

ADDENDUM

Introduction

This document supplements the Printer Controller EB-105EX™ software documentation and describes new hardware support, features, and update information. Specific information is presented for the *Printing Guide*.

Before using the Printer Controller EB-105EX, read this addendum and distribute copies to all users. For all other information and instructions, see the documentation that accompanied your software.

The term “EB-105EX” is used to refer to the Printer Controller EB-105EX.

Special Features

This document describes the advanced PostScript print options in the Windows 98/Me, Windows NT 4.0/2000/XP, and Mac OS printer drivers.

For additional information on print options, see Appendix A of the *Printing Guide*.

Full Bleed Printing

The EB-105EX printer driver allows you to print full bleed jobs. With full bleed printing, you can print a standard paper-size image onto a different paper size that you specify in the printer driver.

The Document Size should be smaller than the Print Size. For example, if you choose Letter as the Document Size and select 11”x17” (twice the size of Letter) for the Print Size, your job will print on standard 11”x17” paper without any adjustment to the image size.

NOTE: For full bleed printing, Fit to Print must be set to Off.

Supported document and print sizes

The following table lists the supported Document and Print Sizes for the EB-105EX.

Document Size	Print Size
Letter (8.5”x11”)/A4 (210x297 mm)/A3 (297 x 420 mm)/A3 Wide (12”x18”)/A5 (148x210 mm)/B4 JIS (257x364 mm)/B5 JIS (182x257 mm)/11”x17”/Legal (8.5”x14”)/5.5”x8.5”/Exec (7.25”x10.5”)/8”x13”/8.25”x13”/8.5”x13”/8K (390x267 mm)/16K (267x195 mm)/Letter (Full bleed)/A4 (Full bleed)/A3 (Full bleed)/A3 Wide (Full bleed)/A5 (Full bleed)/B4-R (Full bleed)/B5 (Full bleed)/11x17 (Full bleed)/Legal (Full bleed)/5.5x8.5 (Full bleed)/Executive (Full bleed)/8x13 (Full bleed)/8.25x13 (Full bleed)/8.5x13 (Full bleed)/8K (Full bleed)/16K (Full bleed)/Custom Page	Same as Document Size/Letter (8.5”x11”)/A4 (210x297 mm)/A3 (297x420 mm)/A3 Wide (12”x18”)/A5 (148x210 mm)/B4 JIS (257x364 mm)/B5 JIS (182x257 mm)/11”x17”/Legal (8.5”x14”)/5.5”x8.5”/Exec (7.25”x10.5”)/8”x13”/8.25”x13”/8.5”x13”/8K (390x267 mm)/16K (267x195 mm)/Custom (Tray 2)/Custom (Tray 3)/Custom (Tray 7)

Full Bleed Sizes

Printing with Full bleed Sizes allows you to eliminate the non-printed area of a job. This is done by selecting a slightly larger Document Size (Full bleed Size) and printing on an even larger Print Size.

TO PRINT WITH A FULL BLEED SIZE

1. Select a Full bleed Size as the Document Size.

2. Select a Print Size.

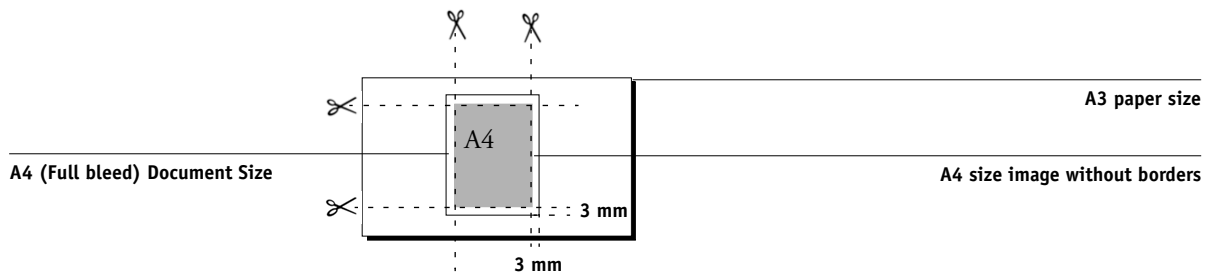
The Print Size selected should be larger than the Full bleed Size.

