

Océ | User Manual

Windows Printer Driver

Guidelines - Use Océ WPD with Adobe® Reader®

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Chapter 1

Introduction

Read me first

Introduction

This manual provides guidelines about how to use Océ WPD® in order to print from Adobe® Reader®.

Software requirements

- Océ Windows Printer Driver, from its version 1.17.
- Adobe Reader, from its version 8.

Scope of the guidelines

The procedures described in this manual have been selected to be as simple as possible. Those guidelines have been tested for standalone workstations, with a wide range of products.

As a result, they apply to:

- all Océ wide-format technical printers (without folder).
- all Windows environments supported by Océ WPD.
- all document sizes.



Note:

Those guidelines do not apply to environments with a server.

Additional Océ resources

Océ constantly promotes and acts for a professional support to its customers.

Be ready to print with Océ WPD in just 5 clicks, without any IT knowledge needs. Indeed, recent development enable us to provide you with an easy and intuitive installation wizard for your printer driver.

Find also online support, available 24/7:

- from the Océ Knowledge Base.
URL: <http://global.oce.com/Support/Default.aspx#tab2>
Ask a question and get the most pertinent answers.
- from the Products web pages.
URL: <http://global.oce.com>

Find the related printer driver, completed by a large panel of user manuals built to fit your specific needs.

- from the printer drivers' page

URL: <http://global.oce.com/products/wfps-drivers/default.aspx>

Find the right driver for your needs.

Notes about Océ WPD® and Adobe Reader® interactions

Definition

This section provides some preliminary remarks to use the Océ WPD® printer driver along with the Adobe Reader®.

Preview in the Print window of Adobe Reader®

In Adobe Reader, a 'Preview' feature (a thumbnail) is available from the 'Print' window. The 'Preview' thumbnail does not take into account the settings you define in the 'Properties' window of the printer driver.

For instance, you change the scaling factor in the printer driver ('Properties' window). This change is not replicated in Adobe Reader: the 'Preview' is independent from the printer driver.

> **Conclusion**

As a consequence, the 'Preview' thumbnail is not a true printout preview. It just gives an overview of the document content and not a "WYSIWYP"* display.

(* What You See Is What You Print)

General interactions

Print Setup window of Adobe Reader - Properties window of Océ WPD

Some settings are common to the Adobe Reader's 'Print Setup' window and to the Océ printer driver. For instance, the 'Paper size', the 'Paper source',... are duplicated in both locations.

> **Conclusion**

As a consequence, the preferred solution is to define those settings in the Windows Printer Driver.

Layout settings interactions

Print window of Adobe Reader ('Page handling') - Properties window of Océ WPD ('Layout' tab)

Some settings, used to position your document on the printed output, are common to Adobe Reader and Océ WPD. For instance:

- In Adobe Reader, the 'Auto-Rotate and Center' and 'Choose paper source by PDF page size' settings enable you to define the page layout.

- Equivalent settings are available in the Océ WPD printer driver: Rotation, Shift, etc.

For the page layout, the settings you define in the Adobe Reader replace the settings you define in the Océ WPD.

This can lead to an unexpected image or document location on the printed output.

> **Conclusion**

As a consequence, the preferred solution is to define those settings from the Océ WPD 'Properties' window only.

Introduction and prerequisite

Purpose

This manual provides guidelines to define the value of the print settings in Adobe Reader® and in Océ WPD®.

Those guidelines allow you to print the inked area of your document on a selected page size.

Before you go further, you must, first, define a Custom page size.

This Custom page size must be larger than the largest document you want to print.



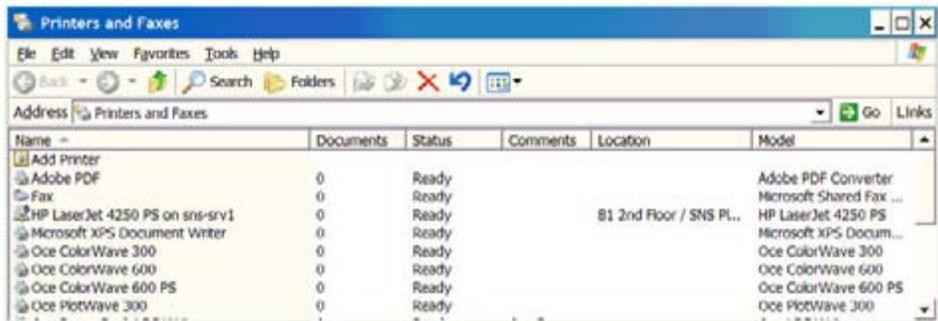
Note:

If you use several printers, create the same custom page for each of them.

