

ImposeMate

User Manual

- *ImposeMate*
- *ImposeMate News*
- *ImposeMate DPX2*
- *ImposeMate DPP*

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ECRM Imaging Systems
554 Clark Road
Tewksbury, Massachusetts 01876
Tel: (US) (+1) 978-851-0207
Fax: (US) (+1) 978-851-7016
Web: www.ecrm.com

Tel: (UK) (+44) 1923-218255
Fax:(UK) (+44) 1923-218256

CONTENTS

CHAPTER 1 • USING IMPOSEMATE	5
Introduction	5
Plan your imposition	7
Flat and Press Sheet	10
Signature	10
Work styles	10
<i>Perfector</i>	10
<i>Sheetwise</i>	11
<i>CUSTOM</i>	11
Binding styles	11
<i>Saddle Stitched publications</i>	11
<i>Perfect Bound publications</i>	12
Shingling (creep)	12
<i>Creep in saddle stitched publications</i>	13
<i>Creep in perfect bound publications</i>	13
<i>Compensation for creep</i>	13
Enabling ImposeMate	14
Starting and exiting ImposeMate	16
ImposeMate overview	17
ImposeMate menus	17
<i>ImposeMate Menu (Macintosh only)</i>	18
<i>File Menu</i>	18
<i>Edit menu</i>	20
<i>IMPOSITION Menu</i>	21
<i>Help Menu</i>	22
Creating RunLists	22
Creating a Runlist	24
Creating Impositions	35
Imposition type N x N Imposition	36
WorkMates FolderWizard	49
Imposition type Step'n Repeat	53
Imposition types Fill Row, Column or Film	61
Viewing the Imposition Thumbnails	65
Printing the Imposition Thumbnails	66
Adding Marks	66
Adding Imposition Marks and Step Wedges	67
Adding Page Marks and Step Wedges	70
Adding Annotations	72

Contents

Downloading a custom color bar to the RIP	76
Displaying a color bar's colors in the Run List tab Separations panel ..	77
Defining Preferences	78
Marks and Step Wedges	79
Color Bars	80
Creating Text Annotations	80
Abort Job When	82
Other Features	82
Application Settings	83
Saving Preferences	89
Additional Default Values	89
Saving an imposition page feature	89
Opening an imposition page feature	90
How to create an imposition page feature step by step	91
How to use an imposition page feature	92
Outputting a Runlist file	93
Running ImposeMate Client in WorkMates	94
 CHAPTER 2 • IMPOSEMATE TUTORIAL	 97
Introduction	97
Work and Turn using one plate	98
Work and Tumble using one plate	101

Chapter 1

Using ImposeMate

Introduction

Imposition is the arrangement of pages on the plate in such a way that the pages appear in the correct reading order after printing, folding and binding. The actual arrangement of the pages on the medium depends on many factors: the size of the printing press, the binding method, the number of pages in the publication, the folding and binding equipment etc.

Manual imposition is a complicated and time-consuming process where the films for the individual pages are cut out and taped to a bearer material in the correct order and orientation. For color jobs or large books, the page arrangement schemes are very complicated and consequently the risk of making an error is high. The introduction of electronic imposition programs has eliminated most of the tiresome, repetitive steps in imposition. But still the process consists of many steps and can take a long time, especially with large files.

Chapter 1 • Using ImposeMate

Introduction

ImposeMate speeds up the process by eliminating many of the usual steps in an imposition workflow. Also, the actual imposition of pages is not performed on the workstation, but in the RIP itself, which also speeds up the process significantly.

Using ImposeMate you can create “impositions”, i.e. page features with an imposition layout. Once the layout of the imposition page feature is specified and saved in the RIP, the pages will flow into the correct positions on the media whenever you print to the specific imposition page feature.

ImposeMate can be run as a stand-alone program on the WorkMates PC or remotely via the ImposeMate Client program. This manual documents the stand-alone program. WorkMates User Guide AG50664 documents the client program.

Using the imposition page features is very productive for repeat jobs such as weekly or monthly magazines that can use the same imposition page feature over and over again.

IMPOSITION TYPES IN IMPOSEMATE

The ImposeMate imposition tool lets you create 2-up to 16-up imposition page features with automatic page numbering and page order. This "n-up" or N x N imposition type works with PDF files. Optionally, the "n-up" imposition page features can include work styles such as Sheet-wise and Perfector and binding methods such as Perfect Bound and Saddle Stitched including compensation for creep (shingling). For more details, see the sections on “Work styles” on page 10, “Binding styles” on page 11 and “Shingling (creep)” on page 12.

There are five variations of ImposeMate.

- ***ImposeMate*** (the full version) supports unlimited imposition size.
- ***ImposeMate News*** supports impositions up to 25.0" x 36.5.1" (632 x 927).
- ***ImposeMate DPX2*** supports impositions up to 21.6" x 18.1" (550 x 460).
- ***ImposeMate DPP*** supports impositions up to 12.9" x 47.21" (328 x 1200).
- ***ImposeMate 2020*** supports impositions up to 13.3" x 47.21" (340 x 1200).

Another imposition type using PDF files is Step'n Repeat. You can use this imposition type for stepping and repeating a single page PDF or you can combine several PDF files in a step and repeat job using the RunList editor.

In addition, ImposeMate offers imposition types which fill either a row, column or an entire film, while rotating pages in the RIP to save film or plate material. These imposition types work with PDF or PostScript files.

See also:

- “Plan your imposition” on page 7
- “Enabling ImposeMate” on page 14
- “Starting and exiting ImposeMate” on page 16
- “ImposeMate overview” on page 17

Plan your imposition

Properly planning your imposition job can save you a lot of trouble and minimize production time and costs.

First make sure that you have all the information you will need to produce the job, including:

- number of pages in the publication
- imposition layout (number of pages, page order and orientation on the press sheet)
- binding and folding method
- printing method and required screen type
- location of high resolution images, if any
- etc.

Chapter 1 • Using ImposeMate

Plan your imposition

After you collect all the necessary information, you should make a “folding dummy” (a representation of the folded press sheet). The folding dummy actually shows you how pages must be ordered and oriented in the imposition.

To create a folding dummy, fold a blank sheet of paper into half and repeat this until you have the required number of pages per press sheet. While the paper is folded, mark the page numbers on each page.

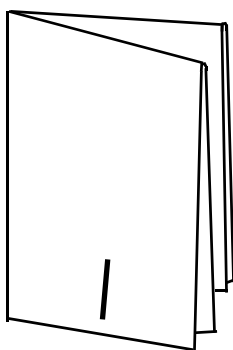


Figure 1.1 Folding dummy

After unfolding the paper, you will see the imposition layout, complete with page order and orientation.

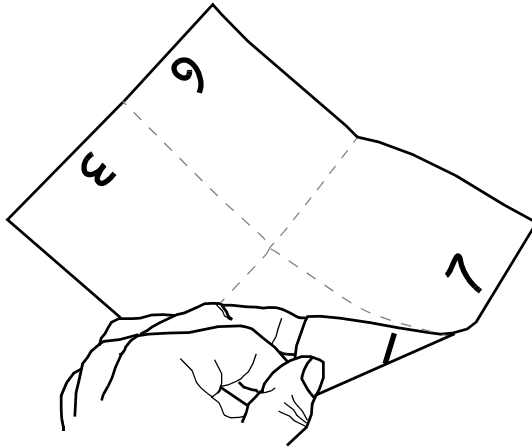


Figure 1.2 Imposition layout

If the imposition layout of the first press sheet (front and back side) is going to be used for all press sheets in the publication, it is not necessary to specify more than the imposition layout for the first press sheet. The RIP will automatically generate the required signatures (see also “Flat and Press Sheet” on page 10) to accommodate all pages in the publication. This way you can, for example, use an imposition page feature for a 16 page perfect bound publication to produce 32-page, 48-page, 64-page etc. publications as well.

Flat and Press Sheet

A complete press sheet, front and back, and corresponds to two flats.

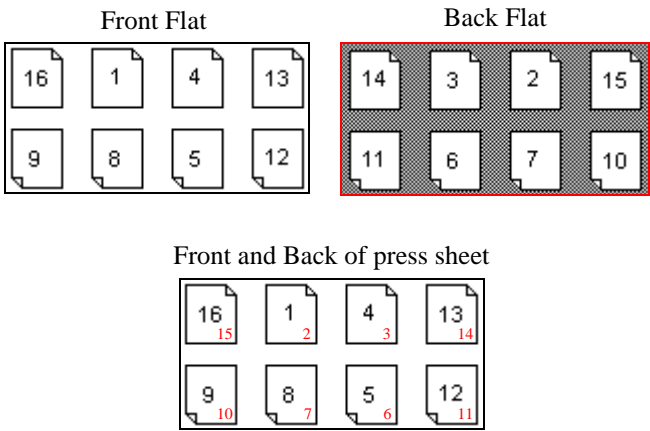


Figure 1.3 Sheetwise Press Sheet

Signature

A signature is a printed press sheet that is folded one or more times to form a single unit of several pages in multiples of four.

ImposeMate lets you define signature constructs like the order and orientation of the pages in the signature, work style, binding style, and bleed. For more details, see “ImposeMate overview” on page 17

Work styles

Using ImposeMate you can create imposition page features for printing press work styles such as perfector and sheetwise.

PERFECTOR

Perfector is a work style used for sheet fed printing presses that prints both sides of the press sheet in one pass. When the first side has been printed using one plate the press sheet is automatically tumbled end over end on the horizontal axis, before the

second side of the sheet is printed using another plate, now with the tail of the press sheet facing the gripper on the press.

SHEETWISE

Sheetwise is a work style that prints the first side of the press sheet using one plate, then the sheet is flipped left to right, before the second side of the sheet is printed using another plate.

Perfector and SheetWise work in conjunction with the gripper edge.

CUSTOM

Pages are placed manually in the flat.

See also “Imposition type N x N Imposition” on page 36.

Binding styles

Using ImposeMate you can create imposition page features for binding styles such as saddle stitched and perfect bound.

SADDLE STITCHED PUBLICATIONS

In saddle-stitched publications the folded signatures are inserted inside one another before they are bound together, usually by stapling and cut as a book.

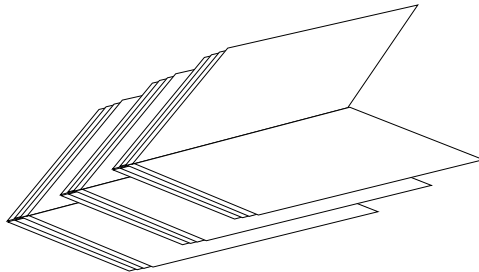


Figure 1.4 Saddle Stitched binding style

Chapter 1 • Using ImposeMate

Plan your imposition

PERFECT BOUND PUBLICATIONS

In perfect bound publications the folded signatures are stacked on top of each other before they are bound together on a common edge, usually by glue and cut as a book.

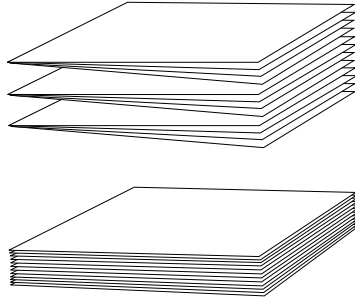


Figure 1.5 Perfect Bound binding style

See also “Imposition type N x N Imposition” on page 36.

Shingling (creep)

Shingling is the process of moving the image area on pages in an imposition layout to avoid creep.

Creep occurs when imposed signatures are folded and the image area of the inside pages extends beyond the image area of the outside pages. How much depends on the number of folds and the paper thickness used.

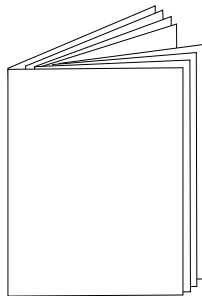


Figure 1.6 Creep: inside pages extend outside pages

CREEP IN SADDLE STITCHED PUBLICATIONS

In saddle stitched publications each folded signature is placed inside another folded signature, and the increased thickness of the fold causes the inside signatures to extend the outer signatures slightly. Consequently, creep may occur on page level inside the individual signature and on signature level between the folded signatures that are placed inside each other to be assembled as a book.

CREEP IN PERFECT BOUND PUBLICATIONS

In perfect bound publications creep is limited to the pages in the individual signature. The folded signatures are stacked on top of each other before they are bound and cut as a book.

COMPENSATION FOR CREEP

To compensate for the creep you apply shingling to your imposition. Shingling moves the image area on a page toward the direction you specify. For example, shingling can be specified to move the image area either away from or toward the binding. The image area on a page in the imposition layout is moved in relation to its preceding page.

ImposeMate's shingling works best with signatures that reflect standard folding conventions.

ImposeMate will automatically apply correct shingling depending on the selected binding method, for more details on applying, see “Creep section N x N Imposition” on page 43.

In saddle stitched publications ImposeMate spreads the shingling adjustment across all signatures in the imposition layout. In perfect bound publications ImposeMate applies the amount of the shingling adjustment to each signature, and each signature is the same.

Enabling ImposeMate

Note: The Macintosh-based ImposeMate program resembles the Windows-based ImposeMate program as much as possible, taking the necessary differences in the overall design of the two platforms into consideration. This manual describes ImposeMate running on the Windows platform. Differences are only described, when they influence the use of the program.

To enable ImposeMate you need to purchase a license key number from your supplier, and then enter the number in the license setup utility.

To enable ImposeMate:

- 1 • On Windows click Start > Programs > "ECRM WorkMates" > ImposeMate program icon to open ImposeMate.

Note: If you have installed ImposeMate in a program folder of its own, you open the program from the ImposeMate program folder.

- 2 • On Mac double-click the ImposeMate icon in the RIP folder to open ImposeMate.



Figure 1.7 ImposeMate icon Macintosh

3 • The ImposeMate window opens.

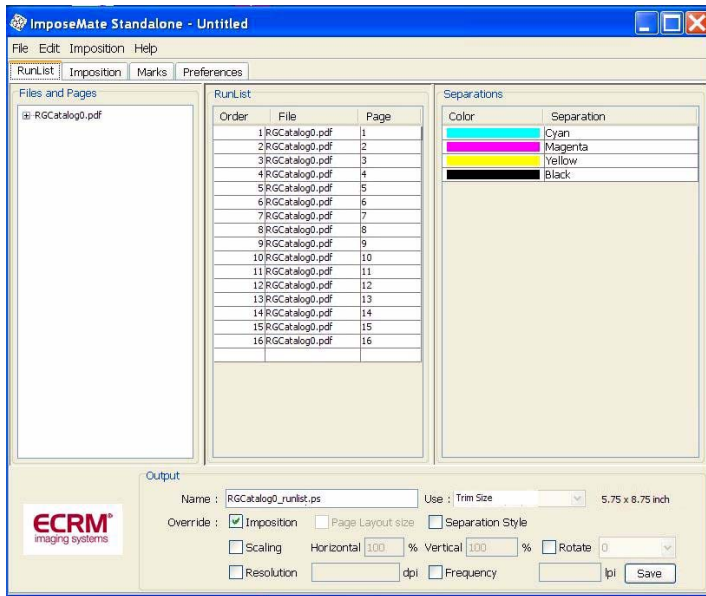


Figure 1.8 ImposeMate window

- An upgrade installation based on the old ImposeMate dongle will reuse the license number and the ImposeMate dongle.
- A new installation will be based on the RIP dongle and ImposeMate *may* ask for a license number for the dongle. The License Setup dialog opens:



Figure 1.9 License Setup dialog

Chapter 1 • Using ImposeMate

Starting and exiting ImposeMate

- 4 • Enter the license key number and click OK.

If you click Cancel ImposeMate will open in Demo mode allowing you to try out the ImposeMate tool. The demo mode does not let you save any imposition page features.

Starting and exiting ImposeMate

Important: *You need to start the RIP once before you can use ImposeMate.*

To start ImposeMate on Windows:

- 1 • Click Start > Programs > "RIP folder" > ImposeMate program icon.

Note: If you have installed ImposeMate in a program folder of its own, you open the program from the ImposeMate program folder.

OR

- 2 • Click the ImposeMate shortcut on the desktop, if you have created one.
- 3 • The ImposeMate window opens ready to use.

To exit ImposeMate on Windows:

- 1 • Click the red Exit button in the upper right corner of the window.

To open ImposeMate on Macintosh:

- 1 • Double-click the ImposeMate icon in the RIP folder.



Figure 1.10 ImposeMate icon Macintosh

- 2 • The ImposeMate window opens ready to use.

To quit ImposeMate on Macintosh:

- 1 • Click the red Quit button in the upper left corner of the window.

ImposeMate overview

The ImposeMate window contains a number of menus and tabs which are described in detail in:

- “ImposeMate menus” on page 17
- “Creating RunLists” on page 22
- “Creating Impositions” on page 35
- “WorkMates FolderWizard” on page 49
- “Adding Marks” on page 66
- “Defining Preferences” on page 78.

See also:

- “How to create an imposition page feature step by step” on page 91
- “How to use an imposition page feature” on page 92
- “Outputting a Runlist file” on page 93.

ImposeMate menus

The ImposeMate menus contain commands to the functions described below.

Chapter 1 • Using ImposeMate
ImposeMate overview

IMPOSEMATE MENU (MACINTOSH ONLY)



Figure 1.11 ImposeMate menu (Mac only)

About ImposeMate

Use this command to open a dialog with information on the ImposeMate program version.

Quit ImposeMate

Use this command to quit the program.

Note: Remaining commands are Macintosh platform related.

FILE MENU

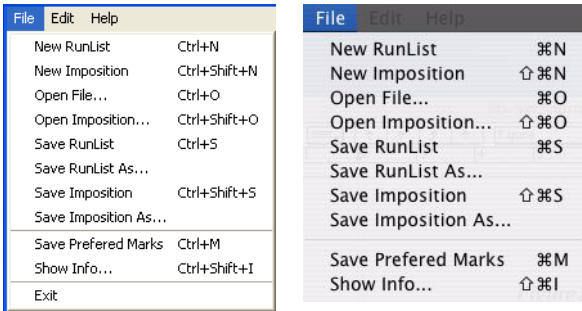


Figure 1.12 File menu:

New RunList

Use this command to create a new runlist.

New Imposition

Use this command to create a new imposition page feature.

Open File

Use this command to open an existing runlist file or .pdf file.

Open Imposition

Use this command to open an existing imposition page feature.

Save RunList

Use this command to save a runlist.

Save RunList As

Use this command to save a runlist under a different name or folder.

Save Imposition

Use this command to save an imposition page feature.

Note: Impositions are saved in the RIP's
\\SW\\Page Features folder.

Save Imposition As

Use this command to save an imposition page feature under a different name.

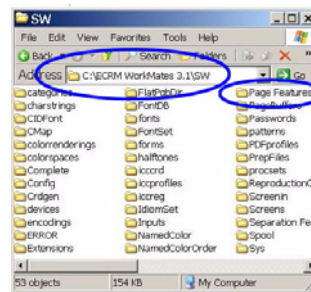


Figure 1.13 Page Features Folder

Save Preferred Marks

Use this command to save your preferred marks in Preferences, ready for use the next time you create a new imposition. You can save one set of marks for each of the three imposition types: N x N, Step'n Repeat and Fill Column, Row or Film.

Show Info – RunList tab only

Use this command to display a dialog box with job information on a pdf file.

Chapter 1 • Using ImposeMate
ImposeMate overview

Exit (Windows only)

Use this command to exit the program.

EDIT MENU

The Edit menu reflects which tab is selected in the ImposeMate window.