3. Print the job.

4. Trim the excess media from the print job.

For example, the A4 (Full bleed) paper size has an additional 3mm on each side of a standard A4-sized page. Printing with A4 (Full bleed) as the Document Size onto A3 as the Print Size allows you to crop 3 mm off every side of the printed page. The result is an A4 print size without an unprinted border.

The following illustrates a job using XY Centering (see page 14) with an A4 (Full Print) Document Size printed on an A3 Print Size.







You can select from the following supported Full bleed Sizes:

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)

Fit to Print
Off/On

This option allows you to scale a job to a different page size. With Fit to Print on, you must specify the size of the printed output from the Print Size option. For example, if you want to print a letter-size job on 11”x17” media but you want the job scaled to fit the new print size, set the Fit to Print to On.

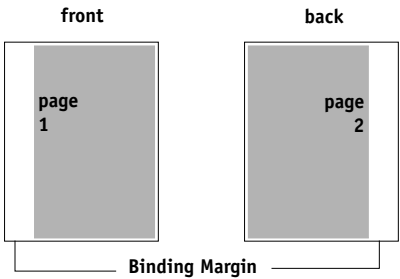
When Fit to Print is off, the original document size is printed without any scaling, even if you print to a larger paper size. For example, if your original job is letter size and you only want to print the job on 11”x17”, select 11”x17” from the Print Size option and set Fit to Print to Off. The original image is still letter size, but it is now printed on 11”x 7” media.

Fit to Print	Original size Letter	Print Size 11”x17”
On		
Off		

Binding Margin

When you use the Binding Margin print option, you can adjust a margin on the bound side of a duplex job. Select the Binding Margin print option from the Finishing print option bar of the EB-105EX printer driver. Specify a margin in millimeters. The available range is 0–50 mm (0”–1.97”). Your job is printed with the margin on both front and back side of every sheets at the binding edge.

The following figure illustrates a binding margin on an Open-to-Left duplex job.



Mixed Media

With the Mixed Media print option, you can print ranges of pages on different types of media. You specify Mixed Media when you print the job with the EB-105EX printer driver for Windows. You can use this option to specify a different media type for the cover, add blank pages, and specify duplex pages within a single print job from the printer driver.

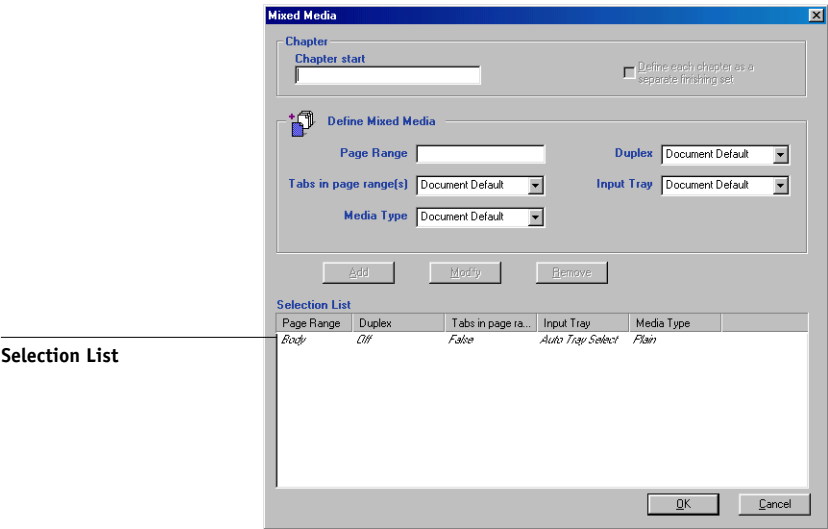
NOTE: The Mixed Media print option is not available in the Mac OS printer driver.