To ease this task, you can export and import the Custom 'Page size' via Océ WPD®.

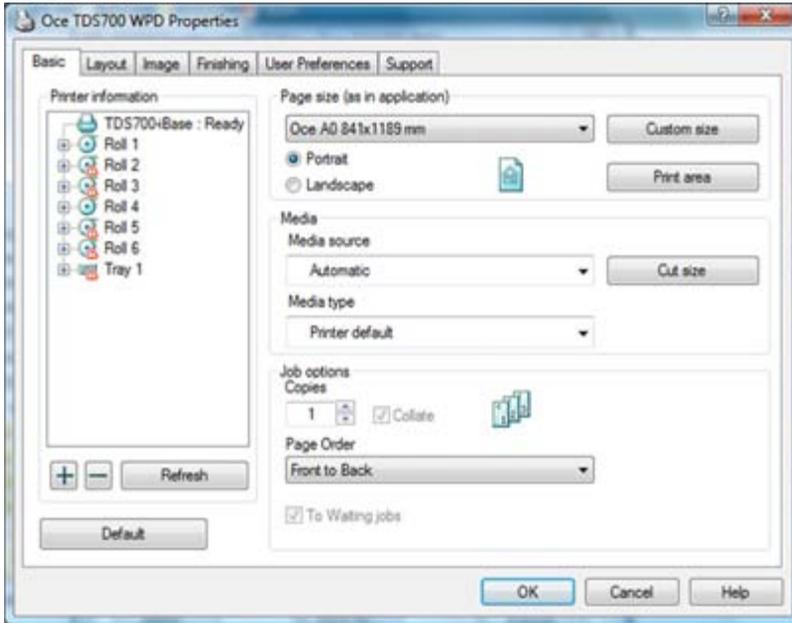
Create a Custom Page Size with Océ WPD®

1. From the workstation's desktop, browse to the printers' page (Start - Printers and Faxes). The 'Printers and Faxes' window opens.



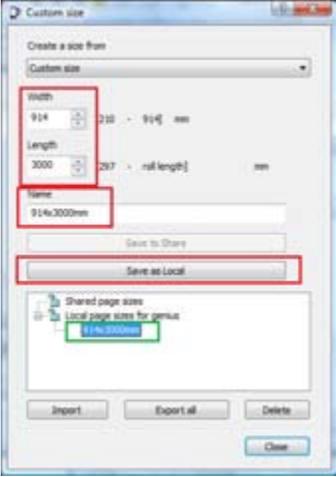
2. Right-click on the printer name.
3. Select 'Printing Preferences...'

The 'Printing Preferences...' window opens.



4. From the 'Basic' tab, click 'Custom size'.
5. The 'Custom size' window opens.

| Step | Action |
|------|--|
| 1 | <ul style="list-style-type: none"> ■ Enter a value for the 'Width' of the custom page (for instance, 914). ■ Enter a value for the 'Length' of the custom page (for instance, 3000). <p data-bbox="356 1088 1106 1148">  Note: Customise the dimensions of the page according to your needs. </p> |

| Step | Action |
|------|--|
| 2 | <p data-bbox="291 202 665 232">Enter a name for this custom page.</p>  <p data-bbox="299 766 606 824">Note: Give an explicit name.</p> |
| 3 | <p data-bbox="291 875 509 933">Click 'Save as local'. Click 'Close' to exit.</p> |

Result

Click 'OK' to exit the Océ WPD 'Printing Preferences...' window.

From the driver's 'Basic' tab ('Page size' setting), always select this new custom page to print any document from Adobe Reader.

Chapter 2

Define the settings and Print from Adobe® Reader®

Define the print settings

Purpose

Define the print settings in Adobe Reader® and in Océ WPD® before you print a file.