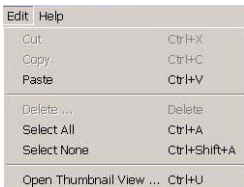
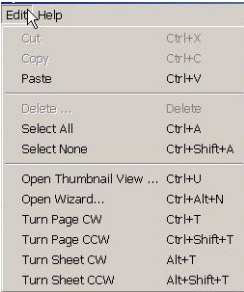
Runlist Tab Marks Tab Preferences Tab		Imposition Tab	
			

Figure 1.14 Edit menu

Cut, Copy, Paste, Delete – all tabs

Use these commands for the standard functions cut, copy, paste and delete.

Select All – all tabs

Use this command to select, for example, all pages in the Imposition tab’s Lay-out section.

Select None – all tabs

Use this command to deselect.

Open Thumbnail View...– all tabs

Use this command to select a thumbnail view of the imposed flat.

Open Wizard – Imposition tab only

Use this command to open the WorkMates Folder Wizard.

Turn Page CW – Imposition tab only

Use this command to rotate selected pages in the Layout section clockwise 90 degrees.

Turn Page CCW – Imposition tab only

Use this command to rotate selected pages in the Layout section counter clockwise 90 degrees.

Turn Sheet CW – Imposition tab only

Use this command to rotate sheets in the Layout section clockwise 90 degrees.

Turn Sheet CCW – Imposition tab only

Use this command to rotate sheets in the Layout section counter clockwise 90 degrees.

IMPOSITION MENU

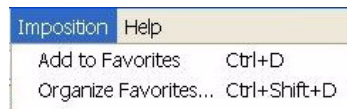


Figure 1.15 Imposition menu

Add to Favorites

Use this command to add an imposition to your Favorites list.

Organize Favorites...

Use this command to open the Manage Favorites window, which allows you to create, delete and manage subfolders for grouping favorite impositions.

Chapter 1 • Using ImposeMate

Creating RunLists

HELP MENU

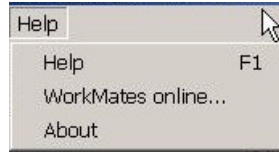


Figure 1.16 Help menu

Help

Use this command to open the ImposeMate Help. Required is Internet Explorer 5.0 or later with JavaScript enabled or similar browser, for example Mozilla Firefox 1.x or Safari 1.x and 2.x.

Note: *Help screens are not included in the current release of ImposeMate.*

Workmates online...

Use this command to open an Internet connection with the ECRM Web site and then navigate to the Support area.

About (Windows only)

Use this command to open a dialog with information on the ImposeMate program version.

Creating RunLists

When you start ImposeMate the program opens with the RunList editor tab in front. ImposeMate's RunList editor lets you insert, delete, replace or swap pages in PDF files and save the result as a runlist in PostScript format. The runlist displays the page order in which pages will flow into position when used in an imposition page feature.

You can use the RunList editor to assemble pages in a publication or carry out last minute corrections before output. See "Outputting a Runlist file" on page 93.

The RunList tab contains the following sections:

- Files and Pages list

- lists the PDF files (and their pages) that have been added to the list.
- Runlist
 - displays the page order, file names and page numbers in the runlist that has been created from the PDF files in the Files and Pages list.
- list
 - displays the colors and separations used in the PDF file(s) that are in the Files and Pages list.
- Output section
 - contains Runlist output options.

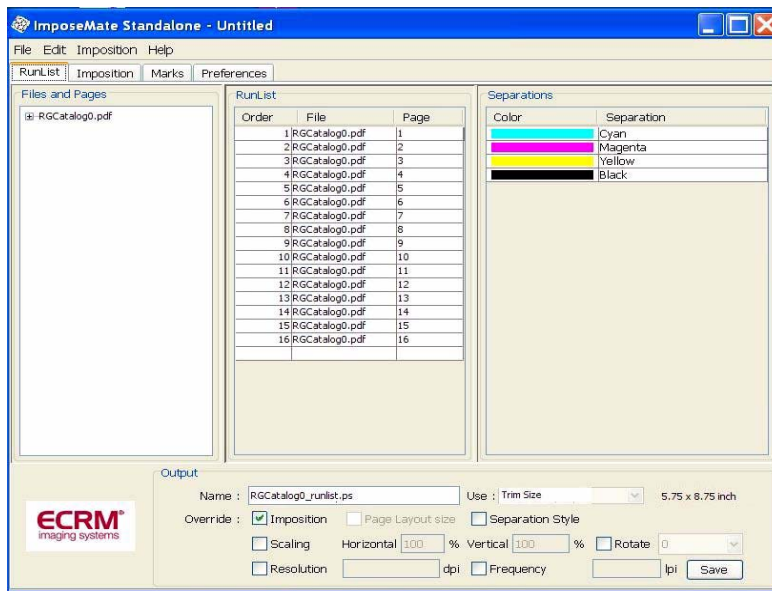


Figure 1.17 RunList tab

Note: When working in the RunList editor make sure that you use PDF files with the same page size and page numbering when creating or editing a Runlist.

For more information, see “Creating a Runlist” on page 24 and “Outputting a Runlist file” on page 93.

Chapter 1 • Using ImposeMate

Creating RunLists

Creating a Runlist

When you open ImposeMate and select the RunList tab, the Files and Pages list and the Runlist are empty.

To create a Runlist:

- 1 • Note: If you have been working in ImposeMate and you want to create a new runlist, select New RunList from the File menu and proceed as follows.

- 1 • Select Open File from the File menu.

This opens a dialog that lets you:

- browse for a PDF file to select and add to the Files and Pages list.
- open an existing Runlist file for editing.

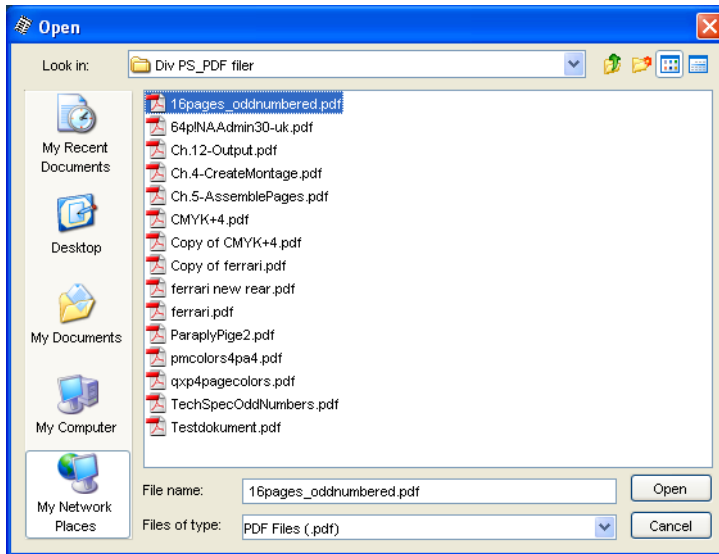


Figure 1.18 Open dialog

- 2 • To open an existing Runlist file, select a –runlist.ps file and click Open. This will open the Runlist file in the RunList editor.

- 3 • Select a PDF file and click Open. This will add the file to the Files and Pages list.
Or, Alternatively, drag one or more PDF files onto the Files and Pages list or to the RunList section.

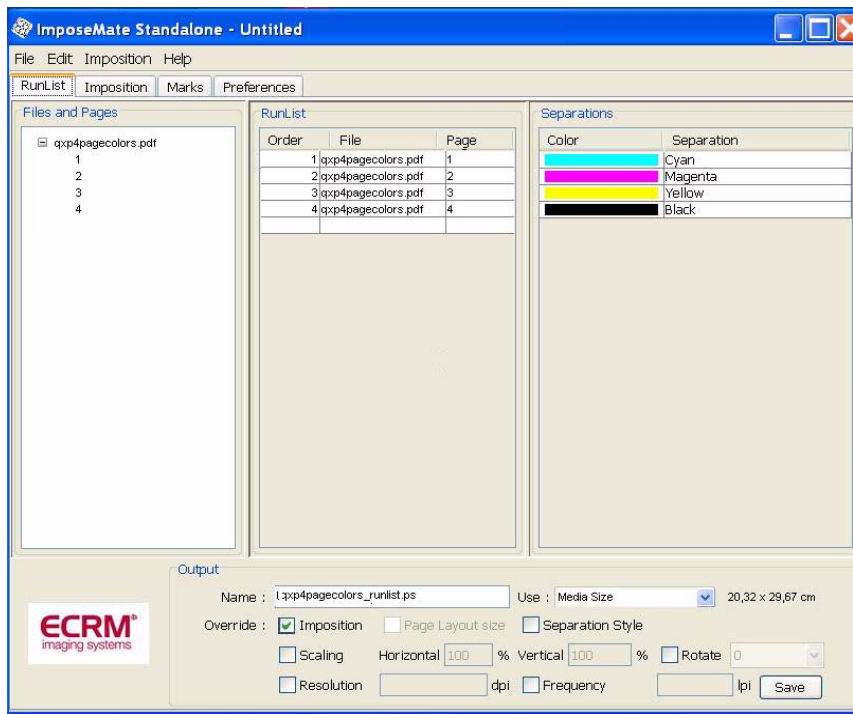


Figure 1.19 RunList editor

When creating a new Runlist the first PDF file added to the Files and Pages list will automatically have all pages listed in the RunList section, and all colors used in the PDF listed in the Separations section.

When you open an existing Runlist file all PDF files, pages and colors used for creating the Runlist are listed.

Chapter 1 • Using ImposeMate

Creating RunLists

4 • Add pages to the Runlist.

Select one or more files or pages from the Files and Pages list, then drag and drop them on the empty line below the last page in the Runlist.

In the Files and Pages list:

- Click the expand symbol to expand the file and see the pages.
- Click the file name to select the file and all pages in the file.
- Ctrl-click (cmd-click on Mac) the page number to select pages discontinuously.
- Shift-click to multi-select/deselect pages continuously.
- Select a file or page, then right-click (ctrl-click on Mac) to open a menu that lets you Cut, Copy, Paste, Select All and Deselect All, – using commands or shortcuts.

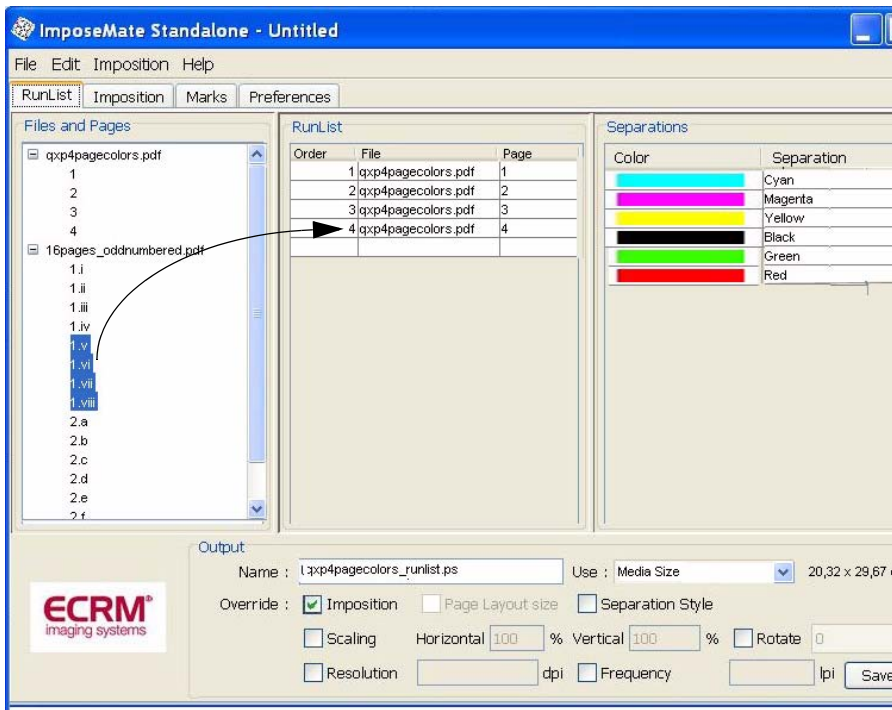


Figure 1.20 Files and Pages list

The RunList editor will recognize various page numbering styles created in, for example QuarkXPress, and display the numbering style in both lists.

Note: The RunList editor will let you mix any PDF page size, page numbering sequence and numbering style in a Runlist which in most cases would be unsuited for production. Therefore, make sure to create or edit the Runlist using PDF files with the same page size, and continuous page numbering and style, if you want a consistent PostScript file for output.

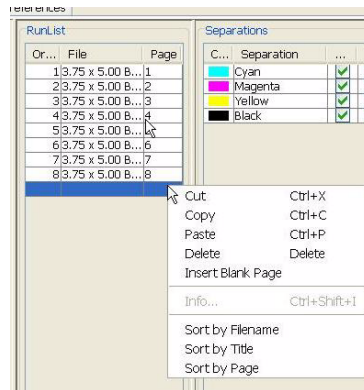
However, in ImposeMate you can set a page tolerance value to determine how big the difference in page size can be before a job errors. For details, see “Creating Impositions” on page 35.

5 • Rearrange the page order in the Runlist.

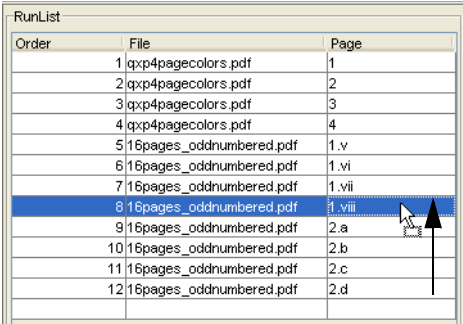
In the Runlist:

- The Order column lists the order in which the page will flow into position in the imposition layout.
- The File column shows the name of the file from which the page originates.
- The Page column shows the page number (and numbering style) of the page in question.
- Select one or more pages, then right-click (ctrl-click on Mac) to open a menu that lets you Cut, Copy, Paste and Delete a page or sort pages – using commands or shortcuts (see figure at right).

Select a page and drag it up or down to rearrange page order. The page will move to the position above the page the cursor points at.

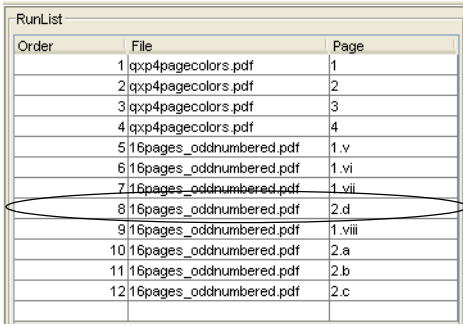


Chapter 1 • Using ImposeMate
Creating RunLists



Order	File	Page
1	qxp4pagecolors.pdf	1
2	qxp4pagecolors.pdf	2
3	qxp4pagecolors.pdf	3
4	qxp4pagecolors.pdf	4
5	16pages_oddnumbered.pdf	1.v
6	16pages_oddnumbered.pdf	1.vi
7	16pages_oddnumbered.pdf	1.vii
8	16pages_oddnumbered.pdf	1.viii
9	16pages_oddnumbered.pdf	2.a
10	16pages_oddnumbered.pdf	2.b
11	16pages_oddnumbered.pdf	2.c
12	16pages_oddnumbered.pdf	2.d

Figure 1.21 Drag page to new position in Runlist



Order	File	Page
1	qxp4pagecolors.pdf	1
2	qxp4pagecolors.pdf	2
3	qxp4pagecolors.pdf	3
4	qxp4pagecolors.pdf	4
5	16pages_oddnumbered.pdf	1.v
6	16pages_oddnumbered.pdf	1.vi
7	16pages_oddnumbered.pdf	1.vii
8	16pages_oddnumbered.pdf	2.d
9	16pages_oddnumbered.pdf	1.viii
10	16pages_oddnumbered.pdf	2.a
11	16pages_oddnumbered.pdf	2.b
12	16pages_oddnumbered.pdf	2.c

Figure 1.22 Page repositioned

- 6 • Add a blank page to the Runlist.
Select the empty line below the last page in the runlist (1), drag it to the wanted position (2) and release the mouse button. The blank page will appear above the page the cursor points at (3).

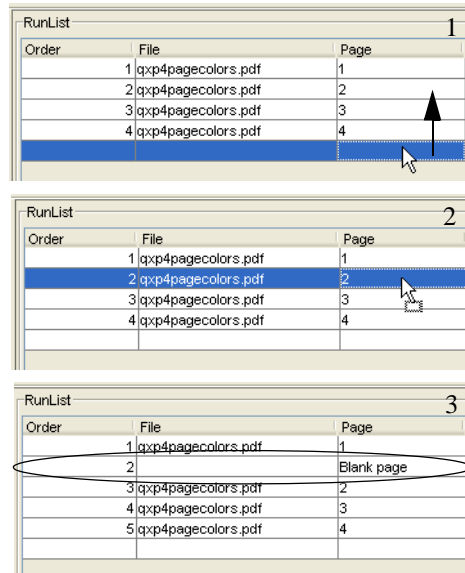


Figure 1.23 Add blank page to Runlist

You can insert as many blank pages as you need, one at a time. You can rearrange the order of blank pages just like any other page.

7 • Insert a page in the Runlist.

Select a page from the Files and Pages list, press the Control key (Alt key on Mac) while dragging it to the Runlist and drop it on a page.

The new page will be added below the page the cursor points at. Note that when inserting the cursor displays a plus (+) sign.

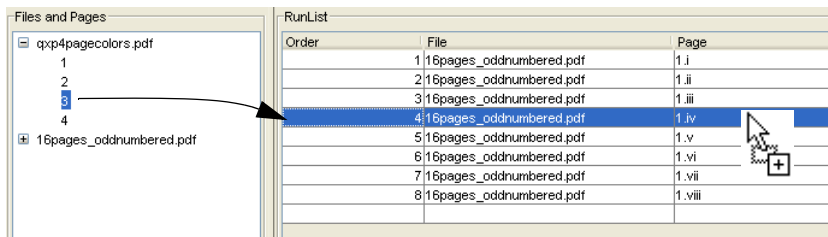


Figure 1.24 Insert a page in Runlist

Chapter 1 • Using ImposeMate
Creating RunLists

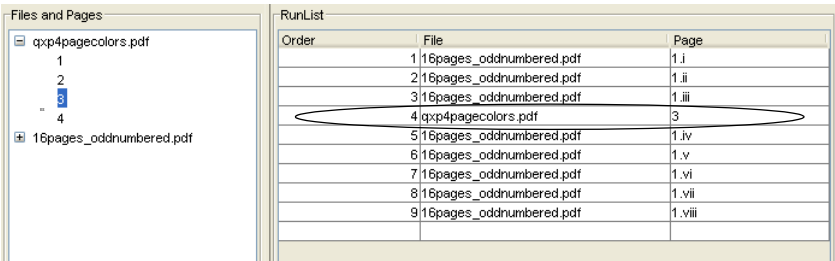


Figure 1.25 Page inserted

- 8 • Replace a page in the Runlist.
- Select a page in the Files and Pages list, drag it onto a page in the Runlist and drop it. The new page replaces the existing page.