NOTE: The Mixed Media feature cannot be used when you send a job through Direct connection. Send your job to the Print or Hold queue.

TO PRINT USING MIXED MEDIA ON WINDOWS COMPUTERS

- 1. Choose Print in your application and click Properties.
- 2. Click the Fiery Printing tab.
- 3. Click the Paper Source print option bar, and then click Define for Mixed Media.

The Mixed Media dialog box appears.



- 4. If you want Finishing print options, such as Staple, to be applied on each chapter as a separate finishing set, select the Define each chapter as a separate finishing set option. Then enter the first page number of each chapter, separated by a comma, in Chapter start.
- 5. For each page range, enter the page numbers and specify the options for that range.

You can choose your specifications from the following options:

Body—This information is the default media type for the job. If a range uses the default media type, it is not necessary to list the range. The term “Body” is defined as the media type for pages that are not represented in the Selection List with a particular media type.

Page Range—Enter a page number or the range of page numbers. Use a hyphen to define a range of sequential pages. For example, 1-3 prints the first three pages on a particular media type. The range -14 prints the first 14 pages; 5- prints Page 5 through the end of the document. If all the pages in multiple ranges use the same media type, you can combine ranges with a comma; for example, 4-5, 9-10. If you need to insert a blank page, for example, before page 5, enter ^5.

NOTE: You cannot combine a single page with page ranges.

Tabs in page range(s)—Select True to print specified pages with tabs. To use this option, you must select Tab Stock in Media Type and Tabs in page range(s) in the Paper Source print option bar. Otherwise, select False. For more information, see page 9.

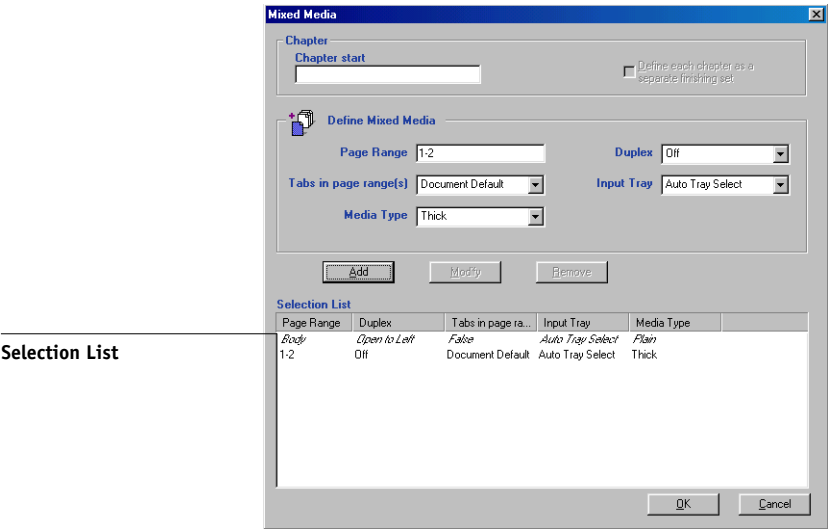
Media Type—Enter the media type from the list of supported types. Before printing, make sure the appropriate media is loaded in the specified tray.

Duplex—Select Open to Left or Open to Top to print the specified pages on both sides of the media. Duplex must be selected first in the printer driver before you can specify duplex printing with mixed media. The first page of duplex pages is always printed on the front of the page.

Input Tray—Select the paper tray to use for the selected page range.

NOTE: If options are not specified for pages that fall between specified pages or page ranges in the Selection List, those pages are printed with the Body specifications. The Body specifications are the print options settings for all documents currently selected for the printer driver.

6. Click Add.



Your specifications appear in the Selection List.

