u> <u>Perfect/Perfect (Right Binding)/</u> <u>Gang Up - Speed Print/</u> <u>Gang Up - Double Print</u>	Layout	Specify how you want pages of your job arranged in special booklet layouts for folding or cutting after printing.	For more information, see page 27 .

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
Booklet Maker: Back Cover <u>None</u> /Print on Front/Print on Back/ Print on Both/Blank Front and Back	Layout	<p>Specify if you want to print a back cover at the end of your print job.</p> <p>Select Print on Front if you want to print only on the front of the back cover.</p> <p>Select Print on Back if you want to print only on the back of the back cover.</p> <p>Select Print on Both if you want to print on the back and the front of the back cover.</p> <p>Select Blank Front and Back if you want a blank back cover.</p>	<p>NOTE: This option is available when using the Booklet Maker print option. To define covers for non-booklet print jobs, use the Mixed Media feature. For information on Mixed Media, see Utilities.</p> <p>For information on Booklet Maker, see page 27.</p>
Booklet Maker: Cover Source <u>Same as Job</u> /Tray 1/Tray 2/Tray 3/ Tray 4/Tray 5 (Bypass)/Tray 6/ Tray 6 (Oversized)/Tray 8 (Inserter)	Layout	<p>Specify a tray to use for the front or back cover for booklet printing.</p>	<p>NOTE: This option is available when using the Booklet Maker print option. To define covers for non-booklet print jobs, use the Mixed Media feature. For information on Mixed Media, see Utilities.</p> <p>For information on Booklet Maker, see page 27.</p>
Booklet Maker: Front Cover <u>None</u> /Print on Front/Print on Back/ Print on Both/Blank Front and Back	Layout	<p>Specify if you want to print a front cover at the beginning of your booklet print job.</p> <p>Specify Print on Front if you want to print on only the front of the front cover.</p> <p>Specify Print on Back if you want to print on only the back of the front cover.</p> <p>Specify Print on Both if you want to print on the back and the front of the front cover.</p> <p>Specify Blank Front and Back if you want a blank front cover.</p>	<p>NOTE: This option is available when using the Booklet Maker print option. To define covers for non-booklet print jobs, use the Mixed Media feature. For information on Mixed Media, see Utilities.</p> <p>For more information on Booklet Maker, see page 27.</p>
Brightness 85% Lightest/90% Lighter/ 95% Light/ <u>100% Normal</u> / 105% Dark/110% Darker/ 115% Darkest	Image	<p>Select 85% for a substantially lighter image, 115% for a substantially darker image, or use one of the settings in between.</p>	<p>NOTE: This option is not available for PCL printing.</p>

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
Centering Adjustment <u>XY Centering</u> /Bottom X Centering	Layout	Specify how you want images positioned on the page (relative to X- and Y-axes) when printing booklets.	For more information, see page 33 . NOTE: This option is only available with the Booklet Maker print option enabled. NOTE: This option is not available for PCL printing.
CMYK Simulation Method <u>Quick/Full (Source GCR)</u> / <u>Full (Output GCR)</u>	ColorWise	Select Quick to use one-dimensional transfer curves to adjust density output of individual color channels. Select Full (Source GCR) for a more complete and accurate simulation. Full (Source GCR) applies colorimetric transformations that adjust hue as well as output density. This option produces output that maintains the same amount of black as the source document. Select Full (Output GCR) to apply the same simulation method as Full (Source GCR), except that the output produced contains an amount of black determined by the Output Profile.	For Windows, select Expert Settings (ColorWise tab) to access this option. For more information, see Color Printing . NOTE: This option is not available for PCL printing.
CMYK Simulation Profile <u>None/DIC/Euroscale/ISO Coated</u> / <u>ISO Uncoated/JMPA ver.2 (EFI)</u> / <u>Japan Color 2001 type 1 (EFI)</u> / <u>SWOP-Coated/TOYO Offset Coated 2.0</u> / <u>Simulation 1-10/ColorWise OFF</u>	ColorWise	Specify the simulation goal to use for the current print job.	For Windows, select Expert Settings (ColorWise tab) to access this option. For more information, see Color Printing . NOTE: This option is not available for PCL printing.
Collate <u>Off/On</u>	Finishing	Specify how to output multiple-page/multiple-copy jobs.	
Color Mode <u>CMYK/Grayscale</u> (Windows PCL driver) OR Print Mode <u>Standard Color/Expert Color/Grayscale</u> (Windows PostScript printer drivers and Mac OS X printer driver)	ColorWise	Specify the color mode for the current print job. Select CMYK, Standard Color, or Expert Color for a full-color document. Select Grayscale for a grayscale or black-and-white document. Select Expert Settings to set expert color print options, including Black Overprint, Print Gray using Black Only, and Black Text/Graphics.	For more information, see Color Printing .

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
Combine Separations <u>On/Off</u>	ColorWise	<p>When printing separations from supported desktop publishing applications:</p> <p>Specify On to combine separations on a single page. The result is one page of overprinted colors that simulates printing on a press from film separations.</p> <p>Specify Off to view separations as four individual black-and-white pages, each representing one color plate.</p>	<p>For more information, see Color Printing.</p> <p>NOTE: This option is not available for PCL printing.</p>
Composite Overprint <u>On/Off</u>	ColorWise	<p>Specify how to print the colors of overlapping images.</p> <p>Specify On to print a combination of background and foreground colors where objects overlap.</p> <p>Specify Off to hide the background object where images overlap.</p>	<p>By default, applications are typically set to knock out overlapping objects/text. To overprint, you must change the settings in the <i>source</i> application.</p> <p>For more information, see Color Printing.</p>
Control Bar <u>Printer's default/On/Off</u>	Job Info	Specify On to print a Control Bar (for print job identification) in the margin.	NOTE: This option is not available for PCL printing.
Copies <u>1-9999</u>	Job Info	Specify the number of copies of a job you want to print.	
Creep Adjustment <u>None/Normal/Thick</u>	Layout	Creep occurs when booklets have a large number of pages or are printed on heavy media. Use this option to adjust images that may shift from the center of the sheet in booklets.	<p>For more information, see page 34.</p> <p>NOTE: This option is only available with the Booklet Maker print option enabled.</p>
Define Record length	VDP	This feature allows you to process a PDF or PostScript file like a variable data print job, and to apply record-based finishing.	<p>This option is used in connection with the Pages Per Record option.</p> <p>For more information, see Variable Data Printing.</p>
Duplex <u>Off/Top-Top/Top-Bottom</u>	Layout	Specify whether a job is printed single-sided or double-sided (duplex), by specifying the orientation of printed pages.	For more information, see page 35 .