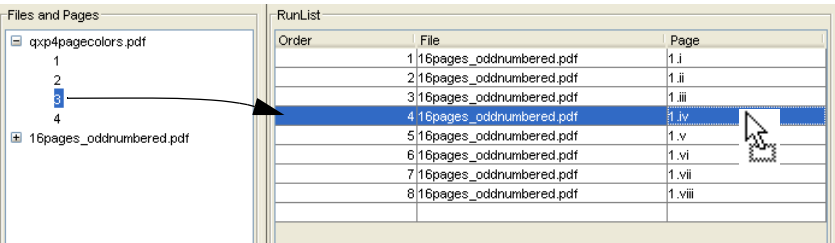


Figure 1.26 Replace a page in Runlist

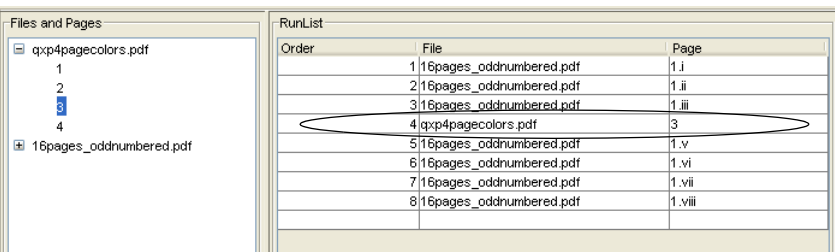


Figure 1.27 Page replaced

- 9 • Check the Separation Style check box (circled below) if you want to override how colors are separated and output in the RIP's page feature separation style. This will expand the Separations list with check boxes for color merging and color aliasing.

Note: A CMYK Composite "Separations, Screening and Color" Style cannot be edited .

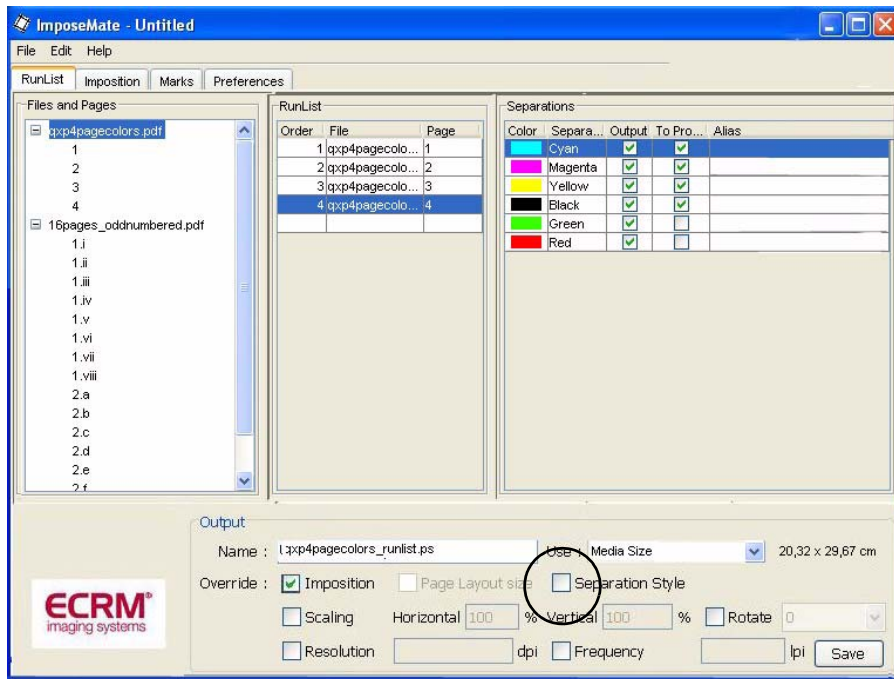


Figure 1.28 Separations list

When the Separation Style check box is enabled, changes to the Separations list will be saved in the runlist. **Keep the check box disabled if you want to keep the separation style of the RIP's page setup.** Separation Style uses the output order of the Page Setup as a default. You can drag colors to re-order the output order.

- 10 • You can edit the separation style of the file by mapping, merging or omitting the colors in the Separations list.

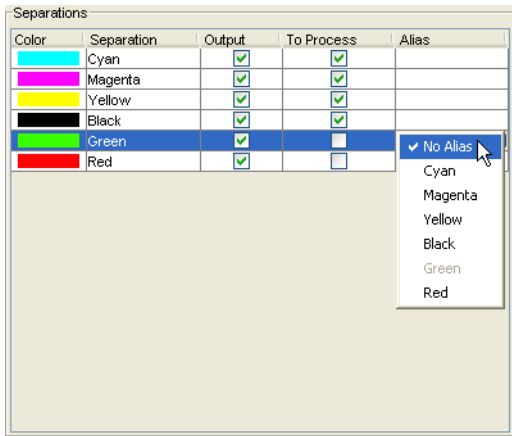


Figure 1.29 Changing separation style

- Check or uncheck the Output check box for a color. If checked, the color will be output, if unchecked, the color will not be output.
- Check or uncheck the To Process check box for a color. If checked, the color will be output as a process color (CMYK). Use this option, if you want a spot color to be output as a process color. If unchecked, the color will be output as a spot color on a separation of its own.
- Click a spot color in the Alias field to open a drop-down list with available alias colors in the file, then map the spot color to another color in the file.

Note: If the separation style used in the Page Setup is set to "Output" other colors, the spot colors **cannot** be aliased to another separation!

- 11 • Check the Imposition check box if you want to override the imposition page feature previously used in the page setup with a new imposition from the Imposition tab. See “Creating Impositions” on page 35.

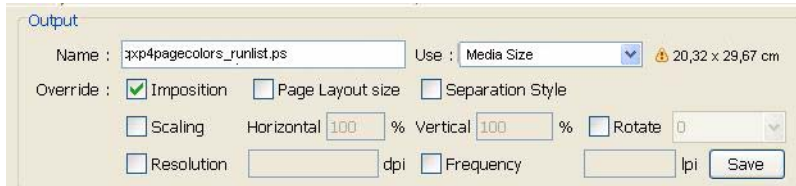


Figure 1.30 Output section – override imposition

- 12 • Select a page size from the Use drop-down list in the Output section.

The page sizes listed are available from the PDF file.

Note: You must select the proper setting in the RIP’s Page Setup: PDF Options: Page Size Bounding Box. Otherwise, the page size in the imposition may not be correct, resulting in a page size mismatch.

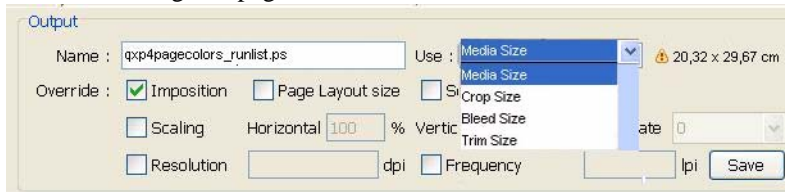


Figure 1.31 Use page size for output

- 13 • If page sizes differ or are missing a warning appears in the Output section. Use mouse over to see details.

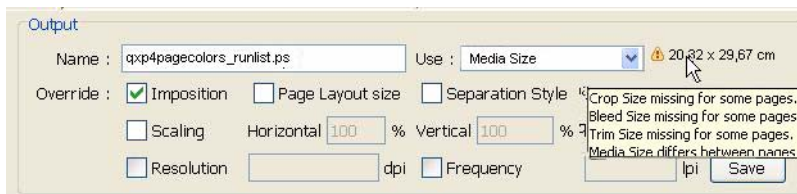


Figure 1.32 Page size warning

- 14 • The Name field in the Output sections suggests a name for the runlist file.
Keep the name or save the runlist under a different name.

Chapter 1 • Using ImposeMate

Creating RunLists

- 15 • Select the Save RunList command from the File menu, or click the Save button in the Output section.

This opens the Save dialog.

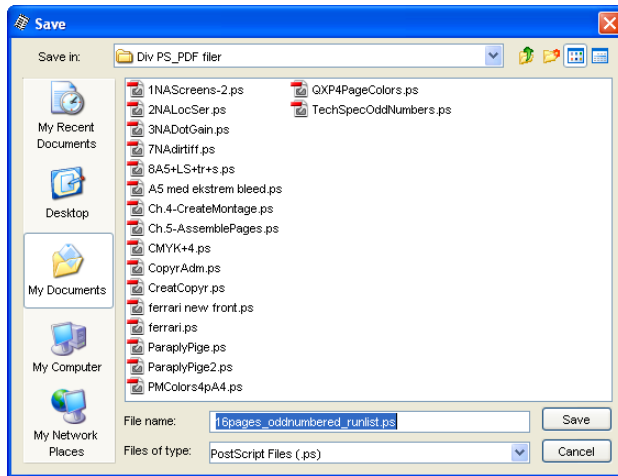


Figure 1.33 Save Runlist file

- 16 • Keep the suggested file name or save the Runlist under another descriptive name.
- 17 • Browse to save the Runlist PostScript file in a folder of your own choice. Otherwise the file will be saved in the folder you have last browsed.

Note: Do not change the location of the PDF files used in the Runlist after you have saved the Runlist file. Otherwise you will not be able to output the Runlist file. This is due to the fact that the Runlist uses an absolute path as seen from the RIP.

Creating Impositions

From the Imposition tab you determine the geometry of your imposition page feature by selecting an imposition type from the Type drop-down list.

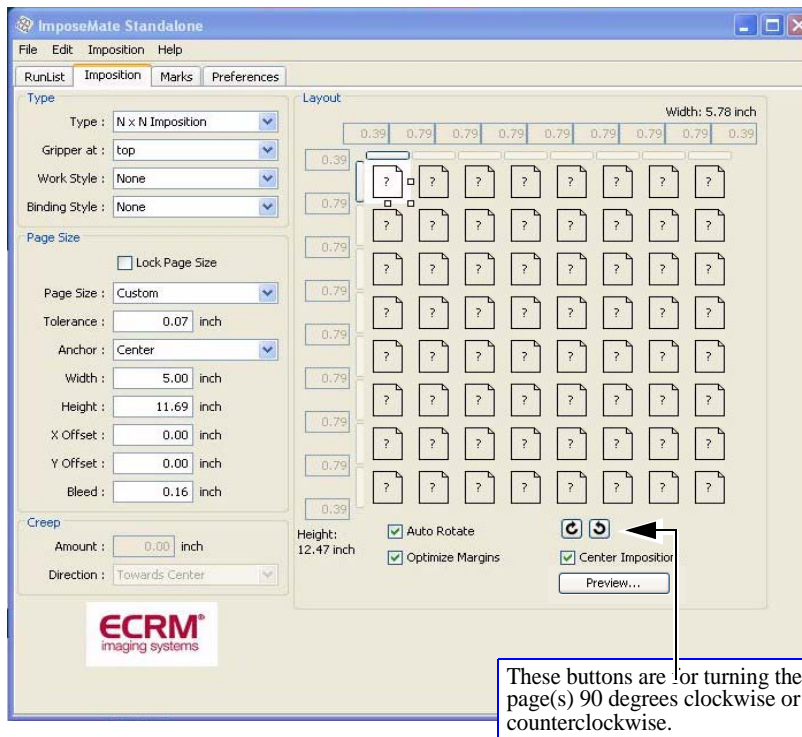


Figure 1.34 Imposition tab:

Your choice of imposition type will enable or disable additional drop-down lists in the Type section, and enable or disable entries in the Page Size and Creep sections. The Layout section will reflect the selections made in the other sections, see also “Layout section N x N Imposition” on page 44.

Note: All page positions and rotation must be done within the imposition. DO NOT use the Rotation function in Page setup. Pages will be clipped and incorrectly positioned.

Chapter 1 • Using ImposeMate

Creating Impositions

IMPORTANT: The imposition types N x N Imposition and Step'n Repeat only work with PDF files. Fill Row, Fill Column and Fill Film work with PDF and PostScript files.

The various imposition types are described in detail in the sections:

- “Imposition type N x N Imposition” on page 36
- “Imposition type Step'n Repeat” on page 53
- “Imposition types Fill Row, Column or Film” on page 61.

Imposition type N x N Imposition

When you select the "n-up" imposition type N x N Imposition you can create imposition page features for a variety of jobs while including work and binding styles, if required.

To create a "n-up" N x N imposition:

- 1 • Select N x N Imposition from the Type drop-down list.

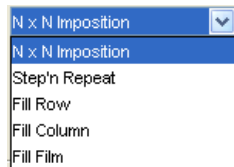
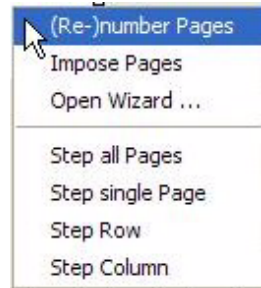


Figure 1.35 Type drop-down list

- 2 • In the Gripper at: window, select the side the gripper edge is on.
- 3 • Select a Work Style from the Work Style drop-down list.
When selecting a particular work style you choose the way a press sheet is handled in the printing press. For more details, see “Work styles” on page 10.
You can choose between:
 - None – covers no particular work style, each flat has the same page order
 - Sheetwise – each flat has a different page order, i.e. front and back are imposed differently.

- Perfector – each flat has a different page order, i.e. front and back are imposed differently and the back is turned 180 degrees compared to Sheet-wise.
- Custom - page placement on the flat is manual, using no predictable order. When custom is selected as a work style, the "Binding Style" drop-down list changes to "Flats:" Enter the number of flats in the imposition here.
Also, right clicking on the Imposition layout opens a drop-down list (figure at right) you can use to create a layout which can then be modified.



- 4 • Select a Binding Style from the Binding Style drop-down list.

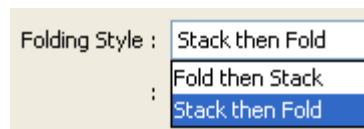
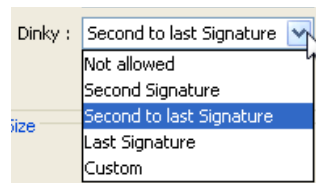
When selecting a particular binding style you choose the binding style for the publication in advance. For more details, see “Binding styles” on page 11.

You can choose between:

- None (no particular binding style)
- Perfect Bound
- Saddle Stitched

When you select the Perfect Bound or Saddle Stitched binding style you will also be able to compensate for creep, for more details see the sections “Shingling (creep)” on page 12 and “Creep section N x N Imposition” on page 43.

Also, when the Saddle Stitched binding style is selected, you can access the Dinky :selection menu. If your imposition is a 4up or larger, you can also access the the Folding Style: selection menu shown at the right to select the *Fold then Stack* or the *Stack then Fold* folding style.



Chapter 1 • Using ImposeMate

Creating Impositions

Page Size section N x N Imposition

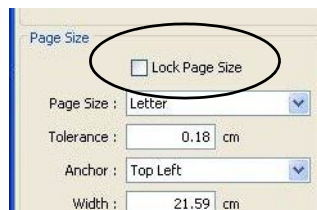
- 5 • Select a page size from the Page Size drop-down list.
 - Select Custom to create a custom size by entering the size in the Width and Height fields of the Page Size section
 - Select Predefined page sizes (A0, A1, A2 etc.) from the list of available page sizes

Note: Opening a PDF file or runlist, or checking override imposition (RunList Tab), or selecting a Value in use: (RunList Tab) will change the page size values in the Imposition Tab to match the PDF file in the runlist!

TIP: The RIP offers several PDF options to control page placement. When using ImposeMate's N x N Imposition or Step'n Repeat imposition, you will often need to select the TrimBox option from the Page Size bounding box drop-down list, which is located in the RIP's Edit Page Setup dialog's PDF Options dialog.

Note: If you generate PDF files from QuarkXPress on a Macintosh, do not use the Save as PDF option, which will use the page size from the printer, but save as PostScript first and then use a distiller, for example PDFMate, to create the PDF file. InDesign, on the other hand, will create PDF files with valid page size information, such as trim box size. If you use other applications to create PDF files, please check the resulting PDF files for valid page size information.

If you want to lock the imposition page size, check the **Lock Page Size** checkbox (see figure at the right). Doing this will force the imposition to always use the specified page size.



- 6 • Enter a Tolerance value.

This setting applies to impositions with mixed page sizes. If the second page in a runlist (see “Creating RunLists” on page 22) is bigger than the first page and the difference in page size (width or height) exceeds the value in the Tolerance field the imposition job will error.

You can set the value as required. The first page in the runlist is the reference page. This means that if page 1 in the runlist is size A4, page 2 can be size A5, but not size A3, because this size will exceed the Tolerance value in reference to page 1.

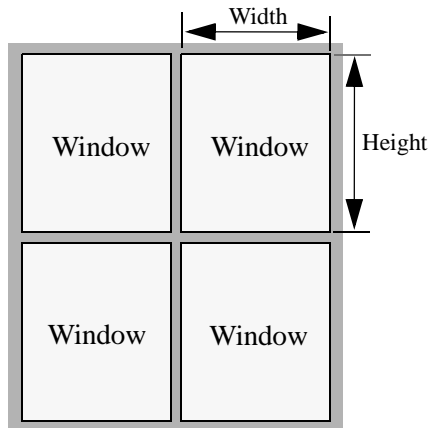
Note: This feature can be disabled using the "Page size mismatch" feature in the Preferences tab.

1 • Specify an Anchor point for the pages.

The Anchor at: parameter lets you choose how to anchor pages in the imposition. This is important for controlling pages that are not exactly the same size as the "window" in the imposition.

Anchoring occurs in the *imposition window* (the area reserved for containing a page in the imposition). The imposition window's height and width are defined by the Height: and

Width: Page Size settings. Using the Anchor feature, you select one of nine locations in the imposition window as an anchor point for the page the window will contain.



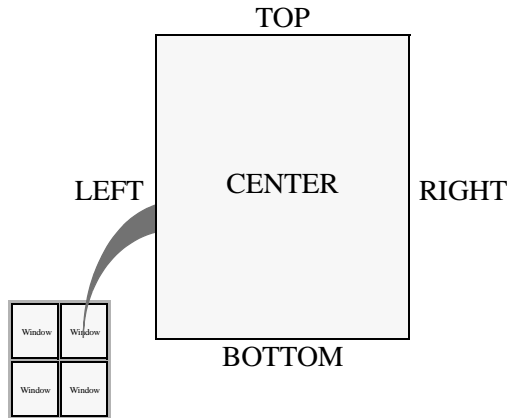
Chapter 1 • Using ImposeMate

Creating Impositions

The anchor point choices are Top Left, Top Center, and Top Right; Bottom Left, Bottom Center, and Bottom Right; and Center Left, Center, and Center Right.

In the choices, **top, bottom, left, right and center** are **ALWAYS with respect to the head of the page**. This is important to remember when looking at page displays in

both the FolderWizard and the Page Layout window. Both use a dog-eared corner to represent the head of the page. However, in the FolderWizard the dog-eared corner rotates to a new orientation in each new view, whereas in the Page Layout display it is always displayed the same way, with the dog-ear in the upper right corner.

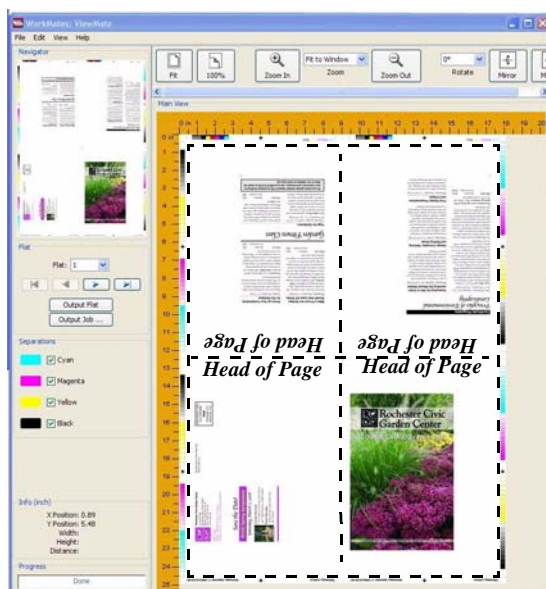


Anchor Examples

The figure at the right shows a 4 x 4 imposition with Anchor: selected for Center Left.