7. Repeat step 5 and 6 for each page or page range you want to print with mixed media options.

8. Click OK.

NOTE: When you specify the number of copies to greater than 1, the copier prints the specified number of copies of the first range and begins printing the next range. For example, you have defined two ranges in the Mixed Media dialog box: pages 1–5 and pages 6–10. If you specified two copies of this job, the copier prints two copies of pages 1–5 first and then two copies of pages 6–10.

TO MODIFY MIXED MEDIA SETTINGS

1. Choose Print in your application and click Properties.
2. Click the Fiery Printing tab.
3. Click the Paper Source print option bar and then click Define.
The Mixed Media dialog box appears.
4. Select the item you want to modify in the Selection List.
5. Specify the new settings as described on page 4.
6. Click Modify.
7. Click OK.

TO DELETE MIXED MEDIA SETTINGS

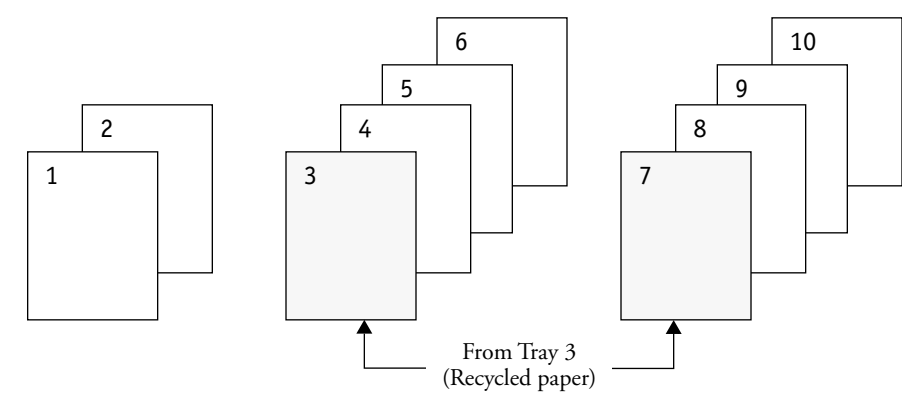
1. Choose Print in your application and click Properties.
2. Click the Fiery Printing tab.
3. Click the Paper Source print option bar and then click Define.
The Mixed Media dialog box appears.
4. Select the item you want to delete in the Selection List.
5. Click Remove.
6. Click OK.

Examples of using Mixed Media

Several examples of using Mixed Media are provided in this section. The table in each example describes the print settings, such as Page and Media Type, that are necessary to produce the output shown in the illustrations.

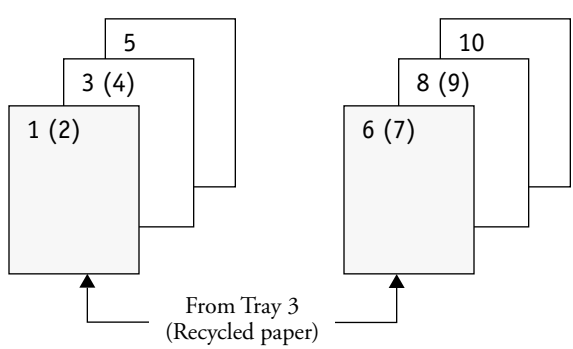
Example 1—A book with a two-page introduction followed by two chapters is printed single-sided (simplex). The first page of each chapter is printed on recycled paper.

Page	Media Type	Input Tray	Page Type
Body	Plain	Auto Tray Select	Simplex
3,7	Recycled	Tray 3	Simplex



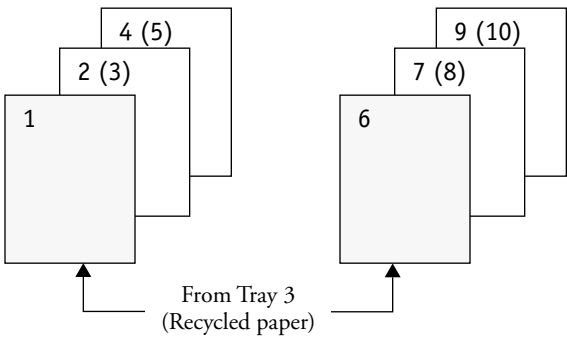
Example 2—A book with two chapters is printed double-sided (duplex). The first page of each chapter is printed on recycled paper.