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
Face-Down Printing <u>Printer's default</u> /Face Up/Face Down	Finishing	Select Face Up to print your document on the top of the sheet of paper. Select Face Down to print your document on the bottom of the sheet of paper (the document outputs from the copier with the text facing down).	
Fasten Mode <u>Off</u> /Fold & Staple/Folding Only	Layout	Specify if you want your job stapled and folded or just folded.	For information on installing finishers, see Printing from Windows or Printing from Mac OS .
File Search Path	VDP	Some PPML and other types of jobs do not contain all of the variable data job resources in a single file. In these cases, on a job per job basis, specify the location of the variable data job external resources so that the Fiery Color Server can access them.	For more information, see Variable Data Printing .
FreeForm: Create Master <u>None</u> /1-100	VDP	To create a FreeForm master from your job, specify a number to assign to the FreeForm master file.	For more information, see Variable Data Printing . Enabling “Two-way Communication” allows you to select from 16–100 FreeForm Masters. For information on establishing Two-way Communication, see Printing from Windows and Printing from Mac OS . For information on creating FreeForm masters in Command WorkStation, see Command WorkStation Help. NOTE: This option is not available for PCL printing.
FreeForm: Preview Master Click to preview	VDP	Click to generate a low-resolution image of the selected FreeForm Master.	This option is selectable only if you first enable Use Master. For more information, see Variable Data Printing . NOTE: This option is not available for PCL printing.

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
FreeForm: Use Master <u>None</u> /1-100	VDP	For variable data print jobs, specify the FreeForm master to use for the job.	For more information, see Variable Data Printing . Enabling “Two-way Communication” allows you to select from 16–100 FreeForm Masters. For information on establishing Two-way Communication, see Printing from Windows and Printing from Mac OS . For information about using FreeForm masters in Command WorkStation, see Command WorkStation Help. NOTE: This option is not available for PCL printing.
Gloss Level <u>Off</u> /On	Image	Specify On if you want to gloss the image to print like a photograph.	
Halftone Simulation <u>Off</u> /Application Defined/Newsprint/ User Defined Screen1/User Defined Screen2/User Defined Screen3	Image	Specify a halftone screening method for your print job. Select Application Defined to use the screening set by the application. Select Newsprint if you want a look similar to that of a newspaper. Select User Defined 1-3 to use the screening set by the Fiery Color Server.	For more information, see Graphic Arts Package . The User Defined Screen 1-3 settings reflect the setting specified in Fiery Color Server Setup. NOTE: This option is not available for PCL printing.
Hole Punching <u>Off</u> /2 Holes/3 Holes/4 Holes	Finishing	Specify if you want to punch two, three, or four holes. (Use the separate Punch Position option to specify <i>position</i> of holes.)	
Image Quality <u>Normal</u> /Best	Image	Specify the type of image quality for the print job. The image quality affects the quality and fineness of images in the job.	NOTE: This option is not available for PCL printing.
Image Shift <u>Off</u> /On	Finishing	Specify On to adjust an image on the page for duplex printing and to allow for finishing options, such as stapling or punching.	For more information, see page 40 .
Image Shift: Align front/back images <u>Off</u> /On	Finishing	Specify On to align the front cover image to the back cover image when using Image Shift.	For more information, see page 40 .
Image Shift: Units inches/ <u>mm</u> /points	Finishing	Specify the measurement values when using Image Shift.	For more information, see page 40 .

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
Image Smoothing <u>Off</u> /On	Image	Select On to minimize grainy output when printing low-resolution images. When you select On, Image Smoothing is enforced on all images.	NOTE: This option is not available for PCL printing.
Imposition Reduction <u>Off</u> /On	Layout	Use this option to scale the page content of booklet print jobs to maximize paper usage and to ensure that all page content appears. Specify Off if you do not want the page content to be scaled. If you select Off, you may notice unwanted clipping. Specify On when the original document size is to be printed on the same paper size by reducing the imageable area by up to one half.	NOTE: This option is only available when the Booklet Maker option is enabled. For more information about Booklet Maker, see page 27 . If Imposition Reduction is set to Off, make sure you select the <i>actual</i> print size of your document output using the Print Size option. NOTE: This option is not available for PCL printing.
Instructions	Job Info	Type instructions for the operator about the job.	This field has a 127-character (alphanumeric and special characters) limit.
Manual Duplex <u>Off</u> /On	Layout	Specify On if you want to manually load duplex pages in the bypass tray.	For more information, see page 36 .
Media Quality Coated 1 <u>Use Machine Settings</u> / Coated 1A (105-128 gsm)/ Coated 1B (129-176 gsm)	Media	Specify a media quality for the Coated 1 media setting. Select Use Machine Settings to use the media that is set in the copier.	For detailed information about media classifications, see the documentation that accompanies the copier.
Media Quality Custom 1-5 <u>Use Machine Settings</u> / Plain A (64-80 gsm)/ Plain B (81-105 gsm)/Plain C/ Plain-Special 1/Plain-Special 2/ Recycled A (64-80 gsm)/ Recycled B (81-105 gsm)	Media	Specify a media quality for the Custom 1–5 media settings. Select Use Machine Settings to use the media that is set in the copier.	For detailed information about media classifications, see the documentation that accompanies the copier.
Media Quality Heavyweight 1 <u>Use Machine Settings</u> / Heavyweight 1A (105-128 gsm)/ Heavyweight 1B (129-176 gsm)/ Heavyweight 1-Special 1/ Heavyweight 1-Special 2	Media	Specify a media quality for Heavyweight Paper 1 media setting. Select Use Machine Settings to use the media that is set in the copier.	For detailed information about media classifications, see the documentation that accompanies the copier.

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
Media Quality Heavyweight 2 <u>Use Machine Settings/</u> Heavyweight 2A/Heavyweight 2B/ Heavyweight 2C/Heavyweight 2D/ Heavyweight 2E-Envelope/ Heavyweight 2-Special 1/ Heavyweight 2-Special 2	Media	Specify a media quality for Heavyweight Paper 2 media setting. Select Use Machine Settings to use the media that is set in the copier.	For detailed information about media classifications, see the documentation that accompanies the copier.
Media Quality Plain <u>Use Machine Settings/</u> Plain A (64-80 gsm)/ Plain B (81-105 gsm)/Plain C/ Plain-Special 1/Plain-Special 2/ Recycled A (64-80 gsm)/ Recycled B (81-105 gsm)	Media	Specify a media quality for the Plain paper media setting. Select Use Machine Settings to use the media that is set in the copier.	For detailed information about media classifications, see the documentation that accompanies the copier.
Media Quality Recycled <u>Use Machine Settings/</u> Plain A (64-80 gsm)/ Plain B (81-105 gsm)/Plain C/ Plain-Special 1/Plain-Special 2/ Recycled A (64-80 gsm)/ Recycled B (81-105 gsm)	Media	Specify a media quality for Recycled paper media setting. Select Use Machine Settings to use the media that is set in the copier.	For detailed information about media classifications, see the documentation that accompanies the copier.
Media Type <u>Use Machine Settings/</u> Plain (64-105 gsm)/ Plain (Side 2)(64-105 gsm)/ Labels 1 (106-176gsm)/ Labels 2 (177-220 gsm)/ Recycled (64-105 gsm)/ Coated 1 (106-176 gsm)/ Coated 1 (Side 2)(106-176 gsm)/ Coated 2 (177-220 gsm)/ Coated 2 (Side 2) (177-220 gsm)/ Coated 3 (221-280 gsm)/ Coated 3 (Side 2)(221-280 gsm)/ Heavyweight 1 (106-176 gsm)/ Heavyweight 1 (Side 2)(106-176 gsm)/ Heavyweight 2 (177-220 gsm)/ Heavyweight 2 (Side 2)(177-220 gsm)/ Heavyweight 3 (221-300 gsm)/ Heavyweight 3 (Side 2)(221-300 gsm)/ Hole Punched (64-105 gsm)/ Tab Stock 1 (106-176 gsm)/ Tab Stock 2 (177-280 gsm)/ Custom 1-Custom 5 (64-98 gsm) Transparency/ Transfer paper	Media	Select the media type on which to print the document. Select Use Machine Settings to use the media that is set in the copier. The “Side 2” settings automatically adjust the fuser temperature for the second side when duplex printing.	You may use the various Media Quality options to further classify specific media types for frequent use and for Mixed Media printing.