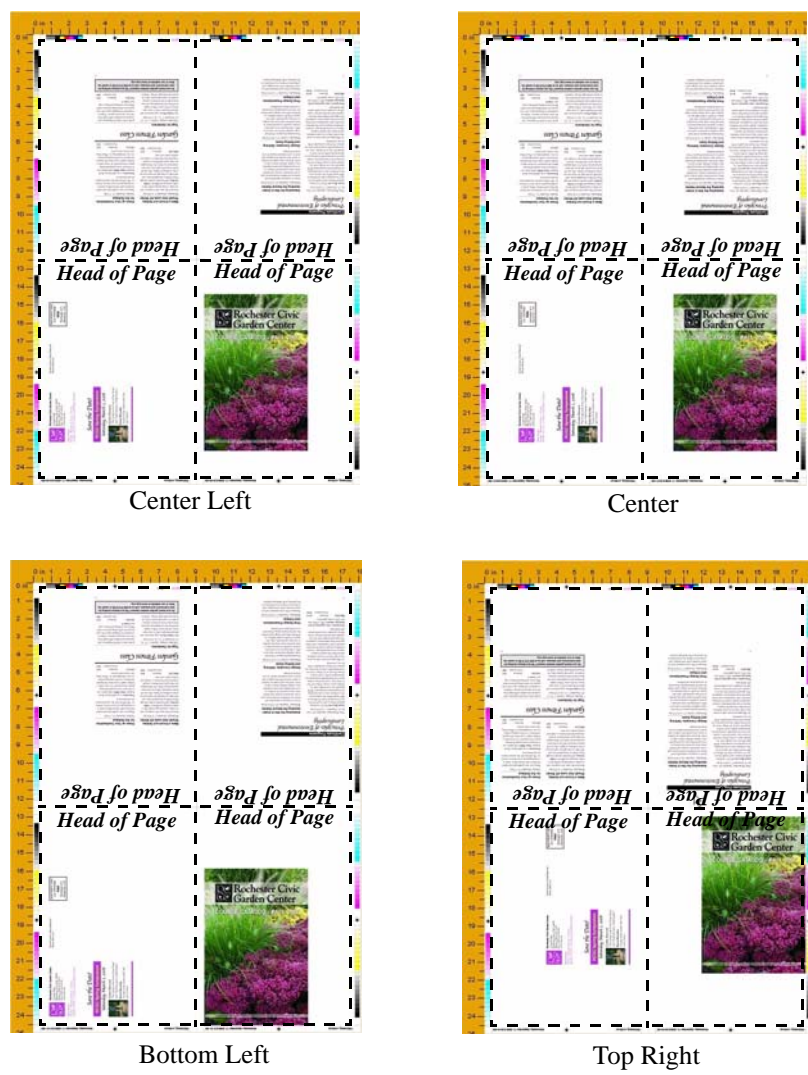
This selection causes every page in the imposition to be anchored center left in its imposition window.

The figure below shows a ViewMate preview of what our 4 x 4 center-left imposition will look after being printed. We added the dashed lines and italic text to help you see the imposition windows and to emphasize the head orientation of the pages.



Chapter 1 • Using ImposeMate
Creating Impositions

The next figure repeats the imposition in the preceding figure and shows how the same imposition would look for three other anchor selections.



- 2 • Add an X or Y offset to the selected page size.

Page offsets are useful, if all pages in the layout need to be adjusted to allow more margin for e.g. a spiral bound book or if the document size defined in the application is different from the required final trim size (= finished size of the printed document).

TIP: Offset values can be found in the RIP log as the first numbers in the Trim-Box [x,y ...] array for the PDF file.

- 3 • Add a bleed to the selected page size.

The bleed area is added to all four sides of each page and prints beyond the edge of the finished page.

Note: Bleed will only bleed into the gutters. If the gutter is 0, there will be no bleed.

Creep section N x N Imposition

- 4 • Enter an amount of shingling in the Creep section.

The Creep section offers shingling to compensate for creep and applies to the Perfect bound or Saddle stitched binding method.

Creep occurs when imposed signatures are folded and the image area of the inside pages extends beyond the image area of the outside pages. The amount of creep depends on the number of folds and the paper thickness used. Shingling is the process of moving the image area to compensate for the creep. See also “Shingling (creep)” on page 12.

In the ImposeMate Creep section’s Amount field you specify how much you want to move the image area in the direction you select from the Direction drop-down list.

The specified shingling amount is the distance between the outermost page and the innermost page:

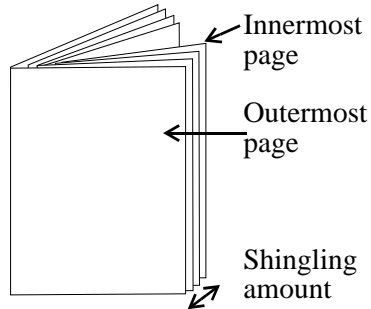


Figure 1.36 Shingling amount

The following may serve as a guideline to determine the amount of shingling: divide total pages in the signature by 4, then multiply that number by the thickness of the paper.

- If you select the direction *Away from Center* you move the image area on the pages within each signature from the innermost pages (Center) and outwards to the outermost pages, i.e. away from the binding.
- If you select the direction *Towards Center* you move the image area on the pages within each signature from the outermost pages and inwards to the innermost pages, i.e. towards the binding.

Layout section N x N Imposition

When you select the imposition type N x N Imposition the Layout section reflects this choice in the display of pages. In the Layout section you also deter-

mine the "n-up" size, the page numbering, the rotation, and the gutter size of your N x N imposition.

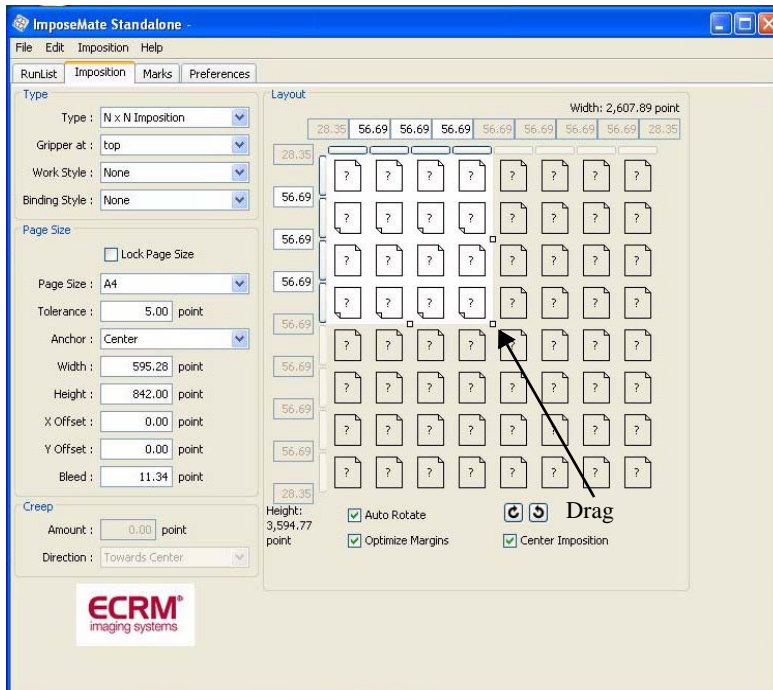


Figure 1.37 Layout for N x N Imposition

5 • Determine the size of the imposition.

Click one of the small rectangular handles positioned on the left and bottom of the imposition and drag to resize to 2-up, 4-up, 8-up or 16-up impositions.

Chapter 1 • Using ImposeMate

Creating Impositions

- 6 • Enter a left, right, top and bottom margin in the margin entry fields (if you disable the Optimize Margins function).

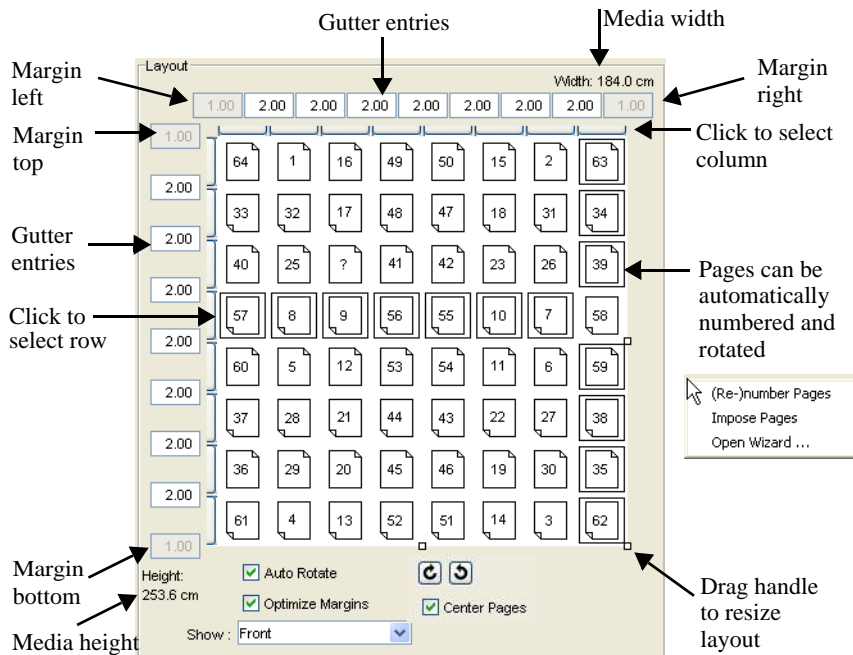


Figure 1.38 Layout for $N \times N$ Imposition: options

- 7 • Enter a horizontal and vertical gutter width in the gutter entry fields.
The gutter width is the distance between the pages vertically and horizontally.

- 8 • Rotate pages manually as required.

You can select and rotate a page, a row or a column of pages 90 degrees clockwise or counter clockwise using the Turn Page commands in the Edit menu, see “Edit menu” on page 20.

If you work with Auto Rotate enabled, remaining pages, rows or columns of pages will rotate automatically according to the top-left page. Alternately, control-click more pages, rows or columns and rotate them in one go. To select a row or column point to the small rectangular field next to the row or column.

- 9 • Keep the Auto Rotate check box enabled if you want ImposeMate to automatically rotate pages.
- 10 • Determine page numbers and page order either by writing a number in each page or using **one** of the numbering functions.

Right-click (ctrl-click on a Mac) in the Layout section and a numbering menu with the (Re-)Number Pages, Impose Pages and Open Wizard commands appears.

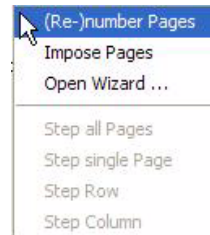


Figure 1.39 Layout numbering menu

Note: Order is critical. Work style and Binding style **must** be selected before selecting a page numbering scheme. The numbering scheme uses these selections to determine the numbering sequence.

- 11 • Select (Re-)Number Pages to number all pages consecutively. This is useful for step and repeat jobs.
- 12 • Select Impose Pages for imposition jobs and all pages are automatically filled with valid page numbers.
With Auto Rotate enabled the pages will also rotate automatically to the proper orientation relative to the top left page while numbered. Impose Pages numbers work for 1 x 1, 1 x 2, 2 x 2, 2 x 4, 4 x 4, 4 x 8 and 8 x 8 impositions.

When you select Sheetwise or Perfector as work style and use the Impose pages function the page order and page orientation will be automatically created to fit the selected work style.

Note: If you print a 16 page PDF file using an imposition page feature with a saddle stitched 4-up imposition, then the imposition page feature itself will automatically generate the second signature and renumber the pages on the first signature. Be aware of what happens if you print a file that does not contain 8, 16, 24, 32 ... pages. In that case the last signature will contain blank pages, which may not be what you want (sometimes you want the middle signature to be different).

Chapter 1 • Using ImposeMate

Creating Impositions

- 13 • Select Open Wizard to open the WorkMates FolderWizard.
This utility will assist you in folding and number "n-up" imposition jobs. See "WorkMates FolderWizard" on page 49 for more details.
- 14 • Keep the Optimize Margins check box enabled to automatically make sure that there is room enough for imposition marks and additional macro-based imposition marks.
See "Adding Marks" on page 66 for details.
- 15 • Keep the Center Imposition check box enabled if you want ImposeMate to automatically center pages around a center punch.
For example, if you add a left-aligned annotation mark, which takes up 5.08 mm margin space to the left, ImposeMate will automatically center pages by adding another 5.08 mm space to the right margin. The function works for both horizontal and vertical margins.

Show Front or Back

- 16 • When you select N x N Imposition and the work style Sheetwise or Perfector you also have the option of showing either Front or Back of the signature.
When you select Custom work style, the selection is used to show each flat.
- 17 • Save the finished N x N Imposition page feature. If editing an existing imposition, use Save Imposition to save changes.

WorkMates FolderWizard

The WorkMates FolderWizard helps you create and fold a "n-up" imposition layout.

- 1 • Select the Open Wizard command from ImposeMate's Edit menu.
Alternatively, press shift-ctrl-N (shift-cmd-N on a Mac) to open the wizard or right-click (ctrl-click on a Mac) in the Layout section to open the numbering menu and then select Open Wizard:

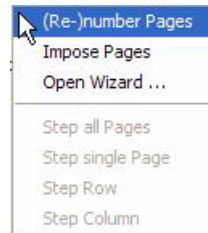


Figure 1.40 Numbering menu

- 2 • The FolderWizard opens in a separate window.

The rectangular graphic in the center of the window represents the first page in a **folded** imposition dummy. The four buttons surrounding the graphic each indicate an **unfolding** direction. The folds determine the page order, and while unfolding the publication the page numbers are displayed.

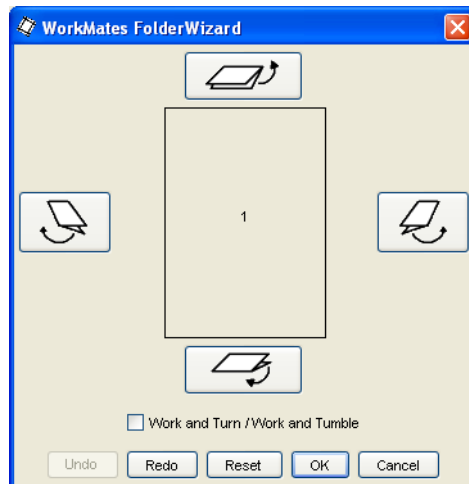


Figure 1.41 WorkMates FolderWizard

- Select the Work and Turn/Work and Tumble check box if your imposition will be laid out on one plate. When this option is checked the work style

Chapter 1 • Using ImposeMate

Creating Impositions

will be set to None. See also *Chapter 2 • ImposeMate Tutorial* for more details on Work and Turn and Work and Tumble impositions and how they are printed on the press sheet.

- Uncheck the Work and Turn/Work and Tumble check box if your imposition requires two plates, one for the front and one for the back of a press sheet. When this option is unchecked the work styles Sheetwise or Perfector must be used. If None was selected in Work style, it will be changed to Perfector.

Warning: Do not change the Work and Turn/Work and Tumble setting after you have started unfolding.

When the wizard is opened, Work and Turn/Work and Tumble is either checked or unchecked, depending on the Work style setting. Changing the Work and Turn/Work and Tumble checkbox will change the Work style.

- 3 • Start folding using the fold buttons.

To unfold and number an ordinary sheetwise 8-up imposition foot to foot, you click the left (1), bottom (2) and right (3) fold button, in that order.

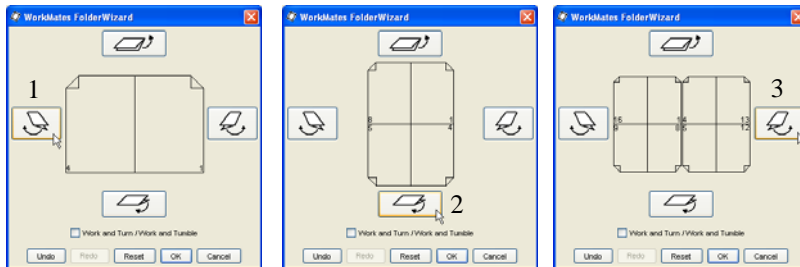


Figure 1.42 Folding a 8-up imposition left to right

- Note that for publications with the spine to the left of the front page, the left button will be the first button to press in the FolderWizard. For publications with the spine to the right of the front page, the right hand button will be the first to press.
- The second button to press will typically be either the top or the bottom button, resulting in a head-to-head type of imposition or foot-to-foot type of imposition, respectively.

- The third button to press will typically be either the left or the right button, but there are, however, no rules from this point.

Instead of the buttons you can use the keyboard shortcuts Alt-arrow left, Alt-arrow down and Alt-arrow right to obtain the same folding.

Use the Undo (Ctrl-Z or Cmd-Z on Mac), Redo (Shift-ctrl-Z or Shift-cmd-Z on Mac) or Reset buttons to adjust the folding, if required.

- 4 • Click OK when the layout is complete to close the FolderWizard window and return to the ImposeMate window.

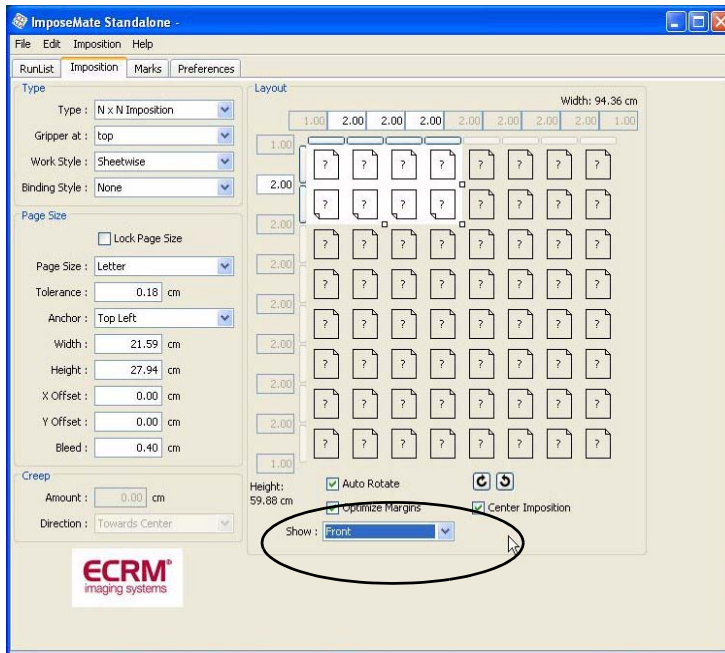


Figure 1.43 ImposeMate 8-up layout – front

Chapter 1 • Using ImposeMate

Creating Impositions

The Layout section displays the layout you created. In this case the Work and Turn/Work and Tumble check box was disabled and the FolderWizard created an 8-up imposition layout with front and back.