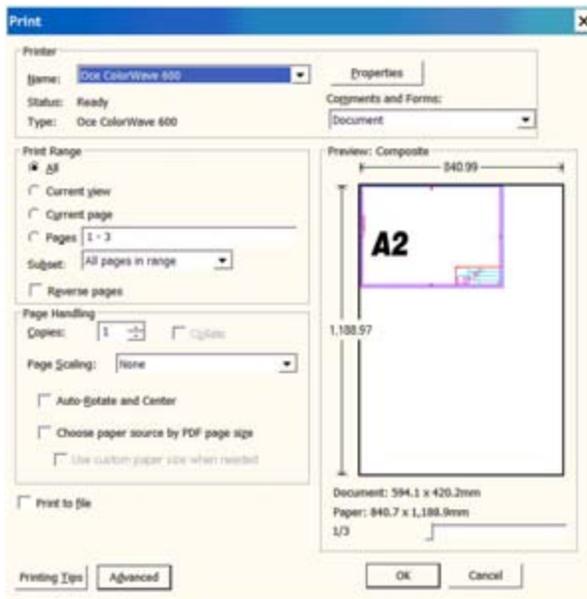
Note:

In this procedure, we assume you created your custom page size. ('Create a Custom Page Size with Océ WPD®' on page 10).

Define the settings in Adobe Reader®

1. Open the document with Adobe Reader.
2. Click the 'Print' icon.

The 'Print' window opens.



3. From the 'Print' window:

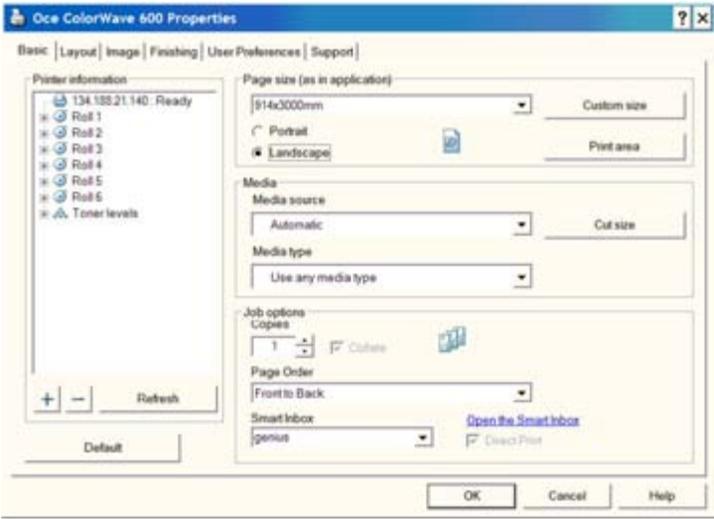
| Section | Action |
|-----------|---|
| 'Printer' | <ul style="list-style-type: none">■ Select the printer (drop down list for the 'Name' field).■ Set the 'Comments and Forms' setting to 'Document'. |

| Section | Action |
|-----------------|---|
| 'Print Range' | Select the pages to be printed, if applicable. (for more information, see: <i>'Print range section'</i> on page 28) |
| 'Page Handling' | Set the 'Page Scaling' to 'None'. Uncheck the 'Auto-Rotate and Center' box. Uncheck the 'Choose paper source by PDF page size' box. |

- Click 'Properties'.
- Go on with the next procedure: *'Define the settings in Océ WPD®'* on page 15.

Define the settings in Océ WPD®

- From the 'Properties' window that opens, select the 'Basic' tab:

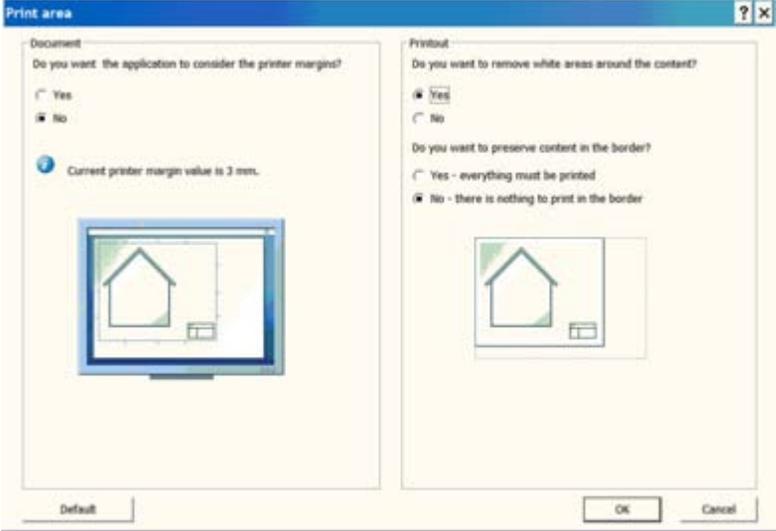
| Step | Action |
|------|--|
| 1 | <p>Select your 'Page size'.</p>  <p>Note: We recommend you to select the custom size you defined previously. <i>'Create a Custom Page Size with Océ WPD®'</i> on page 10</p> |
| 2 | Select the 'Landscape' orientation. |
| 3 | Set the 'Media source' to 'Automatic'. |

| Step | Action |
|------|--|
| 4 | Set the 'Media type' to 'Use any media type' or 'Printer default' (according to the selected printer). Force to a specific 'Media type', if needed. |