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
Mirror <u>Off</u> /On	Layout	Specify On to print the mirror image of your print job (from right to left).	NOTE: This option is not available for PCL printing.
Mixed Media <u>Define</u>	Media	Click Define to specify the media types used for specific pages, or ranges of pages, or for printing front and back covers on special media.	NOTE: This option is not available for PCL printing. For more information about Mixed Media, see Utilities .
N-up layout <u>1-up</u> /2-up/4-up/6-up/9-up/16-up	Layout	Specify a page layout for the job.	
Notes 1/Notes 2	Job Info	Enter information about the job.	The Notes field has a 31-character limit.
Offset Mode <u>Printer's default</u> /On/Off	Finishing	Select this option to offset the job.	
Orientation <u>Portrait</u> /Landscape	Layout	Specify Portrait or Landscape page orientation of the document.	
Output Profile <u>Use Media Defined Profile</u> /Use Server's Default/Use Output Profile: Output-1/ Output-2/Output-3/Output-4/ Output-5/Output-6/Output-7/ Output-8/Output-9/Output-10	ColorWise	Specify the output profile to use for the job. Select Use Media Defined Profile to automatically use the media type profile assigned to a print job. Select Use Server's Default to use the default Output Profile set in Color Setup. Select Use Output Profile to use custom profiles available from the pull-down menu.	For Windows, select Expert Settings (ColorWise tab) to access this option. For more information, see Color Printing . NOTE: This option is not available for PCL printing.
Output Tray <u>AutoSelect</u> /OCT/Finisher Top Tray/ Finisher Stacker Tray/ Booklet Output Tray/ Tri-Fold Output Tray	Finishing	Specify the output bin for the job.	For information about installing optional finishers and trays, see Printing from Windows or Printing from Mac OS .
Page Size <u>8.5x11 LEF</u> /8.5x11 SEF/A4 LEF/A4 SEF/ A5 LEF/A5 SEF/B5 LEF/B5 SEF/ 9x11 LEF/A4 Cover LEF/8.5x13 SEF/ 8.5x14 SEF/B4 SEF/A3 SEF/11x17 SEF/ 12x18 SEF/SRA3 SEF/13x19 SEF/4x6 SEF/5x7 SEF/PostScript Custom Page Size (PS)/Custom (PCL)	Media	Specify the paper size on which to print the document. If the document's page size is different from the selected page size, the document is scaled and printed at the specified Paper size. LEF stands for Long Edge Feed; SEF stands for Short Edge Feed.	For information about Custom page sizes, see Printing from Windows or Printing from Mac OS .

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
Pages Per Record <u>0</u> /0-999	VDP	Use this option to define record-based (rather than job-based) finishing, based on the number entered.	This option is used with the Define Record Length option. For more information, see Variable Data Printing .
Paper Catalog <u>Select Media</u>	Media	Click Select Media to access the Paper Catalog utility, which retrieves all paper information from the copier.	You can also access Paper Catalog via Command WorkStation job properties. For more information, see Utilities and the Paper Catalog online help. NOTE: This option is not available for PCL printing.
Paper Simulation <u>Off</u> /On	ColorWise	Specify On to adjust the color according to the shade of the paper stock used as printable CMYK values in the output color space.	For more information, see Graphic Arts Package .
Paper Source <u>AutoSelect</u> /Tray 1/Tray 2/Tray 3/ Tray 4/Tray 5 (Bypass)/Tray 6/ Tray 6 (Oversized)/Tray 8 (Inserter)	Media	Specify the paper tray to use for the job. AutoSelect automatically selects the tray containing the paper size specified for the job. Trays 1–4 and Tray 6 are used to print using the Media Quality selected from the copier. Tray 5 (Bypass) is used to print using the Media Quality selected from the printer driver. Tray 6 (Oversized) is used for large size print jobs. Tray 8 (Inserter) is typically used to insert blank or pre-printed pages that do not pass through the copier's fuser.	To use Tray 6 and Tray 6 (Oversized), these options must first be installed. To use Tray 8 (Inserter), the Light Production Finisher option must be installed. For information on installing optional trays and finishers, see Printing from Windows or Printing from Mac OS .
Postflight <u>Off</u> /Detailed Report/Concise Report/ Test Page/Color-coded Pages	Job Info	Specify whether or not you want to use the Postflight feature, a diagnostic tool that allows you to analyze how data is processed by the Fiery Color Server.	For more information, see Graphic Arts Package . NOTE: This option is not available for PCL printing.

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
Print Gray using black only (CMYK) <u>Off</u> / Text/Graphics/ <u>Text/Graphics/Images</u>	ColorWise	<p>Select these settings to print a CMYK job using black toner instead of processed black.</p> <p>Select Text/Graphics to render text and graphic elements (vectors) in grayscale using black only, when cyan=0, magenta=0, and yellow=0 and the black (K) value is between 1 and 100.</p> <p>Select Text/Graphics/Images to render text, graphic elements (vectors), and images (rasters) in grayscale using black only, when cyan=0, magenta=0, and yellow=0 and the black (K) value is between 1 and 100.</p>	<p>This option is designed to use toner efficiently, by using only black toner (rather than four-color processed black), and to reduce click charges (a single black-and-white charge is incurred, instead of four color, as when using a processed black).</p> <p>For Windows, select Expert Settings (ColorWise tab) to access this option.</p> <p>For more information, see Color Printing.</p>
Print Gray using black only (RGB) <u>Off</u> / Text/Graphics/ <u>Text/Graphics/Images</u>	ColorWise	<p>Select these settings to print an RGB job using black toner instead of processed black.</p> <p>Select Text/Graphics to render text and graphic elements (vectors) in grayscale using black only, rather than processed black, when the colors are defined with equal values in all three channels, for example red=128, green=128, and blue=128.</p> <p>Select Text/Graphics/Images to render text, graphics (vectors), and images (rasters) in grayscale using black only, when the colors are defined with equal values in all three channels, for example red=128, green=128, and blue=128.</p> <p>For both settings, RGB values can range from R=0,G=0, B=0 to R=255,G=255, B=255.</p>	<p>This option is designed to use toner efficiently, by using only black toner (rather than four-color processed black), and to reduce click charges (a single black-and-white charge is incurred, instead of four, as when using a processed black).</p> <p>The option is especially useful with PowerPoint and other Microsoft applications, which do not always properly register RGB conversion to grayscale.</p> <p>For Windows, select Expert Settings (ColorWise tab) to access this option.</p> <p>For more information, see Color Printing.</p>
Print Master <u>Printer's default</u> /No/Yes	VDP	<p>When you create a Master page using FreeForm (or other variable data applications), use this option to verify or confirm your Master page.</p> <p>Select Yes to print Master page.</p> <p>NOTE: Applicable click charges occur when you print the Master.</p>	<p>This option is selectable only if Create Master is enabled.</p> <p>For more information, see Variable Data Printing.</p> <p>NOTE: This option is not available for PCL printing.</p>
Print Page Borders <u>Off</u> /On	Layout	Specify On to print page borders, when N-up Layout is set to 2-up or greater.	NOTE: This option is not available for Windows PostScript printing.