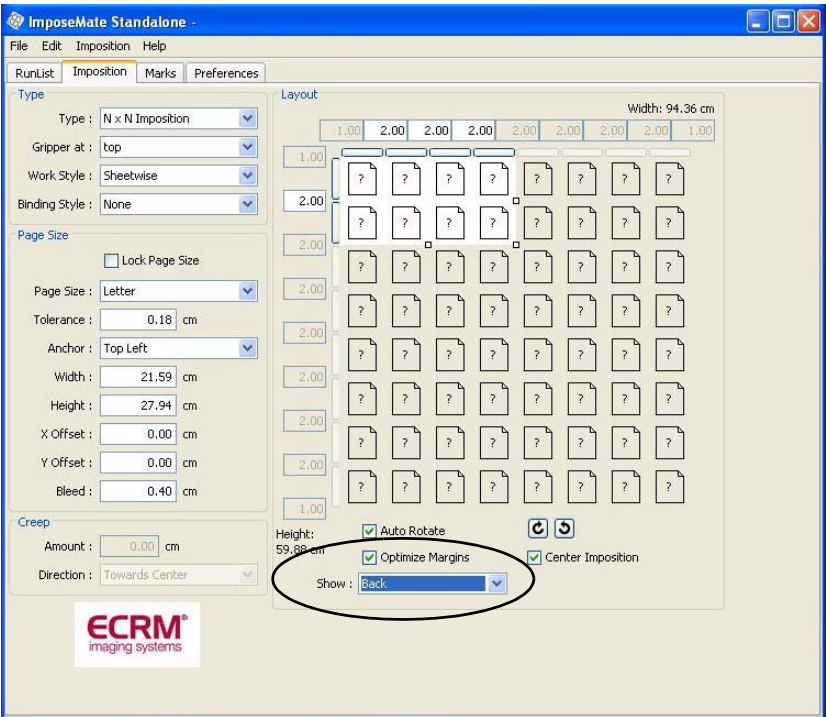


Figure 1.44 ImposeMate 8-up layout – back

- 5 • The FolderWizard displays 'portraitwise.' Use the Turn Sheet commands from the Edit menu to rotate the sheet, if required.

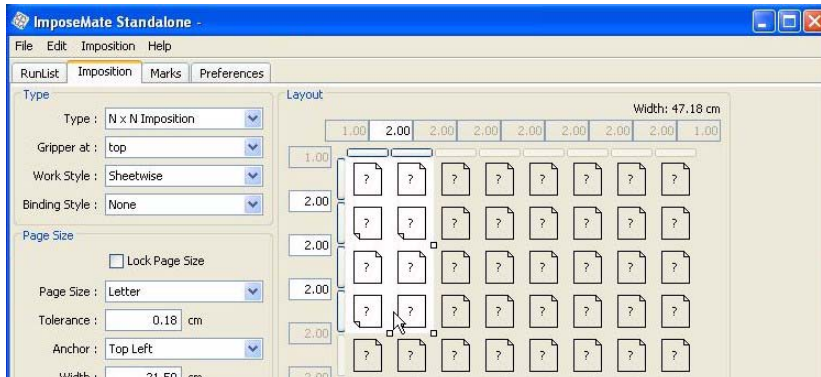
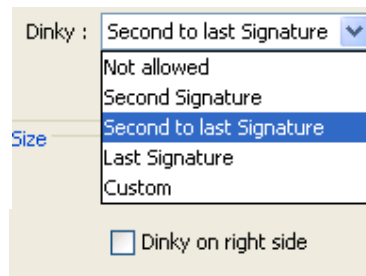


Figure 1.45 ImposeMate 8-up layout – Turn Sheet CW

ImposeMate can handle the imposition of a dinky. (A dinky occurs when the page count does not "fill" the imposition. Typically, a Dinky is one-half of a signature.)

To enable the imposition of a dinky, first select either the "Perfect Bound" or the "Saddle Stitched" Binding style, and then a Folding style of "Stack then fold". Then select the Dinky placement (see the figure at the right). If a position is desired that is not offered in the popup menu, select "Custom" and specify the signature.



Note: The Dinky on right side checkbox, alternates the side of the signature where the dinky is placed.

Imposition type Step'n Repeat

When you select Step'n Repeat the Page Order pop-up list becomes available along with entry fields for the required horizontal and vertical steps. The entries of the Page Size section are also fully available.

Chapter 1 • Using ImposeMate

Creating Impositions

To create a Step'n Repeat imposition:

Type section Step'n Repeat

- 1 • Select Step'n Repeat from the Type drop-down list.
- 2 • Select page order.

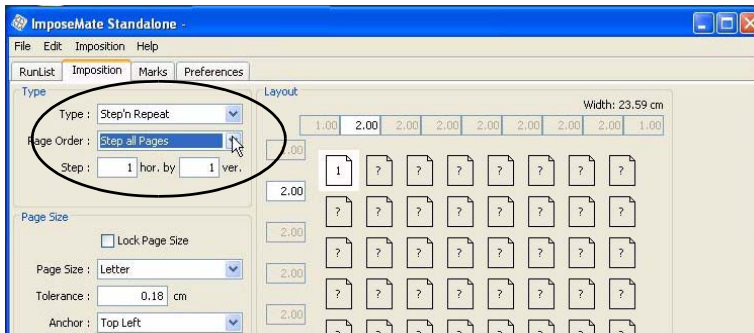


Figure 1.46

If you select...

Step all Pages- you can use any number of PDF files in your step and repeat job. Use the RunList editor to define the sequence of the PDF files. See “Creating RunLists” on page 22 for more information.

Step single Page - you can use a single page PDF file (or only the first page of the PDF file) only in your step and repeat job. This page will be stepped and repeated as defined in the horizontal and vertical step entry fields.

Step Row - you can define a row of pages and it will be repeated down the page. Use the RunList editor to define the sequence of the PDF files. See “Creating RunLists” on page 22 for more information.

Step Column - you can define a column of pages and it will be repeated across the page. Use the RunList editor to define the sequence of the PDF files. See “Creating RunLists” on page 22 for more information.

Fill in the Step entry fields for the required horizontal and vertical pages in the imposition.

Page Size section Step'n Repeat

- 1 • Select a page size from the Page Size drop-down list.
 - Custom to create a custom size by entering the size in the Width and Height fields of the Page Size section
 - Predefined page sizes (A0, A1, A2 etc.) from the list of available page sizes

TIP: The RIP offers several PDF options to place pages. When using ImposeMate's N x N Imposition or Step'n Repeat imposition types you will often need to select the TrimBox option from the Page Size bounding box drop-down list, which is located in the RIP's Edit Page Setup dialog's PDF Options dialog.

Note: If you generate PDF files from QuarkXPress on a Macintosh, do not use the Save as PDF option, which will use the page size from the printer, but save as PostScript first and then use a distiller, for example PDFMate, to create the PDF file. InDesign, on the other hand, will create PDF files with valid page size information, such as trim box size. If you use other applications to create PDF files, please check the resulting PDF files for valid page size information.

- 2 • Enter a Tolerance value.

This setting applies to impositions with mixed page sizes. If the second page in a runlist is bigger than the first page and the difference in page size (width or height) exceeds the value in the Tolerance field the imposition job will error.

You can set the value as required. The first page in the runlist is the reference page. This means that if page 1 in the runlist is size A4, page 2 can be size A5, but not size A3, because this size will exceed the Tolerance value in reference to page 1.

Note: This feature can be enabled or disabled. See "Page Size Mismatch" in the Preferences tab.

- 3 • Enter an Anchor value.

This setting specifies how to place the page in the imposition. Options include Top Left, Top Center, Top Right, Center Left, Center, Center Right, Bottom Left, Bottom Center, and Bottom Right.

Chapter 1 • Using ImposeMate

Creating Impositions

- 4 • Add an X or Y offset to the selected page size.

Page offsets are useful, if all pages in the layout need to be adjusted to allow more margin for e.g. a spiral bound book or if the document size defined in the application is different from the required final trim size (= finished size of the printed document).

TIP: Offset values can be found in the RIP log as the first numbers in the Trim-Box [x,y ...] array for the PDF file.

- 5 • Add a bleed to the selected page size.

The bleed area is added to all four sides of each page and prints beyond the edge of the finished page. (Bleed will only bleed into the gutters. If the gutters are set to zero (0), there will be no bleed.)

Layout section Step'n Repeat

When you select the imposition type Step'n Repeat the Layout section reflects the entered horizontal and vertical steps in the display of pages. It also reflects whether you step a single page, several pages, rows or columns.

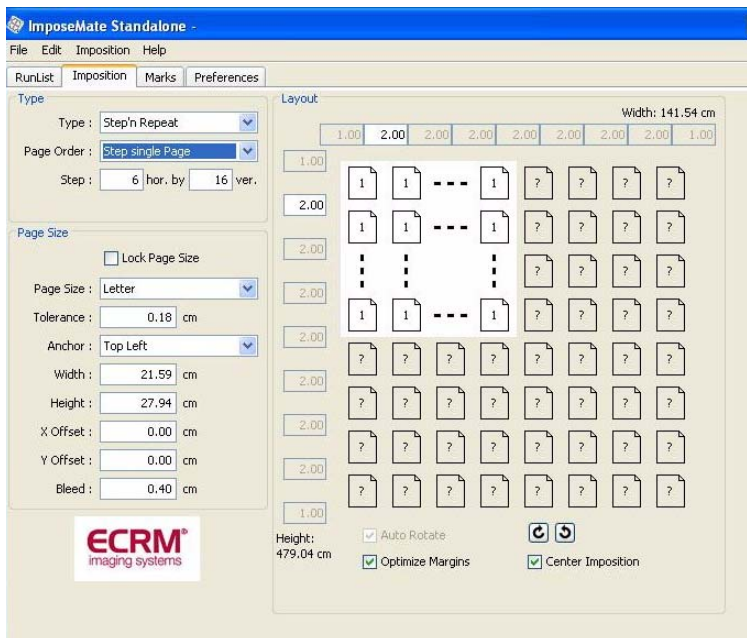


Figure 1.47 Layout Step'n Repeat single page PDF file

Chapter 1 • Using ImposeMate
Creating Impositions

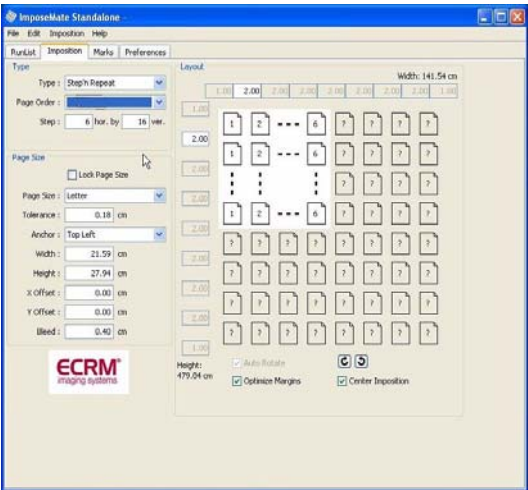


Figure 1.48 Layout Step'n Repeat more pages/files

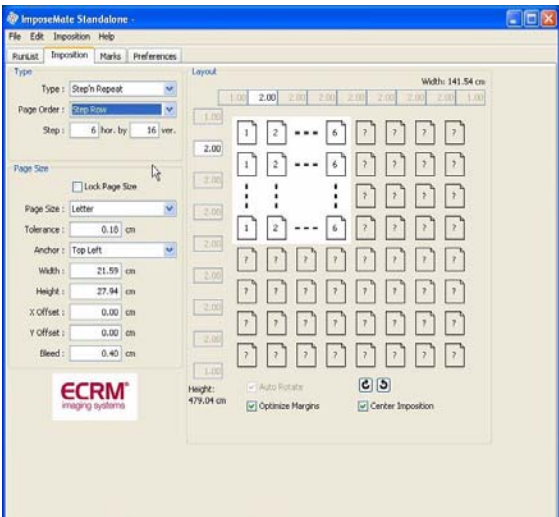


Figure 1.49 Layout Step'n Repeat Rows



Chapter 1 • Using ImposeMate

Creating Impositions

- 6 • Enter a left, right, top and bottom margin in the margin entry fields (if you disable the Optimize Margins function).

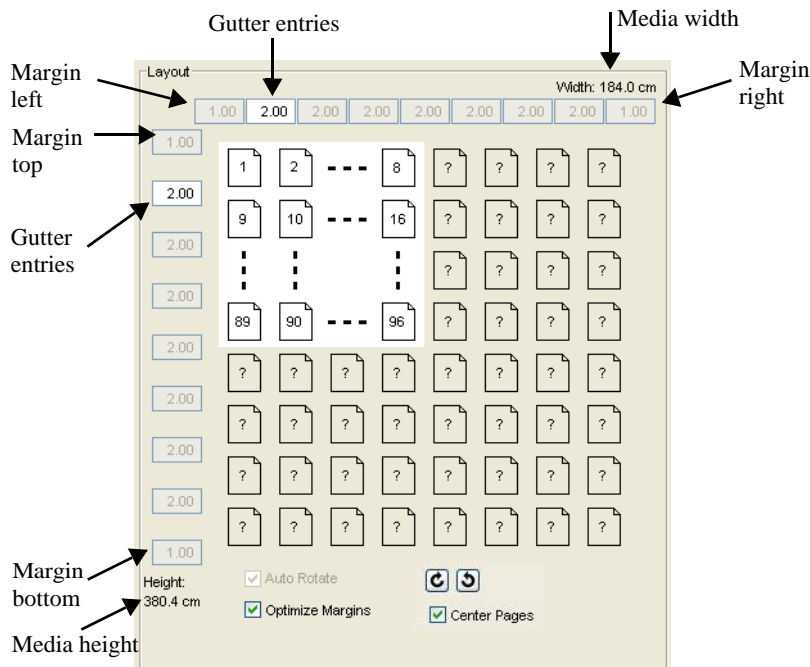


Figure 1.51 Layout for Step'n Repeat: options

- 7 • Enter a horizontal and vertical gutter width in the gutter entry fields.
The gutter width is the distance between the pages vertically and horizontally.
In a Step'n Repeat job you only need to enter one vertical and one horizontal gutter value.
- 8 • Rotate pages manually as required.
You can select and rotate all pages 90 degrees clockwise or counter clockwise using the Turn commands in the Edit menu, see "Edit menu" on page 20.
Auto Rotate is always enabled (cannot be disabled), and all pages will rotate automatically according to the top-left page.

- 9 • Keep the Optimize Margins check box enabled to automatically make sure that there is room enough for imposition marks and additional macro-based imposition marks.
See “Adding Marks” on page 66 for details.

- 10 • Keep the Center Imposition check box enabled if you want ImposeMate to automatically center pages around a center punch.

For example, if you add a left-aligned annotation mark, which takes up 5.08 mm margin space to the left, ImposeMate will automatically center pages by adding another 5.08 mm space to the right margin. The function works for both horizontal and vertical margins.

- 11 • Save the finished Step’n Repeat page feature.

Imposition types Fill Row, Column or Film

When you select the imposition types Fill Row, Fill Column or Fill Film you determine the page order in your imposition page feature from the Page Order drop-down list.

TIP: The RIP offers several PDF options to control page sizes. When using ImposeMate’s Fill Row, Fill Column or Fill Film imposition types you will often need to select the MediaBox option from the Page Size bounding box drop-down list, which is located in the RIP’s Edit Page Setup dialog’s PDF Options dialog.

To create a Fill Row, Fill Column or Fill Film imposition:

Type section Fill...

- 1 • Select Fill Row, Fill Column or Fill Film from the Type drop-down list.

- 2 • Determine the page order in your imposition page feature from the Page Order drop-down list.

Table 1.1 Page order options Fill...

Fill Row page order	Fill Column page order	Fill Film page order
<div>Left to right Right to left</div>	<div>Top down Bottom up</div>	<div>Top down from left Bottom up from left Top down from right Bottom up from right Left to right from top Right to left from top Left to right from bottom Right to left from bottom</div>

The page order is reflected in the display of pages in the Layout section, for details see “Layout section Fill...” on page 63.

- 3 • Check the Step single page check box, if you want to step a single page PDF only.
If you enable the Step single page check box you can use a single page PDF file only in your step and repeat job.
 - When checked the RIP will step the page using the selected imposition type. The RIP calculates the number of steps and the distance between the stepped pages.
 - Note that the calculation of the number of steps is based on the MediaBox size from the actual PDF file. The calculation is not accurate as the RIP calculates the distance between the pages on-the-fly. The result is that the RIP can calculate one step (=page) short or too much. One step too much will result in waste of media (=an extra film) and one step too short in a blank space on the media.

Page Size section Fill...

- 1 • The Page Size is pre-defined (From File) and cannot be changed.

- 2 • Tolerance value. - is pre-defined (From File) and cannot be changed.
- 3 • Bleed is pre-defined (From File) and cannot be changed.

Layout section Fill...

When you select the imposition types Fill Row, Fill Column or Fill Film the Layout section reflects your selection from the Type and the Page Order drop-down list.

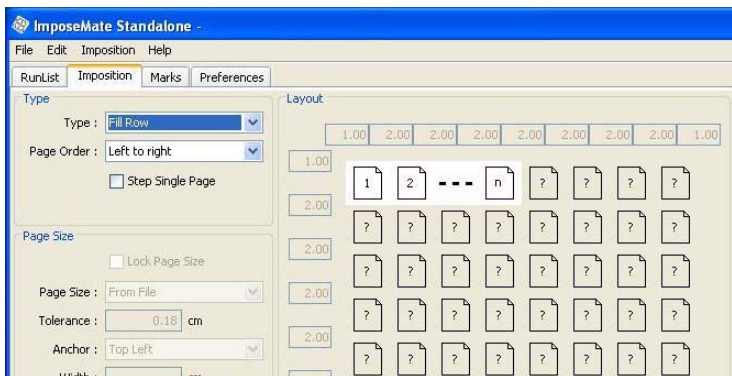


Figure 1.52 Layout for Fill Row

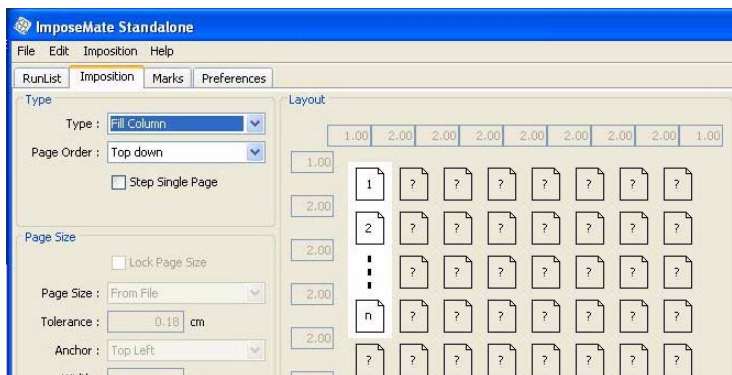


Figure 1.53 Layout for Fill Column

Chapter 1 • Using ImposeMate

Creating Impositions

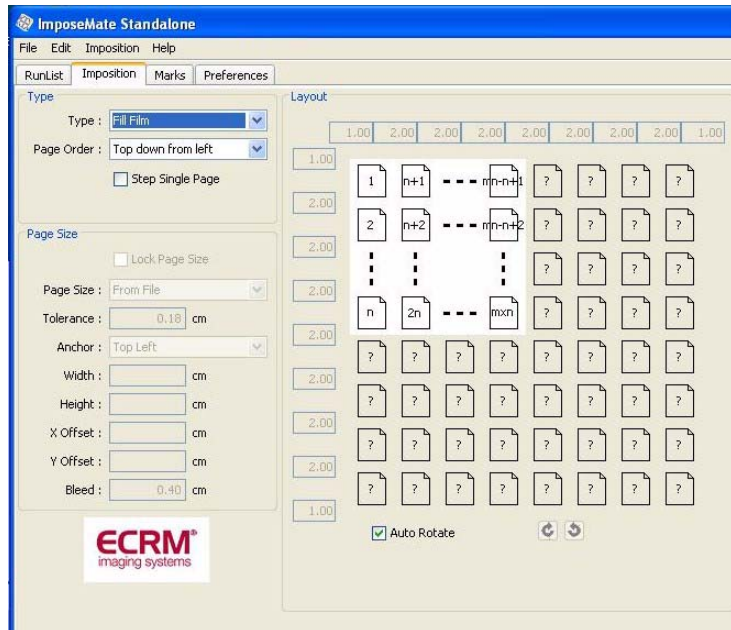


Figure 1.54 Layout for Fill Film

- 4 • Rotate pages using the Turn commands of the Edit menu (only if Auto Rotate is disabled).
- 5 • Enable/disable the Auto Rotate function.