Page	Media Type	Input Tray	Page Type
Body	Plain	Auto Tray Select	Duplex
1,6	Recycled	Tray 3	Duplex



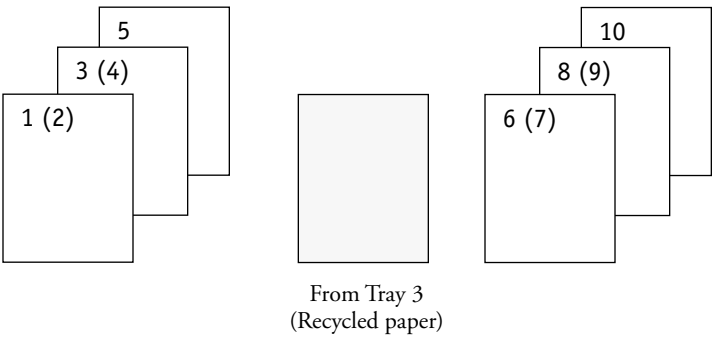
Example 3—A book with two chapters is printed double-sided (duplex). A cover page at the beginning of each chapter is printed on recycled paper.

Page	Media Type	Input Tray:	Page Type
Body	Plain	Auto Tray Select	Duplex
1,6	Recycled	Tray 3	Simplex



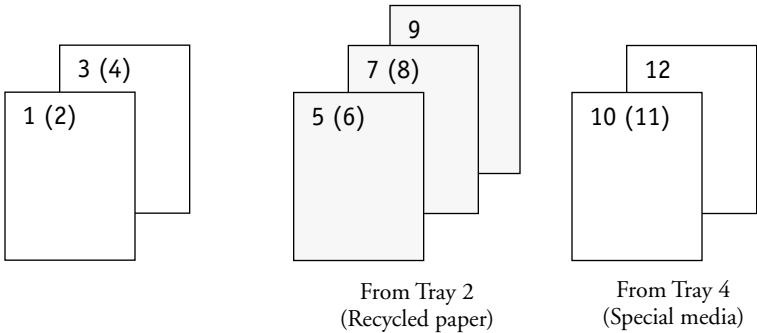
Example 4—A book with two chapters is printed double-sided (duplex). A blank sheet of recycled paper is inserted between the chapters.

Page	Media Type	Input Tray	Page Type
Body	Plain	Auto Tray Select	Duplex
6	Recycled	Tray 3	Blank



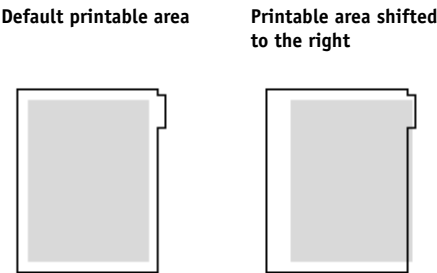
Example 5—A book with three chapters is printed double-sided (duplex). Each chapter is printed on a different type of media.

Page	Media Type	Input Tray	Page Type
Body	Plain	Auto Tray Select	Duplex
1–4	Plain	Tray 1	Duplex
5–9	Recycled	Tray 2	Duplex
10–12	Special	Tray 4	Duplex



Printing with Tab Stock

When you are printing with Tab Stock, you can shift the print position on the page so that the printable area includes the tab. You can specify the print shift from 0.0 inches to 0.6 inches (0.0 mm to 15 mm).





NOTE: For information on how to specify the print shift, see the Copier Manual.