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
Print Queue Action <u>Print</u> /Print and Hold/Process and Hold	Job Info	<p>Select Print to send the file directly to printing.</p> <p>Select Print and Hold to save the raster file after printing.</p> <p>Select Process and Hold to RIP (process) the job and not print.</p>	<p>These settings allow for quicker printing and for a “Wait and Proof” function using Command WorkStation or the copier copier touch panel:</p> <p>When a multiple-set job is sent using Print and Hold, a single set of the job is printed and the raster data for the job is held in the queue. You can then proof the initial copy and select the job in the Hold queue, specifying the number of copies that you want to print (without reprocessing data).</p> <p>When you select Process and Hold, the raster data is processed and the job is added to the Hold queue. You can then select the job using Command WorkStation or at the copier (without reprocessing data).</p>
Print Size <u>Same as Document Size</u> /8.5x11 LEF/ 8.5x11 SEF/A4 LEF/A4 SEF/A5 LEF/ A5 SEF/B5 LEF/B5 SEF/9x11 LEF/ A4 Cover LEF/8.5x13 SEF/8.5x14 SEF/ B4 SEF/A3 SEF/11x17 SEF/12x18 SEF/ SRA3 SEF/13x19 SEF/4x6 SEF/5x7 SEF	Media	<p>Use this option to specify the <i>actual</i> print size of your document.</p> <p>LEF stands for Long Edge Feed; SEF stands for Short Edge Feed.</p>	
Print Watermarks: First Page Only On/ <u>Off</u>	Stamping	To print a watermark only on the first page only, specify Print Watermarks: First Page Only.	This option is only available for Windows printer drivers.
Print Watermarks: Transparent On/ <u>Off</u>	Stamping	To print watermarks on transparency stock (PCL only), specify Transparent.	This option is only available for Windows printer drivers.

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
Printer Screen Mode <u>Printer's default</u> /200 Cluster Dot/ 200 Rotated Line/Enhanced Text & Graphics/Enhanced Text	Image	<p>Select a predefined halftone screen to set the dots- or lines-per-inch of the raster used during printing.</p> <p>Select Cluster Dot for Text=200 Dot, Graphics=200 Dot, Image=200 Dot.</p> <p>Select 200 Rotated Line for Text=200 Line, Graphics=200 Line, Image=200 Line.</p> <p>Select Enhanced Text & Graphics for Text=300 Line, Graphics=300 Line, Image=200 Dot.</p> <p>Select Enhanced for Text=300 Line, Graphics=200 Dot, Image=200 Dot.</p>	<p>NOTE: This option is not available for PCL printing.</p>
Progressives <u>Off/On</u>	Job Info	<p>Specify On to enable the Progressives feature, a diagnostic tool used to show toner separations.</p>	<p>This feature uses the Progressives values specified in Color Setup.</p> <p>For more information, see Graphic Arts Package.</p> <p>NOTE: This option is not available for PCL printing.</p>
Punch Position <u>None/Left/Right/Top</u>	Finishing	<p>Specify the hole punch position for the job. (Use the separate Hole Punching option to specify the <i>number</i> of holes.)</p>	
Remove White PPT Background <u>Off/On</u>	VDP	<p>Specify On when using PowerPoint to create variable data in conjunction with FreeForm.</p>	<p>NOTE: This option is not available for PCL printing.</p>
Rendering Style <u>Photographic/Presentation/</u> Relative Colorimetric/ Absolute Colorimetric	ColorWise	<p>Specify a default color rendering dictionary (CRD) to use when you print images, objects, and text.</p> <p>Select Photographic when printing photographs, including scans and digital camera images.</p> <p>Select Presentation when printing artwork and graphs, or for mixed pages containing graphics and photographs.</p> <p>Select Relative Colorimetric when color matching is important, but you prefer white colors to print as paper white.</p> <p>Select Absolute Colorimetric when exact colors are needed and visible borders are not distracting.</p>	<p>For Windows, select Expert Settings (ColorWise tab) to access this option.</p> <p>For more information, see Color Printing.</p>

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
RGB Separation <u>Simulation/Output</u>	ColorWise	Select Simulation for RGB jobs to simulate an output device other than the device to which you are printing. Select Output for RGB jobs you are printing to the final output device.	For Windows, select Expert Settings (ColorWise tab) to access this option. For more information, see Color Printing . NOTE: This option is not available for PCL printing.
RGB Source Profile Fiery RGB v 5/Apple Standard/ sRGB (PC)/Adobe RGB (1998)/ ECI-RGB/EFIRGB/Source 1-10/None	ColorWise	Specify a source color space definition for printing RGB images, objects, and text.	For Windows, select Expert Settings (ColorWise tab) to access this option. For more information, see Color Printing . NOTE: This option is not available for PCL printing.
Rotate 180 <u>On/Off</u>	Layout	Specify if you want to rotate the pages of your job 180 degrees.	
Scale <u>100%/25-400%</u>	Layout	Specify a scaling override for the job.	The supported range is 25 to 400 percent. For more information, see page 41 . NOTE: This option is not available for PCL printing.
Schedule Printing <u>Off/On</u>	Job Info	Specify if you want to perform advance print scheduling based on date and time entered. If enabled, enter date and time to print.	The job is printed based on the date and time set on the Fiery Color Server, not the client workstation. If multiple jobs are scheduled at the same date and time, the job order is based on alphabetical order of file names. NOTE: This option is not available for PCL printing.
Secure Print	Job Info	This feature provides security for sensitive or confidential print jobs. Enter an arbitrary password in the printer driver and re-enter it at the copier touch panel when you are present at the copier.	For more information, see page 41 . For further information, see the documentation that accompanies your copier.
Single Page Folding <u>Off/Single Fold/C Fold/Z Fold/ Z Fold Half Sheet</u>	Finishing	Specify how to fold your single-page print job.	For information about installing finishers, see Printing from Windows or Printing from Mac OS .