Note that when Auto Rotate is enabled you cannot manually rotate pages. If you keep Auto Rotate enabled you allow pages to be auto-rotated in the RIP in order to save film or plate material. For example, portrait pages in a row may be rotated to landscape pages to save media.

Note: If you output a job that use Fill... to the RIP's TIFF device you need to define the wanted exposure format in the RIP's Page Setup Manager>Page Setup>Page layout>Page size.

- 6 • Save the finished Fill... page feature.

Viewing the Imposition Thumbnails

This utility allows you to view the imposed flats and pages as thumbnails.

- 1 • Select the Preview button, or the Open Thumbnail View... command from ImposeMate's Edit menu.
Alternatively, press shift-ctrl-U (shift-cmd-U on a Mac) to open the wizard.

A separate Thumbnail View window opens.

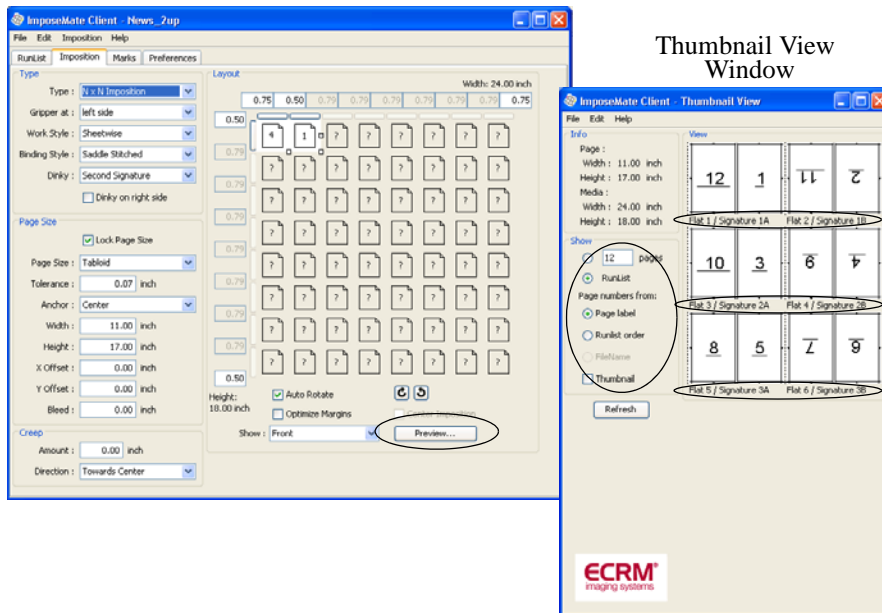


Figure 1.55 Imposition Thumbnail Window

- 2 • In the "Show" section, select the radio buttons to choose to view the pages from the RunList or a set number of pages. Also select the page numbering scheme; Page number from PDF file, RunList order or from Filename (NewsMate Plus).
- 3 • Use the scroll bar on the right to move forward or backward through flats in sequential order. As you do, refer to the displayed Flat number(s) to track which flat(s) are being displayed.

Printing the Imposition Thumbnails.

- 1 • Select the Open Thumbnail View... command from ImposeMate's Edit menu.
- 2 • Select the range of flats and/or pages you want to print.
- 3 • From the **File** pull-down, select **Print...**
- 4 • Select the printer you want to output to, and then click **OK**.

Adding Marks

The Marks tab will reflect your choice of imposition type from the Imposition tab.

- When you select the imposition types N x N Imposition or Step'n Repeat you can add imposition marks and step wedges to be positioned along the edges of the signature.

For details, see “Adding Imposition Marks and Step Wedges” on page 67 and “Adding Annotations” on page 72.

- When you select the imposition types Fill Row, Fill Column or Fill Film you can add page marks and step wedges to be positioned along the edges of the individual page.

For details, see “Adding Page Marks and Step Wedges” on page 70 and “Adding Annotations” on page 72.

Note: You cannot add individual page marks from the Marks tab to pages in an N x N imposition signature or a Step'n Repeat imposition, and you cannot add imposition page marks from the Marks tab to any of the Fill... impositions.

Adding Imposition Marks and Step Wedges

From the Marks tab you can add a variety of imposition marks to the imposition types N x N Imposition and Step'n Repeat, all positioned along the edges of the signature.

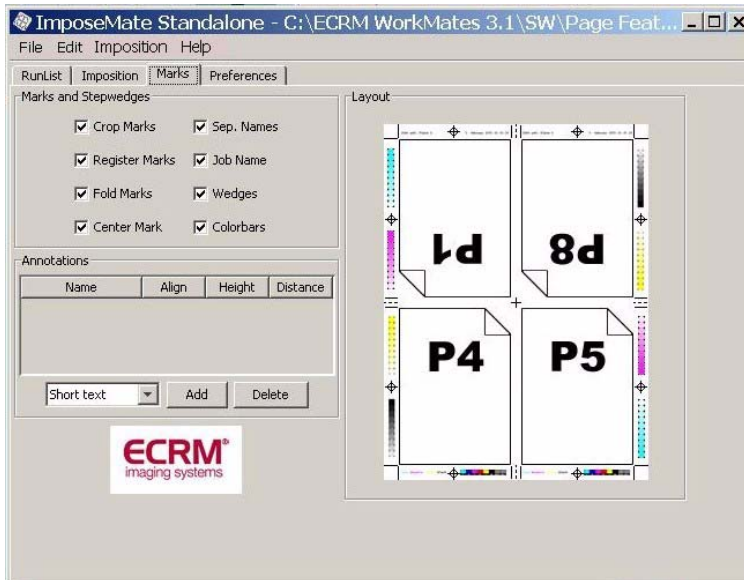


Figure 1.56 Marks tab – imposition marks

Note: You cannot add individual page marks from the Marks tab to pages in an N x N imposition signature or a Step'n Repeat imposition.

There are several ways to add imposition marks and step wedges.

Chapter 1 • Using ImposeMate

Adding Marks

To add imposition marks and step wedges:

- 1 • Right-click (ctrl-click on a Mac) within the Marks and Step Wedges or Layout section.

This opens the Select All - Select None menu.

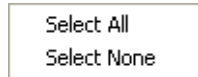


Figure 1.57 Select All / Select None menu

- 2 • Click Select All to activate all imposition marks and step wedges, and click Select None to deselect all imposition marks and step wedges.
- 3 • Alternatively, use the Select All and Select None commands from the Edit menu.
- 4 • Alternatively, check the check boxes for the required marks and step wedges individually.
- 5 • Alternatively, click the individual marks and step wedges in the Layout section. Each mark functions as a button and will – when clicked – be added to or removed from the imposition.

The Layout section displays the imposition marks as follows:

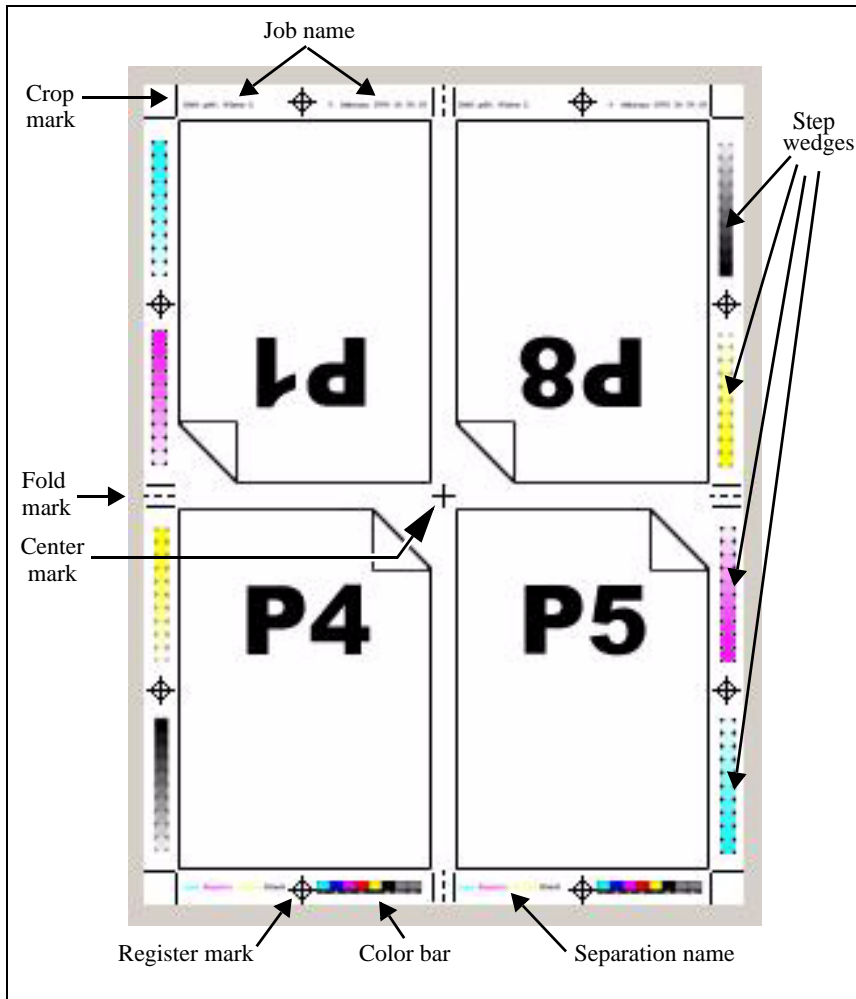


Figure 1.58 Imposition marks

Note that each displayed imposition mark also functions as a button: click the mark to add it to the imposition.

Chapter 1 • Using ImposeMate
Adding Marks

Adding Page Marks and Step Wedges

From the Marks tab you can add a variety of page marks, step wedges, and color bars to the imposition types Fill Row, Fill Column and Fill Film, all positioned along the edges of the individual page, which is suited for the Fill... imposition types.

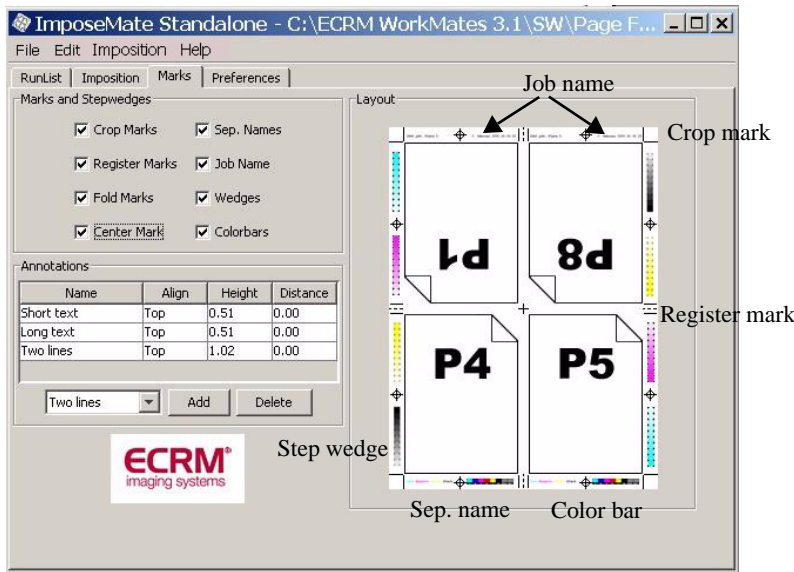


Figure 1.59 Marks tab – individual page marks

Note: You cannot add imposition page marks from the Marks tab to any of the Fill... impositions.

There are several ways to add page marks and step wedges.

To add page marks and step wedges:

- 1 • Right-click (ctrl-click on a Mac) within the Marks and Step wedges or Layout section.

This opens the Select All Select None menu.

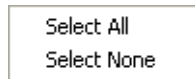


Figure 1.60 Select All / Select None menu

- 2 • Click Select All to activate all page marks and step wedges or click Select None to deselect all page marks and step wedges.
- 3 • Alternatively, use the Select All and Select None commands from the Edit menu.
- 4 • Alternatively, check the check boxes for the required page marks and step wedges individually.
- 5 • Alternatively, click the individual page marks and step wedges in the Layout section.

Each mark functions as a button and will – when clicked – be added to or removed from the imposition.

Adding Annotations

The Annotations section offers a number of text annotations that can be added and positioned on the plate. Annotations are added per media or plate. In addition, you can download a custom color bar to the RIP and add it as an annotation, see “Downloading a custom color bar to the RIP” on page 76.

Table 1.2 Default text annotations

Short text:
Time: <T, File: <F, Separations: <S
Long text:
Time: <T, File: <F, User: <U, Separations: <S, Screening: <O
Two lines:
Time: <T, File: <F, Resolution: <I, Separations: <S, Screening: <O
<cCyan><B<cMagenta><B<cYellow><B<cBlack><B<cAll> Collorset: <C, Outputdevice: <D

To create new text annotations, see “Creating Text Annotations” on page 80.

To add, change, reposition or delete a text annotation:

- 1 • To add an annotation text to the imposition, select an annotation from the drop-down list, then click the Add button.
The added text annotations are listed with name, alignment, height and distance from the media edge to the text annotation.

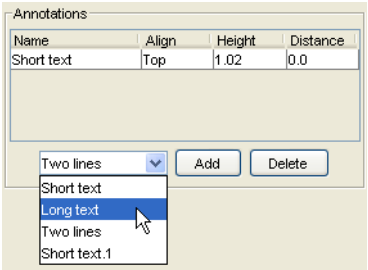


Figure 1.61 Select text annotation

- 2 • To change a text annotation, click the annotation in the list then select a new text annotation from the drop-down list that opens.

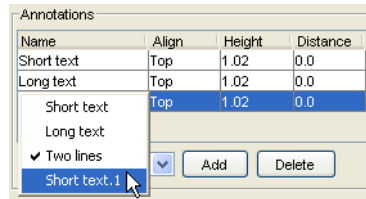


Figure 1.62 Change text annotation

- 3 • To reposition a text annotation, click the annotation in the list then select a position from the drop-down list that opens.

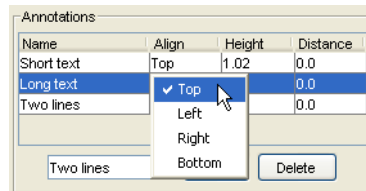


Figure 1.63 Position text annotation

WARNING: If you scale a job to which you have added annotations, the annotations will not be scaled.

Chapter 1 • Using ImposeMate

Adding Marks

Text annotations are positioned on the plate with reading directions as shown below:

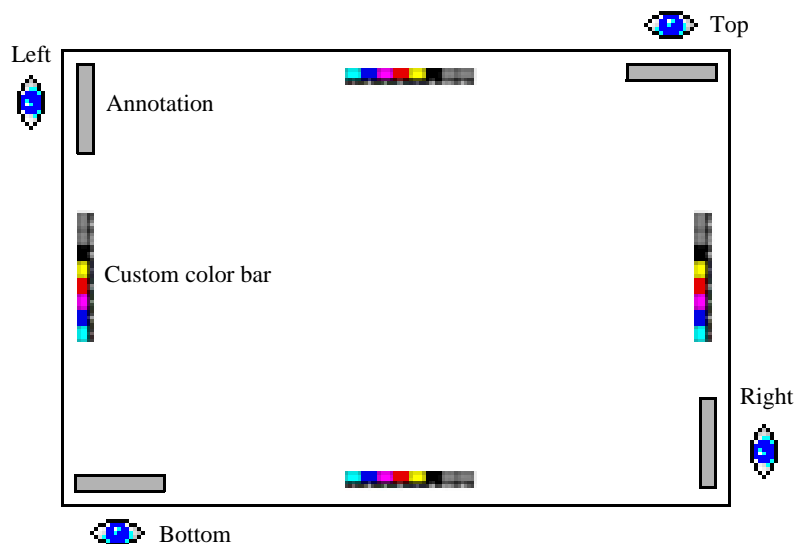


Figure 1.64 Reading directions

Position the text annotations as required for right-reading while handling the plate. If they are larger than the imposition, they start on one edge and are clipped. Custom color bars are positioned centered along the plate edge as shown above.

See also “Downloading a custom color bar to the RIP” on page 76.

The 4-up imposition below is created with a *Two lines* text annotation positioned at *Top* and a long custom color bar centered and filling out the bottom edge.

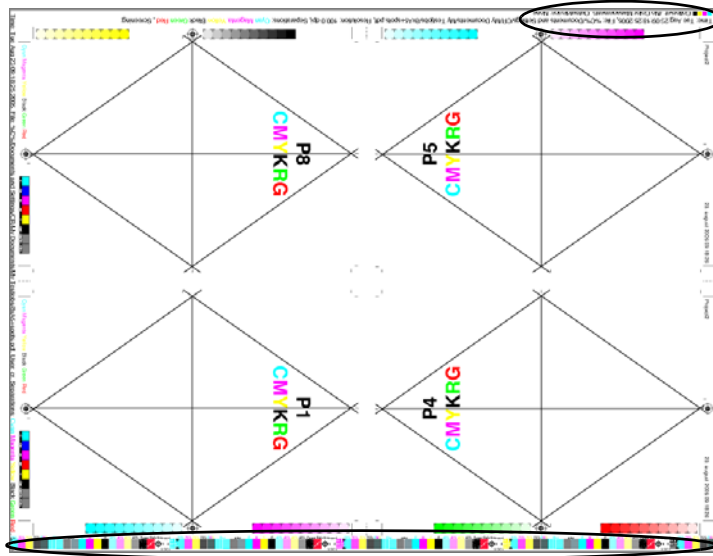


Figure 1.65 4-up imposition

- 4 • To redefine an annotation's distance from the media (plate) edge, select the annotation in the list, double-click the value in the Distance column, remove the old value using the backspace key, then enter a new value in the entry field.

The Distance value is the distance from the edge of the bitmap to the edge of the annotation. You can enter negative values. For example, if you want to position two color bars next to each other along the left side of the imposition, you set the Distance value for the first color bar to "0", then set the Distance value for the second color bar to the value that is displayed in the Height column for the first color bar. The Height value is the (estimated) height of the selected annotation.

- 5 • To remove a text annotation from the imposition, select the annotation in the list then click the Delete button.

Downloading a custom color bar to the RIP

Custom color bars can be downloaded to the RIP for use with ImposeMate. The color bar file formats may be PostScript (single page only), or EPS (including PC-format EPS).

ECRM recommends using EPS files (from e.g. Adobe Illustrator) and does not recommend using color bars on pre-separated work.

Note: Make sure that the color bar has the correct size before you install it. ImposeMate centers the color bar and clips it, if it is longer than the media, but ImposeMate does not repeat the color bar, if it is shorter than the media.