Use this feature with the Mixed Media print options to select specific Tab Stock pages in a print job. You must select True in the Tabs in page range(s) option within the Mixed Media dialog box and select the Tabs in page range(s) option in the Paper Source print option bar to use this setting. For more information, see “Mixed Media” on page 4.

Booklet Stapling

This option is available if the Booklet Finisher is installed.

2 at Center is an available setting from the Staple print option. Use this print option setting when you print booklet jobs intended to be stapled along the center crease.

Staple setting	Portrait	Landscape
2 at Center		

Imposition Off/Booklet/Perfect/Double Print/Speed Print

Use this option to arrange the pages of your print job in special layouts for folding or cutting after printing.

Imposition can be set in the Finishing print option bar from the Fiery Printing tab in the printer driver.

For imposition binding, two pages are printed side-by-side. These pages must be printed on a page size that is twice as big.

Original page size	Imposition page size
A4 (210x297mm)	A3 (297x420mm)
B5 JIS (182x257mm)	B4 JIS (257x364mm)
A5 (148x210mm)	A4 (210x297mm)
Letter (8.5" x 11")	11" x 17"
5.5" x 8.5"	Letter (8.5" x 11")

NOTE: Imposition and stapling can be set separately. If you want an imposed job booklet stapled, select only 2 at Center from the Staple print option.

NOTE: The Layout option must be set to 1-up when printing imposition jobs.

NOTE: The Imposition feature cannot be used when you send a job through Direct connection. Send your job to the Print or Hold queue.

NOTE: Do not select the reverse printing option from the printer driver. Unexpected printing results may occur.

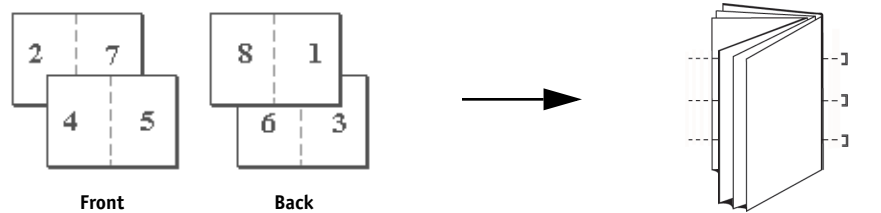
For imposition jobs with full bleeding, you can use the Print Size print option in conjunction with an imposition setting. For example, if you have an original B5-size document that you want booklet imposed with full bleeding, choose a larger Print Size setting (in this case, B4). You can then crop the image of printed area to your specified size.

NOTE: Fit to Print must be set to off when printing imposition jobs with full bleeding. For more information, see “Fit to Print Off/On” on page 3.

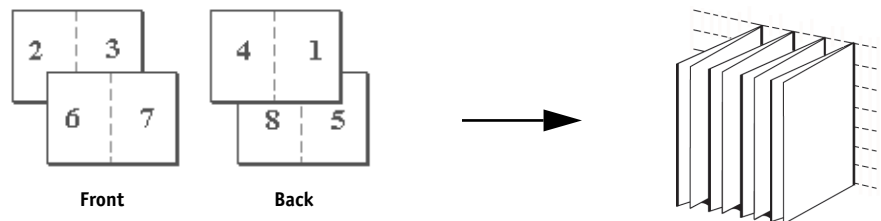
Off—The job is printed without any imposition features.

Booklet—Choose this setting to print entire documents that are folded and stacked in booklet order.

You can also adjust for image shifting that may occur when printing booklet jobs by using the Creep option. For more information, see “Creep Off/Plain/Thick” on page 13.

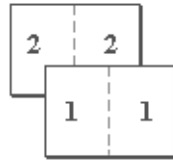


Perfect—Choose this setting to print separate folded pages that are stacked in booklet order.



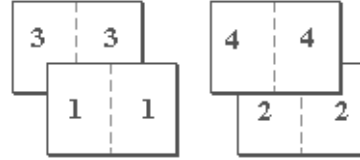
Double Print—Choose this setting to print a job so that the first page data is duplicated on the first sheet. The next page will have the second page data duplicated, and so forth.