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
Slip Sheet <u>On/Off</u>	Media	Specify whether to insert a slip sheet between copies or pages of multiple-copy jobs.	This option is effective only for non-sorted or collated jobs.
Slip Sheet Page Size <u>8 x11 LEF/8.5x11 SEF/A4 LEF/A4 SEF/A5 LEF/A5 SEF/B5 LEF/B5 SEF/9x11 LEF/A4 Cover LEF/8.5x13 SEF/8.5x14 SEF/B4 SEF/A3 SEF/11x17 SEF/12x18 SEF/SRA3 SEF/13x19 SEF/4x6 SEF/5x7 SEF</u>	Media	Specify the slip sheet page size. LEF stands for Long Edge Feed; SEF stands for Short Edge Feed.	
Slip Sheet Paper Source <u>Tray 1/Tray 2/Tray 3/Tray 4/Tray 5 (Bypass)/Tray 6/Tray 6 (Oversized)/Tray 8 (Inserter)</u>	Media	Specify the paper tray to use for the slip sheet.	To use Tray 6 and Tray 6 (Oversized), these options must first be installed. To use Tray 8 (Inserter), the Light Production Finisher option must be installed. For information about installing optional trays and finishers, see Printing from Windows or Printing from Mac OS .
Spot Color Matching <u>On/Off</u>	ColorWise	Select Off to print specified PANTONE colors in your job using the current CMYK Simulation and CMYK Simulation Method. Specify On to activate the PANTONE Lookup Table. The Fiery Color Server prints specified PANTONE colors in your job by matching the CMYK print blend to the same color from the PANTONE library.	For Windows, select Expert Settings (ColorWise tab) to access this option. For more information, see Color Printing . NOTE: This option is not available for PCL printing.
Stapler Mode <u>Off/Left Bottom Single/Right Bottom Single/Left Top Single/Right Top Single/Left Double/Bottom Double/Right Double/Top Double/Bottom Center/Left Center/Right Center/Top Center</u>	Finishing	Specify how to staple multiple-page/multiple copy jobs.	For information about installing optional finishers and trays, see Printing from Windows or Printing from Mac OS .
Substitute Colors <u>Off/On</u>	ColorWise	Specify On to enable use of substitute color values defined in ColorWise Pro Tools Spot-On module.	For more information, see Color Printing . NOTE: This option is not available for PCL printing.
Text/Graphics Edge Enhancement <u>Printer's default/On/Off</u>	Image	Specify if you want to sharpen the edges of text or vector graphics.	NOTE: This option is not available for PCL printing.

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
Text/Graphics Quality <u>Normal</u> /Best	Image	Specify the type of text/graphics quality for the print job. The text/graphics quality affects the quality and fineness of text and graphics in the job.	NOTE: This option is not available for PCL printing.
Transparency Interleaving <u>Off</u> /On	Media	Select On to print multiple transparency sheets separated by blank, plain paper pages.	
Transparency Interleave Paper Source Tray1/Tray 2/Tray 3/Tray 4/ <u>Tray 5 (Bypass)</u> /Tray 6/ Tray 6 (Oversized)/ Tray 8 (Insertion)	Media	Select a paper source tray for transparency interleaving.	To use Tray 6 and Tray 6 (Oversized), these options must first be installed. To use Tray 8 (Insertion), the Light Production Finisher option must be installed. For information about installing optional trays and finishers, see Printing from Windows or Printing from Mac OS .
Tray Alignment <u>Off</u> /On	Media	Specify On to enable the tray alignment feature, which allows you to adjust the placement of text and images on the page so they are correctly aligned for duplex printing.	NOTE: This option is not available for PCL printing. For information about enabling tray alignment, see Utilities .
User Authentication: I'm a Guest On/ <u>Off</u>	Job Info	If User Authentication is enabled, select this option to allow guest printing privileges.	Guest printing must be set to On in the Fiery Color Server. For more information, see page 42 .
User Authentication: Password <i>Enter a password</i>	Job Info	If User Authentication is enabled on the Fiery Color Server, enter User Name and Password to print the job.	If you are logged on to a Windows system, you may automatically use your Windows login, otherwise type the local password or domain password. For Mac OS, select Owner Information and enter login information in the User Name and Password fields. For more information, see page 42 .
User Authentication: Save User Information <u>Off</u> /On	Job Info	Select On to save the user name and password information for subsequent sessions.	For more information, see page 42 .
User Authentication: Use Windows Login <u>On</u> /Off	Job Info	If User Authentication is enabled on the Fiery Color Server, select this option to automatically use your Windows login name and password.	For more information, see page 42 .

Option and settings (default setting is underlined)	Printer driver location	Description	Requirements, constraints, and information
User Authentication: Username <i>Enter a username</i>	Job Info	If User Authentication is enabled on the Fiery Color Server, specify your User Name and Password to print the job.	If you are logged on to a Windows system, you may automatically use your Windows login, or type the local username or domain username. For Mac OS, select Owner Information and enter login information in the User Name and Password fields. For more information, see page 42 .
Watermarks <u>None</u> /CONFIDENTIAL/COPY/DRAFT/ ORIGINAL/TOP SECRET	Stamping	Specify whether to print a standard watermark for your print job. To create your own, select New.	This option is only available for Windows printer drivers. NOTE: To print a watermark only on the first page, use the separate option Print Watermarks: First Page Only.

Additional information

The following sections provide additional information about print options. For more information about the settings, requirements, and constraints in effect for these options, see the table that begins on [page 9](#).

Auto Trapping

Trapping is a technique to print some objects slightly larger or smaller than specified in an application, in order to prevent white edges around the objects. These white edges, or “halos,” can be caused by factors such as misregistration, the physical properties of the toners, and the stiffness of the media. The Auto Trapping feature provides you with advanced trapping settings and gives you full control over their values. For more information, see [Color Printing](#).

Booklet Maker

Use the Booklet Maker feature to arrange the pages of the print job in special layouts for folding or cutting after printing. To define layout and media for covers, use the Booklet Maker Front Cover, Back Cover, and Cover Source options.

To adjust how the image is positioned on the page *relative* to the X (horizontal) and Y (vertical) axes, use the Centering Adjustment option. For information, see [page 33](#).

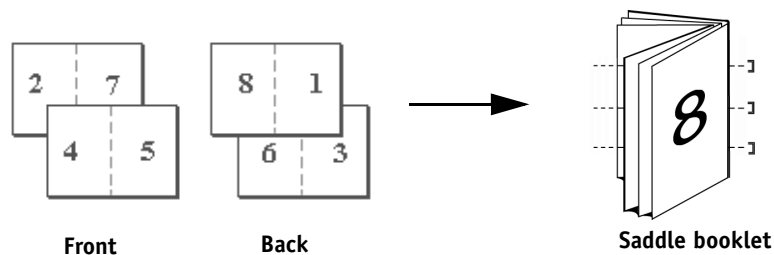
To adjust the image shifting that may occur when booklets contain a large number of pages or are printed on heavy media, use the Creep Adjustment option. For information, see [page 34](#).

NOTE: Custom Paper Sizes are not supported when creating a booklet.