To download a custom color bar:

- 1 • Open the Page Setup Manager.
- 2 • Click New in the Page Setup Manager window to open the New Page Setup dialog.
- 3 • In the New Page Setup dialog's Processing section check the Enable Feature check box and select Install Annotation from the page feature drop-down list. Leave all other settings as is.
- 4 • Click on Save As to open the Save Setup dialog.
- 5 • Save the page setup under a descriptive name, for example "Install Annotation". The Page Setup Manager window reappears.
- 6 • Click OK to close the Page Setup Manager window.
- 7 • Open the Print File dialog.
- 8 • In the Print File file dialog browse for and select the custom color bar file.
- 9 • In the Print File dialog select Install Annotation from the Page Setup drop-down list.

- 10 • Click Print to install the color bar file on the RIP.

The color bar can now be selected from the Annotations drop-down list in ImposeMate's **Marks** tab.

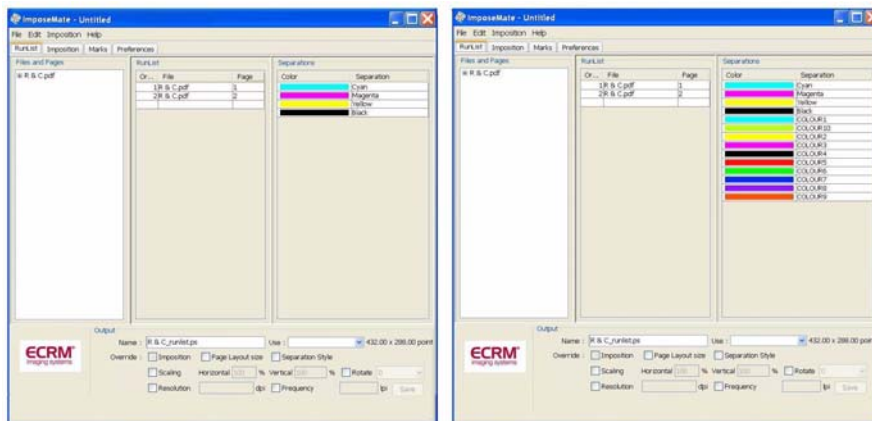
Note: If ImposeMate was running while you downloaded the color bar you will need to either restart ImposeMate or use File: > New Run List > New Imposition > Open File > Open Imposition to make the color bar appear in the Annotations list.

Displaying a color bar's colors in the Run List tab Separations panel

If you want to display a the colors in a custom color bar in the Run List Tab Separations panel, do the following:

- 1 • Make a PDF of the color bar.
- 2 • Assign the PDF the same name the color bar has in the Annotations List.
- 3 • Put the PDF of the annotation in the **.../Workmates/Data/Annotations** folder.
- 4 • Restart ImposeMate.

The figure below shows the Run List tab Separations panel for the same job before and after a PDF color bar was created and installed as described above..



BEFORE

AFTER

Defining Preferences

In the Preferences tab you can define various settings for marks, step wedges, color bars, and text annotations. Once defined, the settings will affect the marks, step wedges, color bars, and annotations in the Marks tab.

For details, see:

- “Marks and Step Wedges” on page 79
- “Color Bars” on page 80
- “Creating Text Annotations” on page 80
- “Macro Overview (text annotations)” on page 85

From the Preferences tab you can also define settings for error handling, OPI, job title, application settings (units) and device type and conditions for aborting the job.

For details, see:

- “Other Features” on page 82
- “Application Settings” on page 83.
- “Abort Job When” on page 82.

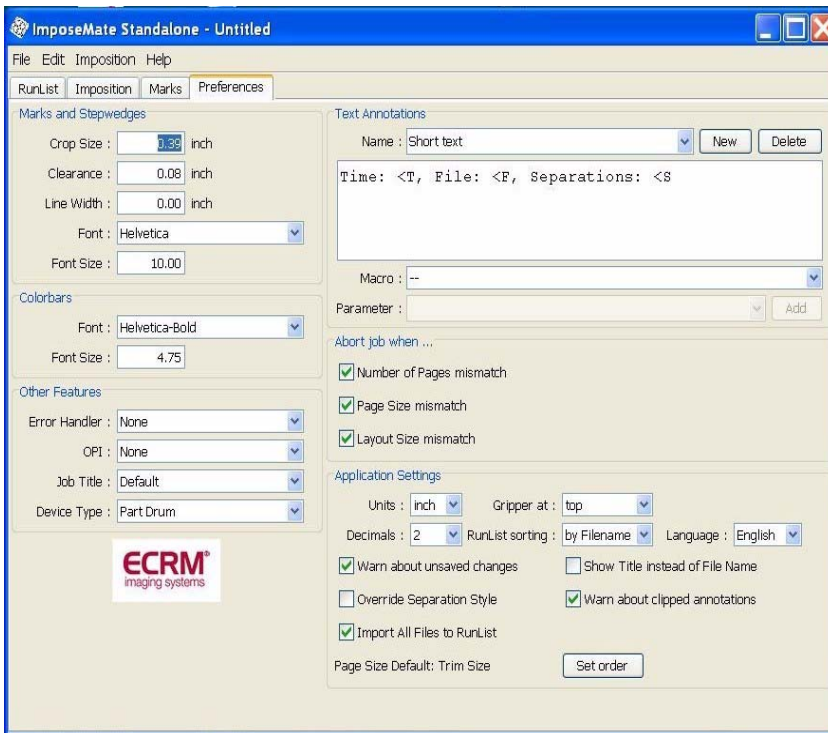


Figure 1.66 Preferences tab

Marks and Step Wedges

Crop size: Lets you set the distance from the page trim size to the outer edge of the crop mark.

Chapter 1 • Using ImposeMate

Defining Preferences

Clearance: Lets you set the distance between the page trim size and the beginning of the mark.



Figure 1.67 Crop size and clearance

Line Width: Lets you set the line width of the crop and fold marks.

Font: Lets you select a font for the separation and job name text among the available fonts on the RIP.

Font Size: Lets you select a font size for the separation and job name text.

Color Bars

Font: Lets you select a font for the color bar text among the available fonts on the RIP.

Font Size: Lets you select a font size for the color bar text.

Creating Text Annotations

This section lets you create customized text annotations containing typed-in information and/or macro-based information. The created text annotations can then be added to the imposition, see “Adding Annotations” on page 72.

To create a text annotation:

- 1 • Click the New button.
- 2 • In the Name field enter a descriptive name for the text annotation.

- 3 • To add a macro, select it from the Macro drop-down list then click the Add button.
- See “Macro Overview (text annotations)” on page 85 for details on the macro codes.
- Additionally, you can write your own text in the text field and use it in combination with the macro text.

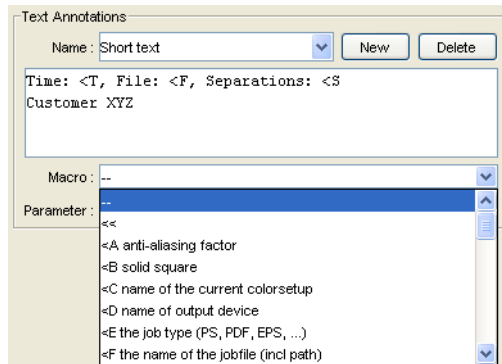


Figure 1.68 Add macro text

Some of the macros contain optional parameters that must be selected from the Parameter drop-down list. When added the text macro information is displayed in the text field by a macro letter which is replaced by text in the RIP.

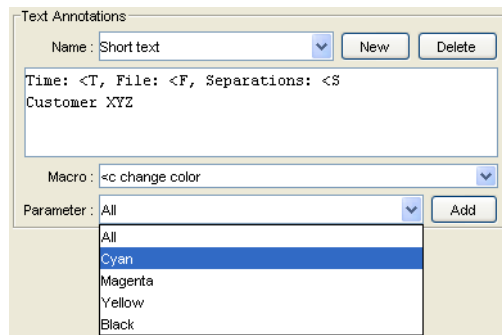


Figure 1.69 Select macro parameter

Chapter 1 • Using ImposeMate

Defining Preferences

TIP: To check the added macro in the Text field you position the cursor right after the macro character < and the full macro code is displayed in the Macro list.

Notes:

- Some macros will error if used in unsupported separation style, for example, <0 **screening report**, when used with a contone separation style.
- The text annotations are by default encoded using ISO Latin 1 Encoding. Characters unavailable in this character set will not display correctly.
- Keep the Optimize Margins function enabled to let ImposeMate calculate room for the text macros, or manually add the required margin.

About Job When

From the Preferences tab you can define settings that will abort the job if one or more imposition settings is a mismatch for the submitted job. Three mismatches can be defined:

- Number of pages mismatch - number of pages in the job does not match the number of pages in the imposition.
- Page size mismatch - page size of the job is not within the tolerance defined in the imposition.
- Layout size mismatch - the page size specified in the RIP's Page Layout is smaller than the imposition requirements.

Other Features

From the Preferences tab you can define settings for error handling, OPI, and job title.

Error Handler: Lets you select an error handler, None, Error Handler-Long or Error Handler-Short, to be used with the imposition page feature. The selected Error Handler information is displayed in the RIP log.

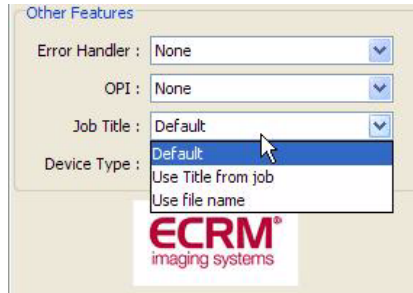
OPI: Lets you select an OPI page feature, enable opi filter or image replacement, to be used with the imposition page feature.

Job Title: This pop-up list offers you three job title choices, as shown at the right.

Default - Uses the job title defined in the Postscript file.

Use Title from job - Uses the "title" string in the Postscript file as the job title in the RIP Output Controller/Monitor, the RIP View in WorkMates, and as the Marks- Job Name:

Use file name - Uses the job file name as the job title in the RIP Output Controller/Monitor.



Device Type: Lets you select the device type for your Fill Row, Fill Column or Fill Film imposition page feature: Capstan, Part Drum, Full Drum, Sheet or File. This setting is primarily for ECRM engineers and is used in combination with Page Setup in the RIP.

Application Settings

From the Preferences tab you can define settings for units and device type.

Units: Lets you select the preferred measurement units when working with ImposeMate. Choose between cm, mm, inch or point from the drop-down list.

Decimals: Lets you set the number of decimal places in units.

Gripper at: Lets you set the default setting for the gripper edge.

Checkboxes

Warn about unsaved changes - Check this box if you want ImposeMate to issue a warning every time you make changes to the run list and try to close without saving the changes. Leave the box unchecked if you do not want to be so warned.

Hold output of page buffers - Check the box to hold the output of the page buffers (useful for previewing), or leave the box unchecked to immediately output the buffers.

Note: The "Hold output of page buffers" feature is only available in the ImposeMate Client program; it is not in the ImposeMate Standalone program.

Language: Lets you choose the language used in the menus and screen messages.

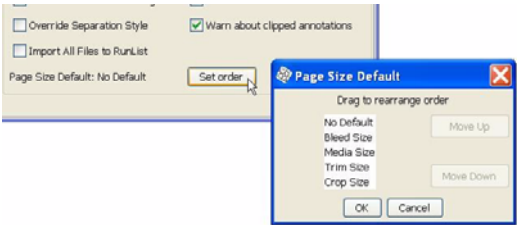
Note: The "Language" feature is only available in the ImposeMate Standalone program; it is not in the ImposeMate Client program.

Chapter 1 • Using ImposeMate

Defining Preferences

Page Size Default: No Default - Clicking on the Set Order button pulls down a menu that lets you set the order in which page size parameters will be processed.

After you set the order you want, click OK. To effect the new order, close ImposeMate, and then reopen it again.



Macro Overview (text annotations)

There are two types of Macros that can be added to text annotations;

- Text Annotation Macros, These can be used in all systems with ImposMate.
- NewsMate Plus Publication Macros, These can be used in NewsMate Plus.

The code explanations for the Text Annotation Macros are as follows:

Table 1.3 Macro code explanation

CODE	MEANING
<<	Include a '<' character in the output text.
<A	The antialiasing factor which has been applied ('None' for 1x1, otherwise '2x2', '3x3', and so on).
<B	Draw a solid square in the current color.
<C	The name of the Color Setup selected on the RIP's Page Setup dialog.
<D	The name of the output device selected on the RIP's Page Setup dialog.
<E	The encoding of the job file: PostScript, PDF, EPS, TIFF, or JFIF.
<F	The name of the job file (if available), including full path details. If the job arrived through an input plugin other than SpoolFolder then this will normally show the input channel name rather than a file name.
<G	Reports the name of the job file in the same way as <F, but does not include the full path details of the job file.
<H	The RIP product name.
<I	Output resolution in dots per inch.
<J	The job name, or '(Untitled)' if no job name has been set.

Chapter 1 • Using ImposeMate

Defining Preferences

Table 1.3 Macro code explanation (Continued)

CODE	MEANING
<K	<p>The DescriptiveName of this Exposed Media if the job was submitted through JDF.</p> <p>The query <?IsJDFMediaName> may be used to determine if this data is available.</p>
<L	The localized time and date. The localization and date format are set by the operating system control panel. See also <T and <#D.
<M	Output resolution in dots per mm.
<N	The flat number within the job.
<O	<p>Information about oversized pages or flats. This will draw just a space if pages were not oversized, '(Clipped)' if they were clipped or '(Scale: nn%)' if they were scaled. If pages were both clipped and scaled then both pieces of information are shown. If you wish to construct the text differently based on whether the file has been scaled or clipped you can call PageClipped or IsScaled within an 'if' command, for example:</p> <p><?PageClipped> ... <:<?IsScaled> ... <: ... <!<!</p>
<P	The name of the page setup through which the job was processed.
<Q	The name of the profile used in the ColorPro setup selected in the page setup through which the job was processed.
<R	The serial number of the RIP.
<S	A list of the separations (colorants) used on the flat, each name will be shown in the appropriate color.
<T	Time and date in standard format. See also <L and <#D.

Table 1.3 Macro code explanation (Continued)

CODE	MEANING
<U	The name of the user who created the file, if available. Only shown for PostScript, EPS and PDF files. For PDF files it is the value of the Author field in the Info dictionary. If you wish to react differently depending on the availability of this information you can use the IsUserDefined procedure in an 'if' command: <?IsUserDefined> ... <!
<V	RIP version
<W	The modification date of the job file, if available. Only available for PostScript, EPS and PDF files.
<X	Screening report. The current screen name is printed. If relevant, the screen frequency is also added. The test <?IsContone> may be used to determine if the RIP is applying any screening.
<cxxxx>	Draw the following text in the colorant named xxxx. Use <cAll> to switch the RIP back to the standard all-channels color.
<fxxxx>	Draw the following text in font xxxx.
<snn>	Draw the following text at nn points.
<exxxx>	Use encoding. A new encoding vector is installed in the current font. The value of the command must be the name of a standard encoding resource. Note that changing font resets the encoding to the default encoding for that font. Encoding may only be changed for font types 1, 3, 32, 42 and 111 attempts to change the encoding for other font types will be silently ignored.
<lnnn>	Set leading. The leading used when <n (new line) command is used may be defined as the value of the <l command. If no <l command has been used when a <n command is encountered then the leading will default to 1.2 times the current text size.

Table 1.3 Macro code explanation (Continued)

CODE	MEANING
<n	New line. The current point will be moved to the original X position, and the current leading (or 1.2 times the current text size if no leading has been set) below the Y position of the last line.
<tnn	Horizontal tab. The current point will be moved nn points to the right of the original X position, without adjusting the Y position. Note that this can be used to move the current point to the left as well as to the right, although that would typically cause text to be overwritten and must be used with extreme care.
<?xxxx>	<p>If. The value xxxx is evaluated as a boolean expression in PostScript. If true, the string elements (including commands) following the <? command will be acted on. If false, control will skip to either <: (else) or <! (endif) command. If/endif contexts may be nested.</p> <p>The test IsOversize may be used with this command to detect whether the page has been clipped or scaled because it was too large. For example:</p> <pre>/Text (<#f1<#e1<J<?IsOversize><f#2<#e1<O<!</pre> <p>If the job was too large, then text confirming clipping '(Clipping)' and scaling details '(Scale: nn%)' would be printed after the job name. See also: o.</p>
<:	Else. This may only follow <? (if) command.
<!	End if. This may only follow <? (if) command, with or without an intervening <: (else) command.

Table 1.4 NewsMate Plus Macros

Note: Not all Macros are available at all times.

CODE	MEANING
<Publication>	Inserts the Publication Name.
<Section>	Inserts the Section Name.
<Edition>	Inserts the Edition Name.
<Revision>	Inserts the Revision.
<Page>	Inserts the Page.
<Color>	Inserts the Color.
<Date>	Inserts the Date.
<Time>	Inserts the Time.
<Copy>	Inserts the Copy count.
<Extension>	Inserts the filename Extension.
<Volume>	Inserts the Volume Name.
<Flat>	Inserts the Flat number.
<Signature>	Inserts the Signature number.
<Aux 1>	Inserts the Aux1 variable contents.
<Aux 2>	Inserts the Aux2 variable contents.
<Aux 3>	Inserts the Aux3 variable contents.
<Aux 4>	Inserts the Aux4 variable contents.
<Aux 5>	Inserts the Aux5 variable contents.
<Aux 6>	Inserts the Aux6 variable contents.
<Aux 7>	Inserts the Aux7 variable contents.
<Aux 8>	Inserts the Aux8 variable contents.

Chapter 1 • Using ImposeMate

Saving Preferences

Saving Preferences

To save your preferences, select the Save Preferred Marks command from the File menu.

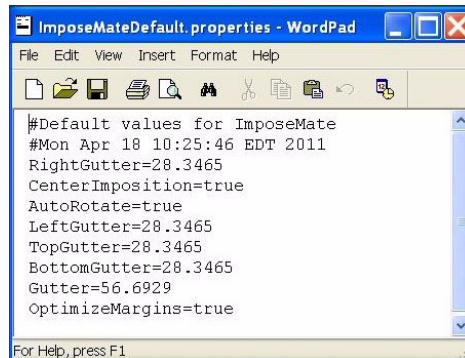
Additional Default Values

Note: The information that follows is for experienced users.

Additional default values can be set manually by editing the **ImposeMateDefault.properties** file in the ...**ECRM WorkMates 4.1\WorkMates\data** folder.

To edit the file:

- 1 • Make a backup copy of the file.
- 2 • Open the file in a text editor (e.g., WordPad on a PC).
- 3 • Edit settings. (Values are in points or true/false.)
- 4 • Save the edited file.



Saving an imposition page feature

When you have finished an imposition page feature you save it in the Page Features folder on the RIP.

Saving an imposition page feature

When you have finished an imposition page feature you save it in the Page Features folder on the RIP.

Note: If you save imposition page features in a different folder you will not be able to see them and print to them.

To save an imposition page feature:

- 1 • Select the Save command from the File menu.
This opens a Save dialog.
- 2 • Enter a descriptive name for the imposition page feature in the file name field.
- 3 • Click Save.

Opening an imposition page feature

Imposition page features are stored in the Page Features folder on the RIP.

To open an imposition page feature:

- 1 • Select the Open command from the File menu.
This opens the Select an Existing Page Feature dialog.
- 2 • Select the imposition page feature in question.
- 3 • Click Open.
- 4 • Make modifications as required.
- 5 • Save the imposition page feature or use the Save as command to save it under a different name.

Chapter 1 • Using ImposeMate

How to create an imposition page feature step by step

How to create an imposition page feature step by step

Use this instruction as a guide to create your own imposition page features.