2. Click 'Cut size' to open the 'Cut size' window.

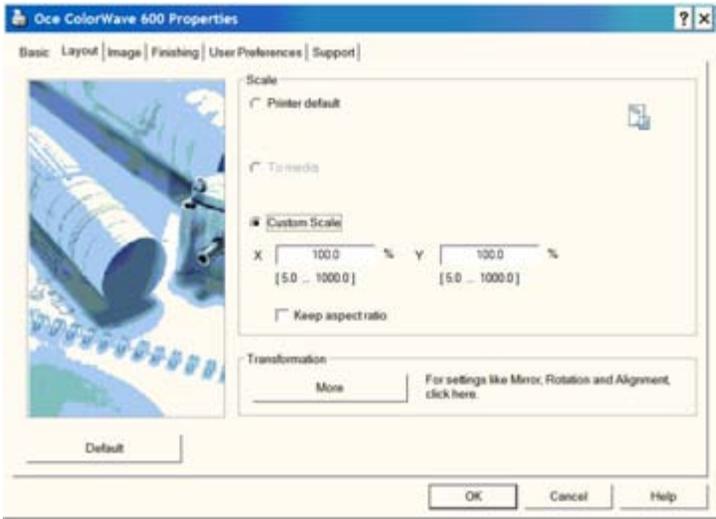
| Step | Action |
|------|---|
| 1 | Set the 'Cutting Method' to 'Synchro'.  |
| 2 | Click 'OK'. |

3. Click 'Print area' to open the 'Print area' window.

| Step | Action |
|------|--|
| 1 | <p>In the 'Printout' area, under 'Do you want to remove white areas around the content?', click 'Yes'.</p>  <p>Note: The other available settings depend on the selected printer.</p> |
| 2 | Click 'OK'. |

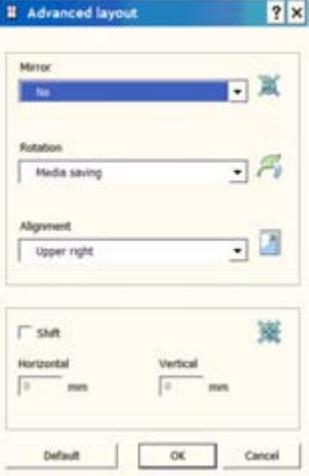
4. Go to the 'Layout' tab and define those settings:

| Step | Action |
|------|------------------------|
| 1 | Select 'Custom scale'. |

| Step | Action |
|------|---|
| 2 | <p>Set the X and Y scaling factors to 100%.</p>  <p>The screenshot shows the 'Oce ColorWave 600 Properties' dialog box with the 'Scale' tab selected. Under the 'Scale' section, the 'Custom Scale' radio button is selected. The X scaling factor is set to 100.0% and the Y scaling factor is also set to 100.0%. The 'Keep aspect ratio' checkbox is unchecked. In the 'Transformation' section, the 'More' button is visible.</p> |

- In the 'Transformation' area, click 'More'.
From the 'Advanced layout' window that opens:

| Step | Action |
|------|-----------------------------------|
| 1 | Set 'Mirror' to 'No'. |
| 2 | Set 'Rotation' to 'Media saving'. |
| 3 | Set 'Alignment' to 'Upper right'. |

| Step | Action |
|------|--|
| 4 | Click 'OK'.  |

- From Océ WPD, change other settings as needed (for instance: print quality mode, or finishing option).

Save the Océ WPD® settings in a template for future use

- Make sure you defined all the print settings you need in Océ WPD.
- From the 'User Preferences' tab, click 'Templates'.
- From the 'Templates' window that opens, click 'New'.
- Give a name to the template you create and click 'OK'.
You created a template that contains all the print settings you previously defined.
- Select your template from the list and click 'Apply'.
The template applies the print settings to the document you want to print.
- From Océ WPD, click 'OK' to confirm and exit.