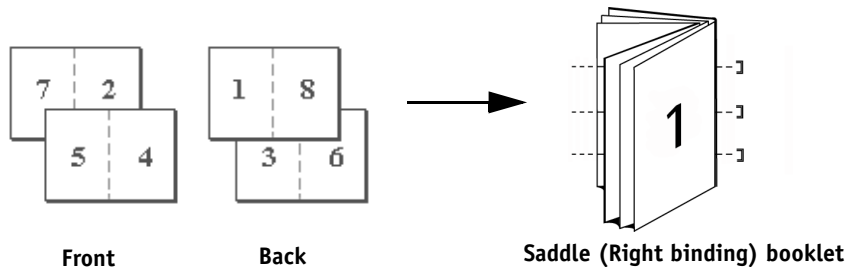
The following booklet layouts are supported:

None: The job is printed without any booklet imposition features.

Saddle: Choose this setting to print entire documents that are folded and stacked in booklet order. Finished pages can be stapled or stitched across the center fold, or spine.

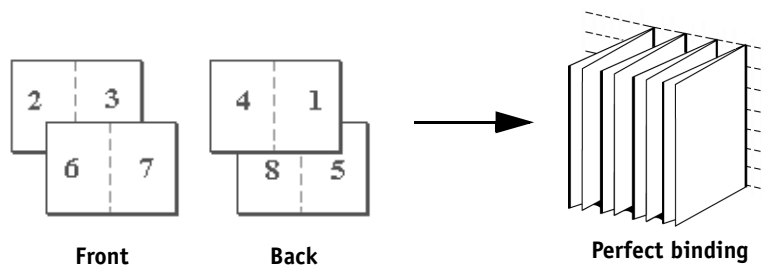


Saddle (Right Binding): This option is the same as Saddle, except that the page order sequence is from right to left.



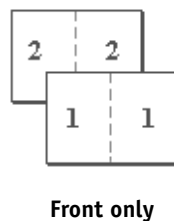
Perfect: Choose this setting to print separate folded pages that are stacked in booklet order. Finished pages are stitched adjacent to one another for trimming or gluing.

Perfect (Right Binding): This option is the same as Perfect, except that the page order sequence is from right to left.

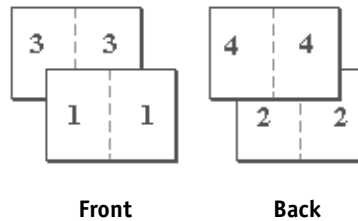


Gang-Up - Double Print: Choose this setting to print a job so that the data on the first page is duplicated on the first sheet. The next sheet duplicates the data on the second page, and so forth. When each of the printed copies is cut in half, the result is two complete sets of the same document.

Single-sided

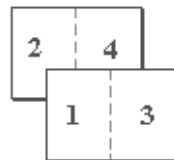


Double-sided (Duplex)



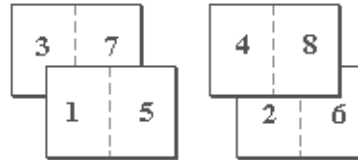
Gang-Up - Speed Print: Choose this setting to speed print a job so that when the sheets are stacked and cut from the central position, the job is numbered in order and separated as two stacks. The order of print is such that when they are cut in half, they can be combined to form a single complete set of the document, in faster printing time.

Single-sided



Front only

Double-sided (Duplex)



Front

Back

Booklet printing

Printing a booklet from Microsoft Word on Windows (PostScript printer driver)

Booklet printing requires that a finisher is installed on the copier and that the printer driver is configured with the installed finisher. For information about configuring installable options, see [Printing from Windows](#).

The following procedure explains how to set the correct print options for printing an 8.5x11 Microsoft Word document as a booklet on 11x17 paper, or for printing an A4 document as a booklet on A3 paper, using the Windows PostScript printer driver.

NOTE: If you print multiple copies of a booklet, make sure to clear the Collate option in Microsoft Word. Otherwise, all the copies print as one booklet.

TO PRINT A BOOKLET FROM MICROSOFT WORD USING THE WINDOWS POSTSCRIPT PRINTER DRIVER

- 1 Open the document in Microsoft Word.
- 2 Choose File > Page Setup.
- 3 Set the Paper Size to 8.5x11 SEF (or A4 SEF) and Orientation to Portrait.
- 4 Choose File > Print, select the Fiery as your printer, and then click Properties.
- 5 On the Fiery Printing, Media tab, select the following settings:

Page Size: 8.5x11 SEF (A4 SEF)

Print Size: 11x17 SF (A3 SEF)

6 Open the Layout tab and select the following setting:

Orientation: Portrait

Duplex: Top-Top

Booklet Maker: Saddle

Imposition Reduction: Enable this option

7 Open the Finishing tab and select the following settings:

Face-down Printing: Face Up

Single Page Folding: Single Fold

Output Tray: Booklet Output Tray

8 Optionally, set one or more of the following options on the Layout tab:

- Creep Adjustment
- Centering Adjustment
- Booklet Maker: Back Cover
- Booklet Maker: Front Cover
- Booklet maker: Cover Source

9 Click OK to close the Properties window.

10 Set the number of copies.

11 Click OK to submit the job for printing.

Printing a PDF document as a booklet on Windows (PCL printer driver)

Booklet printing requires that a finisher is installed on the copier and that the printer driver is configured with the installed finisher. For information about configuring installable options, see *Printing from Windows*.

The following procedure explains how to set the correct print options for printing an 8.5x11 PDF document as a booklet on 11x17 paper, or for printing an A4 document as a booklet on A3 paper, using the Windows PCL printer driver.

TO PRINT A PDF DOCUMENT AS A BOOKLET USING THE WINDOWS PCL PRINTER DRIVER

- 1 Open the document in Adobe Acrobat or Acrobat Reader.**
- 2 Choose File > Print Setup.**
- 3 Set the Paper Size to 8.5x11 SEF (A4 SEF) and Orientation to Portrait.**
- 4 Choose File > Print, select the Fiery as your printer, and then click Properties.**
- 5 On the Fiery Printing, Media tab, select the following settings:**
 - Page Size:** 8.5x11 SEF (A4 SEF)
 - Print Size:** 11x17 SEF (A3 SEF)
- 6 Open the Layout bar and choose the following setting:**
 - Orientation:** Portrait
 - Duplex:** Top-Top
 - Booklet Maker:** Saddle
- 7 Open the Finishing bar and choose the following settings:**
 - Face-down Printing:** Face Down
 - Single Page Folding:** Single Fold
 - Output Tray:** Booklet Output Tray
- 8 Optionally, set one or more of the following options on the Layout tab:**
 - Creep Adjustment
 - Booklet Maker: Back Cover
 - Booklet Maker: Front Cover
 - Booklet Maker: Cover Source
- 9 Click OK to close the Properties window.**
- 10 Set the number of copies.**
- 11 Click OK to submit the job for printing.**

Printing a booklet from Mac OS X v10.4

Booklet printing requires that a finisher is installed on the copier and that the printer driver is configured with the installed finisher. For information about configuring installable options, see *Printing from Mac OS*.

The following procedure explains how to set the correct print options for printing an 8.5x11 document as a booklet on 11x17 paper, or for printing an A4 document as a booklet on A3 paper, using the Mac OS X v10.4 printer driver.