Simplex



Front only

Duplex

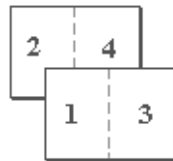


Front

Back

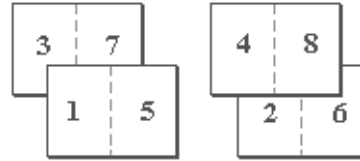
Speed Print—Choose this setting to speed print a job so that when the sheets are stacked and cut from the central position, the job will be numbered in order and separated as two stacks.

Simplex



Front only

Duplex



Front

Back

Imposition Reduction On/Off

Use this option to reduce the size of your imposition job image to half of the Print Size so that two pages are printed side-by-side on a page.

For example, you have an A4 file you want to print imposed on A4 paper. In the Paper Source print option bar of the EB-105EX printer driver, choose A4 (210x297 mm) as the Document Size and Same as Document Size as the Print Size. With the Imposition Reduction on, the image of each page is reduced to A5 (half of A4), and two pages are printed side-by-side on A4 paper. After folding, the page size of the job is A5. If you want the page size to be A4 after folding, choose A3 (297x420 mm) as the Print Size.

Creep Off/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.

NOTE: The Imposition print option must be set to Booklet to use the Creep option.

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

Plain—Choose this setting when printing booklet jobs on plain media.

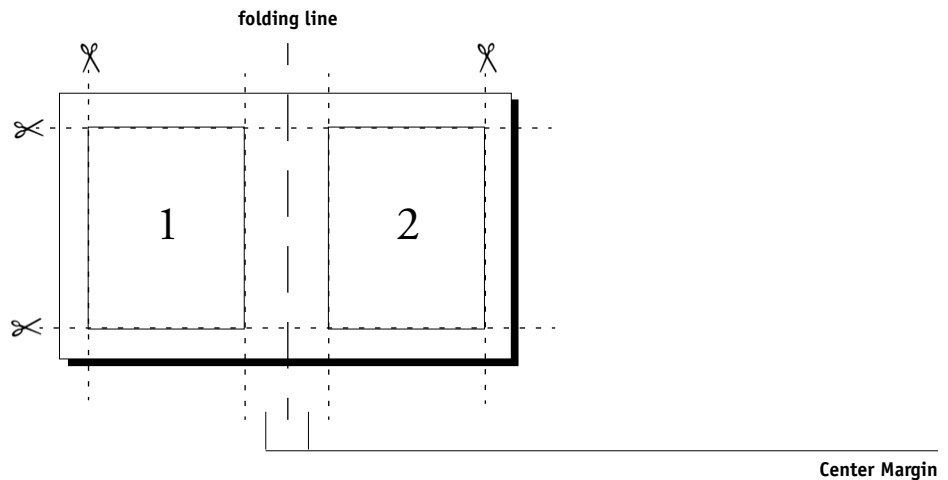
Thick—Choose this setting when printing booklet jobs on thick media.

NOTE: Even if you select Thick from the Creep option, your job will print on Plain paper unless you specified Thick from the Media Type menu.

Center Margin 0 - 50 (mm)

Use this option to set a margin from the folding line on an imposition job.






NOTE: This option is available when you choose Plain or Thick from the Creep option.



Centering

XY/Top X/Bottom X/Left Y/ Right Y

Use this option to specify how you want the image positioned on the page.
The following table illustrates the Centering options:

Centering setting	Image position on page
XY Positions the image in the center of the page.	
Top X Positions the image so that it is flush with top of the page.	
Bottom X Positions the image so that it is flush with bottom of the page.	
Left Y Positions the image so that it is flush with the left side of the page.	
Right Y Positions the image so that it is flush with the right side of the page.	

NOTE: When using the Imposition print option, only XY Centering is supported.