Note:

Apply the template you created to the custom page you use in Océ WPD. This custom page and the print settings of the templates will apply to the document you want to print.

Result

Go on with the next procedure: *Print from Adobe Reader®* on page 20

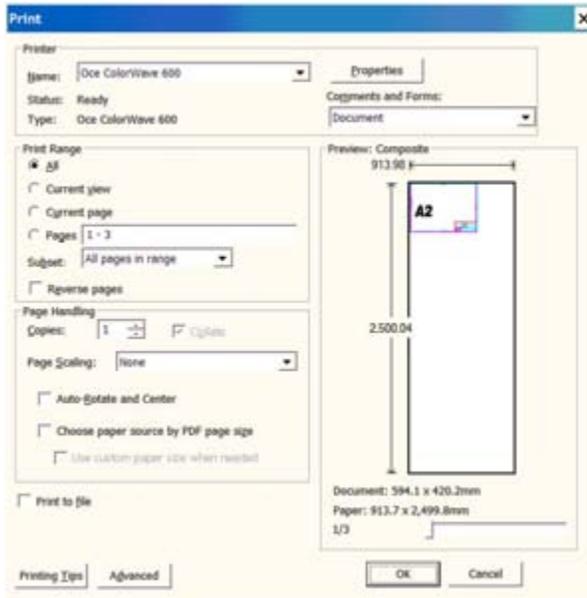
Print from Adobe Reader®

Before you begin

Make sure you defined the print settings in Adobe Reader® and in Océ WPD.
See: *'Define the print settings'* on page 14

Print

1. If not yet done, click 'OK' to exit the 'Properties' window of the printer driver. The Adobe Reader's 'Print' window is displayed again.



2. From this window, click 'OK' to send the file to the printer.

Chapter 3

Troubleshooting

Fuzzy information added to the printout

Question

- Some PDF files are printed with black rectangles instead of text.
- Part of the printout is clipped.
- Background colour is replaced by another colour.
- Unexpected white lines are visible on the printout.

Answer

1. Open the document with Adobe Reader.
2. Click the 'Print' icon.
The 'Print' window opens.
3. Click the 'Advanced' button.
The 'Advanced Print Setup' window opens.
4. Check the 'Print as image' box.
5. Click 'OK'.
6. Set all the other print settings as required (in the 'Print' window and in the printer driver's 'Properties' window)
7. Click 'OK' to print the file.

Incorrect printout delivery

Question

- Some PDF files are printed with black rectangles instead of text.
- PDF files hang up in the Print Queue.
- Parasitic white lines on the printout appear along the paper feed direction.

Answer

1. From the workstation's desktop, browse to the printers' page (Start - Printers and Faxes). The 'Printers and Faxes' window opens.
2. Right-click on the printer name.
3. Select 'Properties'.
The printer's 'Properties' window opens.
4. Select the 'Advanced' tab.
5. Uncheck 'Enable advanced printing features'.



6. Click 'OK' to validate.

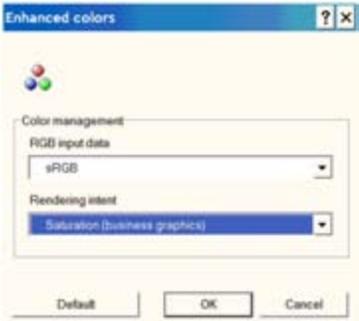
Pixelated image

Question

The image printed on my colour printer is pixelated (Océ TCS500, Océ ColorWave 300 or Océ ColorWave 600).

Answer

1. In the Adobe Reader's 'Print' window, click the 'Properties' button.
The printer's 'Properties' window opens.
2. Select the 'Image' tab.
3. Set the 'Colour' field to 'Colour'.
4. Set the 'Colour feel' to 'Océ enhanced colours'.
5. Click the 'Enhanced colours' button.
The 'Enhanced colours' window opens.

| Step | Action |
|------|---|
| 1 | Set 'RGB input data' to 'sRGB'. |
| 2 | Set the 'Rendering intent' to 'Saturation (business graphics)'. |
| 3 | Click 'OK'.  |

6. Set the 'Print-file resolution' to 'Automatic'.
7. Set the 'Quality' to 'Presentation' or 'Release' (according to your printer).
8. Click 'OK'.
The 'Print' window is displayed again.
9. Click 'OK' to print the file.

White pages

Question

White pages are delivered when printing a PDF file.