TO PRINT A BOOKLET FROM MAC OS X v10.4

- 1 **Open the document in its application.**
- 2 **Choose File > Page Setup and select the Fiery as your printer.**
- 3 **Set the Paper Size to 8.5x11 SEF (A4 SEF), set Orientation to Portrait, and then click OK.**
- 4 **Choose File > Print.**
- 5 **Select the Fiery as your printer, and then choose Printer Features from the drop-down list.**
- 6 **From the Feature Sets sub-menu, select Media 4, and set Print Size to 11x17 SEF (A3 SEF).**
- 7 **From the Feature Sets sub-menu, select Layout 1, and set Duplex to Top-Top.**
- 8 **From the Feature Sets sub-menu, select Finishing 2, and set Single Page Folding to Single Page.**
- 9 **From the Feature Sets sub-menu, select Finishing 3, and set Face-Down Printing to Face up.**
- 10 **From the Feature Sets sub-menu, select Layout 1, and set Booklet Maker to Saddle.**
- 11 **From the Feature Sets sub-menu, select Layout 3, and enable the Imposition Reduction option.**
- 12 **Optionally, set one or more of the following options (on the Layout1/Layout2 tabs):**
 - Creep Adjustment
 - Centering Adjustment
 - Booklet Maker: Back Cover
 - Booklet maker: Front Cover
 - Booklet Maker: Cover Source
- 13 **Click Print to submit the job for printing.**

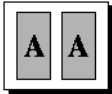

Centering Adjustment

Use this option to specify how you want the image positioned on the page, *relative* to the X (horizontal) and Y (vertical) axes.

NOTE: This option is not available for PCL printing.

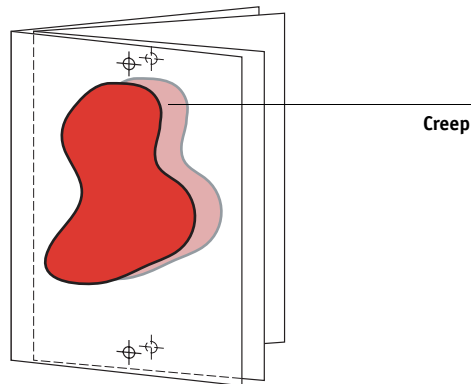
NOTE: Centering Adjustment is available as an option only when Booklet Maker is selected.

The following table illustrates the Centering Adjustment settings:

Centering setting	Image position on page
XY Centering Positions the image in the center of the page.	
Bottom X Centering Positions the image flush with the center margin of the page.	

Creep Adjustment

Creep occurs in booklets that contain a large number of pages or are printed on heavy media. As sheets are folded to create separate page areas, each fold causes a small incremental shift in the location of the edge of each page relative to others. Use this option to adjust images that may shift from the center of the sheet in booklet jobs.



Off: Choose this setting to print booklet jobs without any adjustment.

Normal: Choose this setting when printing booklet jobs on plain media with a large number of pages.

Thick: Choose this setting when printing booklet jobs on thick media.

NOTE: Even if you select Thick from the Creep Adjustment menu, your job will still print on plain paper unless you have specified thick paper from the Media Type menu.

NOTE: To use this option you must enable the Booklet Maker option and set the Duplex option to Top-Top.

Duplex

The Fiery Color Server copier is equipped for automatic two-sided (duplex) printing. When the Duplex print option is set to one of the duplex settings, the copier automatically turns the paper for printing on the opposite side.

TO PRINT DUPLEX PAGES AUTOMATICALLY

1 Choose Print in your application and locate the Duplex print option (Layout tab).

The location of Fiery Color Server print options varies, depending on the printer driver that you use.

2 Choose a Duplex setting.

Top-Top: 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.

Top-Bottom: 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 illustrates how Duplex settings correspond to printed output:

	Top-Top	Top-Bottom
Portrait	<div><div><div><div>●</div><div>■</div><div>▲</div><div>1</div></div><div><div>○</div><div>□</div><div>△</div><div>2</div></div></div></div>	<div><div><div><div>●</div><div>■</div><div>▲</div><div>1</div></div><div><div>2</div><div>▽</div><div>□</div><div>○</div></div></div></div>
Landscape	<div><div><div><div>●</div><div>■</div><div>▲</div><div>1</div></div><div><div>○</div><div>□</div><div>△</div><div>2</div></div></div></div>	<div><div><div><div>●</div><div>■</div><div>▲</div><div>1</div></div><div><div>2</div><div>▽</div><div>□</div><div>○</div></div></div></div>

3 Print the job.

Manual duplex

The Fiery Color Server copier is equipped for manual two-sided (duplex) printing. Use the following procedure to orient pages for manual duplex printing.

Manual duplex printing is supported using either Tray 5 (Bypass) or Tray 6 (Oversized) as the paper source. When you print a manual duplex job, the Fiery Color Server prompts you to perform the manual steps required, and also displays messages to assist you if you run into errors.

TO PRINT A MANUAL DUPLEX JOB

1 Choose Print in your application.

2 Set the print options as follows:

- Manual Duplex (Layout tab) = On
- Face-Down Printing (Finishing tab) = Face Up
- Paper Source (Media tab) = Tray 5 (Bypass) or Tray 6 (Oversized)

3 Print the job.

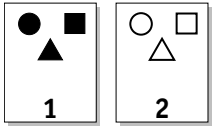
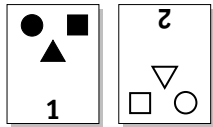
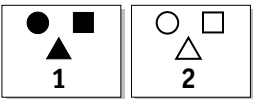
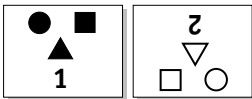
The even-numbered pages are printed.

4 Before removing paper from the output tray, notice how the pages are oriented.

5 If you are printing from Tray 5 (Bypass), remove any unused paper from the tray.

6 Turn the pages over so that the printed side faces down and load them back in the same tray used to print the first side.

Depending on how you load the pages, you can print Side 2 with the same orientation as Side 1 (Top-Top) or rotated 180 degrees relative to Side 1 (Top-Bottom).

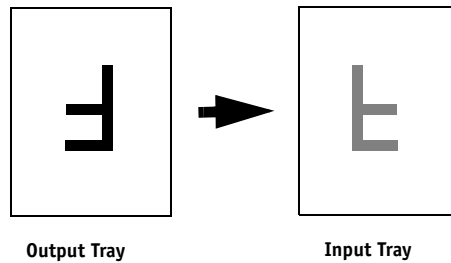
	Top-Top	Top-Bottom
Portrait		
Landscape		

For Top-Top printing, keep the pages oriented the same way as they were in the output tray, except face down. For example, if the pages are upside down and face up, load them upside down and face down.

Do not rotate the pages. Load them in the same direction (long edge first or short edge first) as when you printed Side 1.