To create an imposition page feature:

- 1 • Open ImposeMate as described in “Starting and exiting ImposeMate” on page 16.
- 2 • Select the New command from the File menu.
- 3 • In the Imposition tab select an imposition type from the Type drop-down list.
At this stage you have already determined what type of imposition is needed for your publication. See also “Plan your imposition” on page 7 for details.
- 4 • Depending on imposition type you now specify Page Order, Work Style and Binding Style.
For details on the options, see:
 - “Type section N x N Imposition” on page 35
 - “Type section Step’n Repeat” on page 54 or
 - “Type section Fill...” on page 61.
- 5 • Select a page size, define page offsets, if required, and bleed.
For details on the options, see:
 - “Page Size section N x N Imposition” on page 38
 - “Page Size section Step’n Repeat” on page 55 or
 - “Page Size section Fill...” on page 62.
- 6 • Specify shingling to avoid creep, if required.
The Creep option is available for the Perfect Bound and Saddle Stitched binding style. For details, see “Creep section N x N Imposition” on page 43.
- 7 • If you have selected a N x N Imposition you now create the imposition layout with the required margins, gutters, page numbers, page order and orientation.
For details on the options, see “Layout section N x N Imposition” on page 44.

- 8 • If you have selected the Step'n Repeat imposition type you can now specify margins, gutters or rotate pages, if required.
For details on the options, see "Layout section Step'N Repeat" on page 57.
- 9 • If you have selected the Fill Row/Column/Film imposition types you can now specify margins and rotate pages, if required.
The imposition layout will follow the specified Page Order. For details on the options, see "Layout section Fill..." on page 63.
- 10 • From the Marks tab you select the required imposition marks for the signature.
For details on the options, see "Adding Imposition Marks and Step Wedges" on page 67.
- 11 • From the Marks tab you select the required marks for the individual pages.
For details on the options, see "Adding Page Marks and Step Wedges" on page 70.
- 12 • Optionally, you may want to change the behavior of the marks from the Preferences tab.
For details on the options, see "Defining Preferences" on page 78.
- 13 • Optionally, you may need to include error handling and OPI management with your imposition page feature.
For details on the options, see "Other Features" on page 82.
- 14 • Save the imposition page feature as described in "Saving Preferences" on page 89.

How to use an imposition page feature

To use an imposition page feature:

- 1 • Create and save the imposition page feature in the Page Features folder on the RIP.

Chapter 1 • Using ImposeMate

Outputting a Runlist file

- 2 • Create a new page setup on the RIP that includes the imposition page feature.
See the RIP's user manual for instructions on how to create a new page setup and use page features from the Enable Feature list.
- 3 • Save the new page setup using a descriptive name.
- 4 • Open the RIP's Print File dialog that lets you browse for a PDF file that needs to be output using the new page setup.
- 5 • Select a PDF file.
- 6 • Select the new page setup from the Page Setup list in the Print File dialog and click Print.
Alternatively, use the new page setup with a spool folder in the Input Controller, see the RIP's user manual for details on Input Controller and spool folders.

Outputting a Runlist file

The following procedure presupposes that you have already created a page setup with an imposition template for a particular job. Changes to this job are then saved in a Runlist file, which is output using the same page setup.

- 1 • Open the RIP's Print File dialog.
- 2 • Browse for and select the Runlist file.
- 3 • Select the correct page setup from the Page Setup list in the Print File dialog and click Print.

See also “How to use an imposition page feature” on page 92 for details on how to create a page setup using an imposition template and output it.

Running ImposeMate Client in WorkMates

So far, we have talked about ImposeMate running as a standalone program, outside the WorkMates environment. In this section, we'll briefly talk about ImposeMate Client program, which provides for operating ImposeMate within the WorkMates environment.

The scope of this section is limited to describing the differences between the ImposeMate standalone program and the Workmates ImposeMate Client program. For instructions for using the ImposeMate Client program, refer to *WorkMates User Guide AG50664*, delivered in PDF form on the WorkMates CD.

The table below highlights the main differences between the ImposeMate standalone program and the ImposeMate Client program.

Table 1.5 *ImposeMate (standalone) vs. ImposeMate Client*

ImposeMate	ImposeMate Client
Can only use local PDF files on the local machine.	Can only use PDF files in the workflow (on the WorkMates Server) from any client connected to the WorkMates Server.
Can open PDFs, runlists, and Impositions from anywhere and save runlists and Impositions anywhere.	Can only open runlists and PDFs and save runlists from within the workflow. Can only open and save Impositions in the RIP Page Feature folder.
Cannot print directly to RIP.	Can print directly to RIP.
Cannot hold output of page buffers so job can be viewed in ViewMate prior to output.	Can hold output of page buffers so job can be viewed in ViewMate prior to output.

Chapter 1 • Using ImposeMate

Running ImposeMate Client in WorkMates

Chapter 2

ImposeMate Tutorial

Introduction

ImposeMate will let you create, edit and output a variety of imposition jobs as described in *Chapter 1 • Using ImposeMate*.

This tutorial describes how to create some of the most frequently used imposition layouts.

- “Work and Turn using one plate” on page 98
- “Work and Tumble using one plate” on page 101.

Chapter 2 • ImposeMate Tutorial

Work and Turn using one plate

Work and Turn using one plate

The economical Work and Turn imposition layout uses a single plate (for each color) to print both sides of the press sheet. After the first side of the press sheet is printed, the paper is flipped over side-to-side and printed again on the other side using the same plate. The gripper edge remains the same.

If your job contains 8 pages and the press sheet supports 8 pages you can arrange all 8 pages on one plate. The pages for what would normally be the front are laid out on one half of the plate and the pages that would normally be the back are laid out on the other half of the plate. The pages need to be carefully imposed so that when the press sheet is flipped, page 2 prints on the back of page 1 and page 1 prints on the back of page 2.

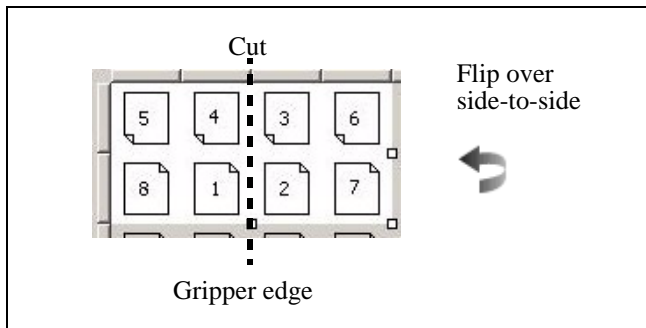


Figure 2.1 Work and Turn Press Sheet

After printing the sheets are cut in half to double the quantity of sheets. A job that would have required 1,000 sheets when printed sheetwise, front and back with two plates, now only requires 500 sheets, thus saving material and make-ready time (same plate and no plate change).

To create a Work and Turn layout in ImposeMate:

- 1 • Prepare an imposition dummy in advance
- 2 • On the Imposition Tab page, select New Imposition from the File pull-down menu.

- 3 • Select N x N Imposition as imposition type.
- 4 • Select None as Work Style.
- 5 • Select Binding Style as required by the binder.
- 6 • Define settings in the Page Size section as required.
- 7 • Chose one of the following:
 - To use FolderWizard to lay out the imposition, continue with step 8.
 - To manually lay out the imposition, continue with step 10.

Using the FolderWizard to Create the Layout

- 8 • Open the FolderWizard.
Press the buttons (sequence 1, 2, 3). This will define the number of pages, while numbering and rotating the pages. Then click OK to return to the ImposeMate Layout section to see the result.

Note that for publications with the spine to the left of the front page, the left button will be the first button to press in the FolderWizard. For publications with the spine to the right of the front page, the right hand button will be the first to press.

The second button to press will typically be either the top or the bottom button, resulting in a head-to-head type of imposition or foot-to-foot type of imposition, respectively.

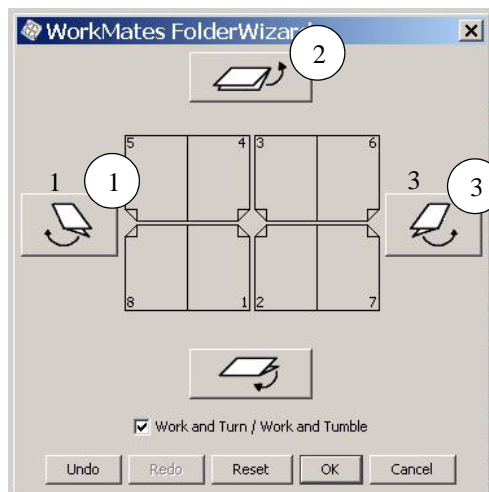


Figure 2.2 Work and Turn folding scheme

Chapter 2 • ImposeMate Tutorial

Work and Turn using one plate

The third button to press will typically be either the left or the right button, but there are, however, no rules from this point.

- 9 • Save the imposition under a descriptive name. You are finished.

Note: Impositions are saved in the RIP's \SW\Page Features folder (See Figure 1.13 on page 19).

Maually Creating the Laying Out

- 10 • Define number of pages (8) in the Layout section (drag to resize).
- 11 • Number the pages manually according to your dummy.
- 12 • Rotate pages as required (head to head in this example).

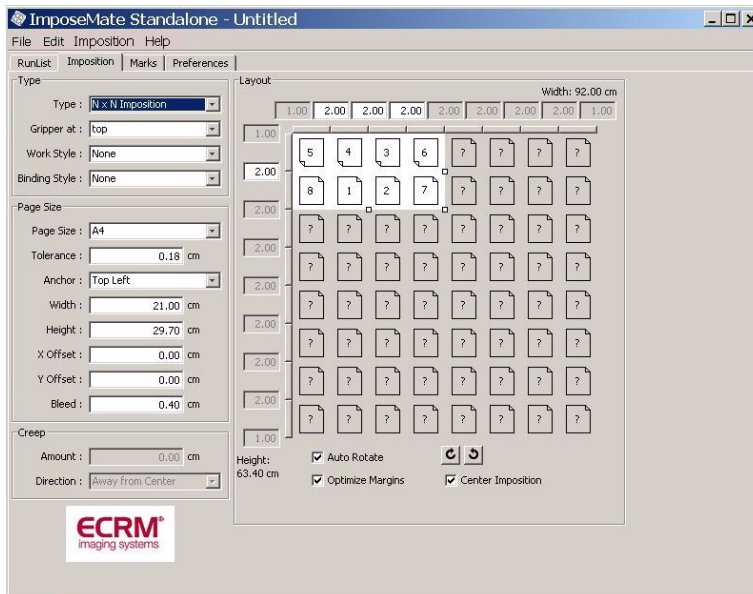


Figure 2.3 Work and Turn Layout

- 13 • Save the imposition under a descriptive name. You are finished.

Note: Impositions are saved in the RIP's \SW\Page Features folder (See Figure 1.13 on page 19).

Work and Tumble using one plate

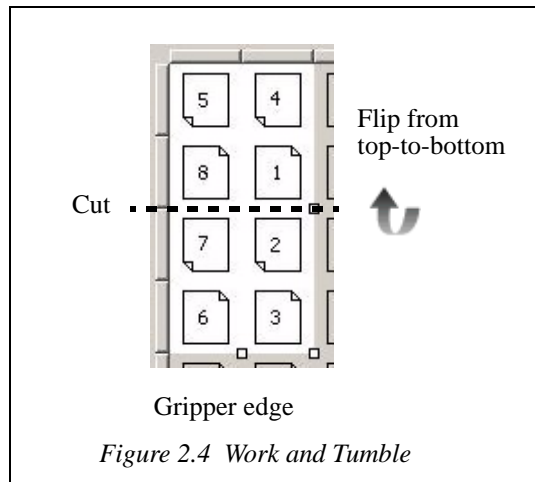
The economical Work and Tumble imposition layout uses a single plate (for each color) to print both sides of the press sheet. After the first side of the press sheet is printed, the paper is flipped from top to bottom and printed again on the other side using the same plate. The gripper edge changes ends.

If your job contains 8 pages and the press sheet supports 8 pages you can arrange all 8 pages on one plate. The pages for what would normally be the front are laid out on one half of the plate and the pages that would normally be the back are laid out on the other half of the plate. The pages need to be carefully imposed so that when the press sheet is flipped, page 2 prints on the back of page 1 and page 1 prints on the back of page 2.

After printing the sheets are cut in half to double the quantity of sheets. A job that would have required 1,000 sheets when printed sheetwise, front and back with two plates, now only requires 500 sheets, thus saving material and make-ready time (same plate and no plate change).

To create a Work and Tumble layout in ImposeMate:

- 1 • Prepare an imposition dummy in advance.
- 2 • On the Imposition Tab page, select New Imposition from the File pull-down menu.
- 3 • Select N x N Imposition as imposition type.
- 4 • Select None as Work Style.



Chapter 2 • ImposeMate Tutorial

Work and Tumble using one plate

- 5 • Select Binding Style as required by the binder.
- 6 • Chose one of the following:
 - To use the FolderWizard to lay out the imposition, continue with step 7.
 - To manually lay out the imposition, continue with step 9.

Using the FolderWizard to Create the Layout

- 7 • Open the FolderWizard.
Press the buttons (sequence 1, 2, 3). This will define the number of pages, while numbering the pages. Then click OK to return to the ImposeMate Layout section to see the result.

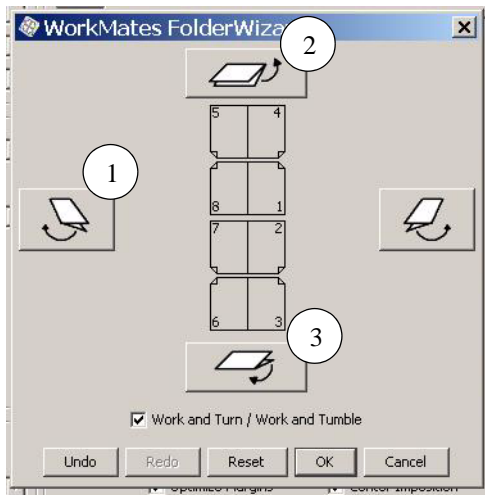


Figure 2.5 Work and Tumble folding scheme

Note that for publications with the spine to the left of the front page, the left button will be the first button to press in the FolderWizard. For publications with the spine to the right of the front page, the right hand button will be the first to press.

The second button to press will typically be either the top or the bottom button, resulting in a head-to-head type of imposition or foot-to-foot type of imposition, respectively.

The third button to press will typically be either the bottom or the top button, but there are, however, no rules from this point.

- 8 • Save the imposition under a descriptive name.

Note: Impositions are saved in the RIP's \SW\Page Features folder (See Figure 1.13 on page 19).

Maually Creating the Laying Out

- 9 • Define number of pages (8) in the Layout section (drag to resize).
- 10 • Number the pages manually according to your dummy.
- 11 • Rotate pages and turn sheet as required (rotate head to head in this example).

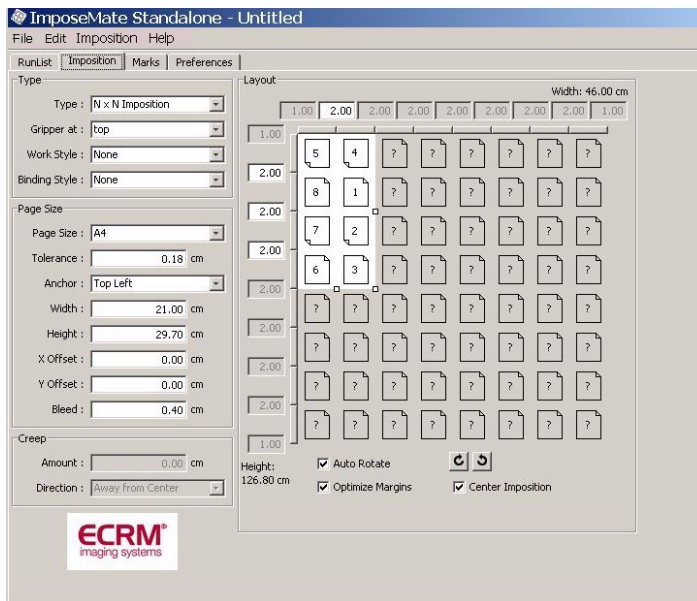


Figure 2.6 Work and Tumble layout

- 12 • Save the imposition under a descriptive name.

Note: Impositions are saved in the RIP's \SW\Page Features folder (See Figure 1.13 on page 19).

Chapter 2 • ImposeMate Tutorial

Work and Tumble using one plate

A

Annotations

- adding 72
- changing 73
- creating 80
- reposition 73
- using macros 80

B

Binding style 11, 37

- perfect-bound 12
- saddle-stitched 11

Bleed 43, 56, 63

C

Creep 12

- compensation for 13
- in perfect-bound publications 13
- in saddle stitched publications 13
- what is 43

Custom color bar

- adding 72
- download to RIP 76, 77
- position 74

D

Dinky 53

F

FolderWizard 49

- Work and Tumble 49
- Work and Turn 49

Folding dummy for imposition 8

Folding Style

- selection choices 37

I

ImposeMate

- demo mode 16
- enabling 14
- exiting 16
- menus 17
- set anchor value 55

- set page tolerance (mixed page sizes) 38, 55, 63
 - starting 16
- ImposeMate Help
 - running 94
 - troubleshooting 94
- ImposeMate tabs
 - Imposition tab 35
 - Marks tab 66
 - Preferences tab 78
 - Runlist tab 22
- Imposition layout 9
 - Perfector work style 10
 - Sheetwise work style 11
 - Shingling 12
- Imposition marks
 - adding 66
- Imposition montage
 - create folding dummy 8
 - planning the 7
- Imposition page feature
 - creating 91
 - opening 90
 - saving 89
 - using 92
- Imposition type
 - Fill Column 61
 - Fill Film 61
 - Fill Row 61, 63
 - N x N Imposition 36
 - Step'n Repeat 53
- Impositions
 - where saved 19

L

- Layout section
 - Fill Row, Column or Film 63
 - N x N Imposition 44, 57
 - Step'N Repeat 57
- Layout Section Fill...
 - auto rotate 64
 - rotate pages 64
- Layout section N x N
 - auto rotate pages 46
 - center pages 48
 - imposition size 45
 - number pages 47
 - open Wizard 48
 - optimize margins 48
 - rotate pages 46
 - show Front or Back 48

Layout section Step'n Repeat
 auto rotate 60
 center pages 61
 optimize margins 61
 rotate pages 60
Lock Page Size 38

M

Marks and step wedges
 adding 66

P

Page Features folder, RIP 19
Page marks
 adding 66
Page tolerance 38
PDF options
 in the RIP 38, 55, 61
Perfect-bound publications 12
Preferences 78
 Color bars 80
 Creating text annotations 80
 Error handler 82
 Marks and step wedges 79
 OPI settings 82
 Use job title option 82
Press sheet 9

R

RIP
 Page Features folder 19
Runlist
 creating a 24
RunList Editor 22
 add blank page 28
 add pages to Runlist 26
 color aliasing 31
 insert page 29
 introduction 97
 merge colors 31
 mixed page size 27
 rearrange page order 27
 replace page 30

S

Saddle stitched publications 11

Shingling

- Amount 43

- compensation for creep 12

- Direction 43

- guideline for amount 44

- the process of 12

Show Front or Back 48

T

Text annotations

- Macro overview 85

Thumbnail view 65, 66

W

Work and Tumble 49

- using one plate 101

Work and Turn 49

- using one plate 98

Work style 10, 36

- Perfector 10

- Sheetwise 11