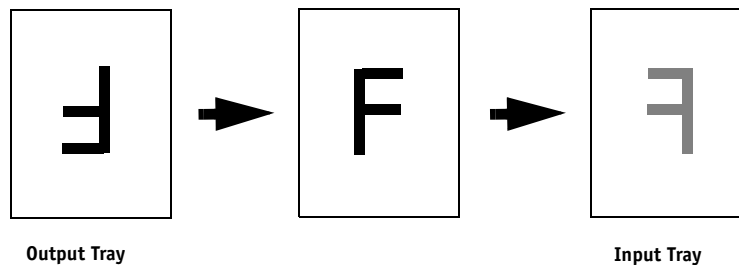
NOTE: The illustrations below show pages with Portrait orientation printed LEF (Long Edge First).

Top-Top printing



For Top-Bottom printing, rotate the pages 180 degrees and turn them face down.

Top-Bottom printing



7 For Tray 6 (Oversized), press the Start button on the copier control panel.

Tray 5 (Bypass) will detect that the pages have been loaded, so you do not need to press Start. The odd-numbered pages are printed.

NOTE: For jobs imposed using Impose, always flip the pages along the long edge of the page.

Fiery Color Server messages for Manual duplex printing

During the manual duplex process, the Fiery Color Server displays messages to help you perform the tasks. These messages are described in the following table:

When this happens	This message is displayed	Comments
Printing of Side 1 from Tray 6 is complete.	Printing of Side 1 is complete. To print Side 2 do the following: 1. Remove Side 1 prints from the Output Tray. 2. Flip the output over and place with the printed side down in Tray 6.	If you do not load the correct number of pages, the Fiery Color Server prompts you to load the correct Paper Size and Paper Type.
Printing of Side 1 from Tray 5 (Bypass) is complete.	Printing of Side 1 is complete. To print Side 2 do the following: 1. Remove Side 1 prints from the Output Tray. 2. Flip the output over and place with the printed side down in Tray 5 (Bypass).	If you do not load the correct number of pages, the Fiery Color Server prompts you to load the correct Paper Size and Paper Type.
A paper jam occurs during printing of Side 2 from Tray 6.	1. Remove the output from the Output Tray and set it aside. This output will be combined later with other output to make a completed stack. 2. Open Tray 6. 3. Remove the printed sheets from Tray 6 and set aside. You will be prompted to reload these sheets later. 4. Load blank sheets in Tray 6. 5. Close Tray 6.	
A paper jam occurs during printing of Side 2 from Tray 5 (Bypass).	1. Remove the output from the Output Tray and set it aside. This output will be combined later with other output to make a completed stack. 2. Remove the printed sheets from Tray 5 (Bypass) and set aside. You will be prompted to reload these sheets later. 3. Load blank sheets in Tray 5 (Bypass).	

When this happens	This message is displayed	Comments
The Side 2 pages that had to be reprinted due to a paper jam have successfully printed from Tray 6.	<ol style="list-style-type: none">1. Remove Side 1 prints from the Output Tray.2. Flip the output over and place on top of the printed sheets previously removed from Tray 6.3. Open Tray 6.4. Load the whole stack into Tray 6 with the printed side down.5. Close Tray 6.6. After printing has finished remove the prints from the Output Tray and combine them with the stack previously set aside.	
The Side 2 pages that had to be reprinted due to a paper jam have successfully printed from Tray 5.	<ol style="list-style-type: none">1. Remove Side 1 prints from the Output Tray.2. Flip the output over and place on top of the printed sheets previously removed from Tray 5 (Bypass).3. Load the whole stack into Tray 5 (Bypass) with the printed side down.4. After printing has finished remove the prints from the Output Tray and combine them with the stack previously set aside.	

Image Shift

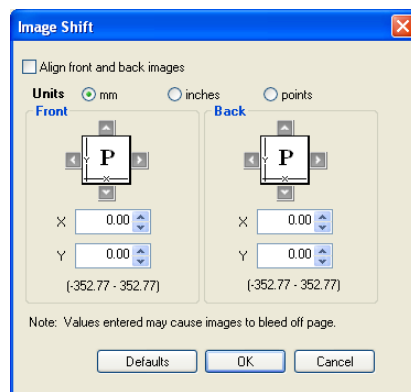
Image Shift allows you to specify how much the image on each page should be shifted, relative to the X (horizontal) and Y (vertical) axes. Moving the job content in this manner enables you to allow for various finishing options, such as stapling and binding. Image Shift prevents the image from being clipped.

NOTE: This option is not available for PCL printing

NOTE: This option is effective only for jobs in which N-up layout is set to 1-up.

TO DEFINE IMAGE SHIFT FOR A PRINT JOB

- 1 In the printer driver, click the Image Shift print option bar.



- 2 Select the unit of measurement.
- 3 Type the Front and Back image shift settings in the X and Y axis fields. You can also use the arrow buttons to shift the image settings.
- NOTE:** The maximum value for both X and Y axes is 999.99 points/13.89 inches/352.77 mm.
- 4 To align front and back images proportionately, select Align front and back images.
- 5 Click OK.

Scale

The operator can specify a scaling override, 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 300%, the job is printed at 150% of the original document size, that is, 50% of 300%.

Secure Print

The Secure Print feature offers a level of security for sensitive or confidential print jobs. This feature allows you to print your job only when you are present at the copier. When using this feature, enter a password into the Secure Print field in the printer driver (Job Info tab) before sending your job to the Fiery Color Server. To print your Secure Print job, re-enter the password at the Fiery Color Server copier touch panel as described in the following procedure.

TO SEND A SECURE PRINT JOB

- 1 In the printer driver, select the Job Info icon and scroll down to Secure Print.
- 2 Type a password in the Secure Print field.

NOTE: The password is limited to alphanumeric characters (do not use symbols).
- 3 Make any other changes to job properties and then send your job to the Fiery Color Server.
- 4 Click OK.

TO RETRIEVE A SECURE PRINT JOB

- 1 At the copier touch panel, press the All Services button.
- 2 Select Web Applications.
- 3 Select Secure Print from the Main page.

The Secure Print password window appears.
- 4 Enter the same password you entered in the Secure Print field of the printer driver.

The jobs that match the password are displayed in the Login window.
- 5 Select your print job and choose either Print or Delete.
- 6 Select the desired number of copies and select Print, Print and Hold, or Cancel.

The screen returns to the main pages after 45 seconds without activity.

After the screen returns to the Main page, you must re-enter the Secure Print password.

User Authentication

If user authentication has been enabled in the Fiery Color Server Setup, you must enter a valid user name and password to send a print job to the Fiery Color Server. In Command Workstation, the management of jobs is determined by how you have logged on to the Fiery Color Server.

Use Windows Login: Choose if you are already logged on to a Windows computer. Otherwise, type your Windows network login information in the Username and Password fields.

Save User Information: Select to save Windows login information. By default, this option is activated.

For Mac OS X: Select Owner Information and enter login information in the User Name and Password fields.

Validate: Click to validate user authorization and to confirm printing privileges. In order to validate, Two-way Communication must to be activated from the Properties > Accessories tab. For information about enabling Two-way Communications, see [Printing from Windows](#) and [Printing from Mac OS](#).

I'm a guest: Choose to activate guest printing privileges. By default, guest printing is permitted.

For information about enabling user authentication in the Configure WebTool, see [Configuration and Setup](#).

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