Answer

Force the print-file resolution to a lower value (for instance, from 'Automatic' or '600 dpi' to '300 dpi').

1. From the Adobe Reader's 'Print' window, click the 'Properties' button.
The printer's 'Properties' window opens.
2. Select the 'Image' tab.
3. From the 'Data Generation' area, set the 'Print-file resolution' to '300 dpi'.
4. Click 'OK'.
The 'Print' window is displayed again.
5. Click 'OK' to print the file

Printout is incorrect

Introduction

It is possible that the printout from Adobe Reader/Océ WPD does not match with your expectation. The print settings definition does not solve this situation, nor does the version of the application.

Try one of the following alternative solutions.

Workaround 1

Use another reader instead of Adobe Reader.

Recommendation: Brava! Reader

(<http://www.bravaviewer.com/downloadreader.htm>)

Workaround 2

Print with the Océ Adobe® PostScript 3 (PS3) printer driver instead of WPD.

Direct download:

<http://global.oce.com/products/wfps-drivers/downloads.aspx>



Note:

An optional licence is required to directly print PDF or PS files to Océ wide-format printers.

Chapter 4

Glossaries

Glossary for Adobe Reader®: Print window

Definition

This glossary provides some explanations about the settings you can find in the 'Print' window of the Adobe Reader.

The descriptions below come from the Adobe Reader online help, available at the time we write those printing guidelines.

Printer section

- **'Comments and Forms'**
Specifies which visible content prints.

| Possible values | Description |
|----------------------|--|
| Document | Prints the document contents and form fields. |
| Document And Markups | Prints document contents, form fields, and comments. |
| Document And Stamps | Prints the document, form fields, and stamps, but no other markups, such as note, comments and pencil lines. |

Print range section

- **'Print range'**
Specifies the pages to print.

| Possible values | Description |
|----------------------------------|---|
| Current View (/Selected Graphic) | Prints the page area (including text, comments, and so on) that is visible in the current view. The option name changes depending on whether you have no pages selected (Current View), a page or pages selected (Selected Pages), or an area on a page selected using the Snapshot tool (Selected Graphic). |
| Current Page | Prints the page that is visible in the current view. |
| Pages | Specifies the range of pages to print in the open PDF. Separate numbers in a range by using a hyphen, and separate multiple pages or ranges by using commas or spaces. |

| Possible values | Description |
|-----------------|--|
| Subset | Choose 'All Pages In Range', or choose 'Odd Pages Only' or 'Even Pages Only' to print only those pages within the specified range. |
| Reverse Pages | Prints pages in reverse order. If page ranges are entered, the pages print opposite of the order in which they were entered (for example, if the Pages box shows 3-5, 7-10, selecting Reverse Pages prints pages 10-7, and then 5-3). |

Page Handling section

- **'Page Scaling'**

Reduces, enlarges, or divides pages when printing.

| Possible values | Description |
|--------------------------|---|
| None | Prints the upper left or centre of a page (if auto-rotated and centered) without scaling. Pages or selections that don't fit on the paper are cropped. |
| Fit To Printable Area | Reduces or enlarges each page to fit the printable area of the currently selected paper size. For PostScript printers, the PPD determines the printable area of the paper. |
| Shrink To Printable Area | Shrinks large pages to fit the currently selected paper size but doesn't enlarge small pages. If an area is selected and is larger than the printable area of the currently selected paper, it's scaled to fit the printable area. |
| Multiple Pages Per Sheet | Enables N-up printing, where multiple pages print on the same sheet of paper. If this option is selected, you can also specify settings for Pages Per Sheet, Page Order, Print Page Border and Auto-Rotate Pages. |
| Booklet Printing | Prints multiple pages on the same sheet of paper in the order required to read correctly when folded. The printer must support duplex printing (printing on both sides of the sheet). Acrobat automatically enables duplex printing, if available, for booklet printing. |

- **'Auto-Rotate And Center'**

Adjusts the page orientation to match the orientation specified in the printer properties.

■ **'Choose Paper Source By PDF Page Size '**

Uses the PDF page size to determine the output tray rather than the page setup option. This option is useful for printing PDFs that contain multiple page sizes on printers that have different-sized output trays. If this setting is unchecked, the same page size (default page size selected in the driver properties) is used to print all the pages of the document.

■ **'Use custom paper size when needed '**

For printers capable of producing very large print areas, Acrobat supports pages as large as 15,000,000 in. (38,100,000 cm) by 15,000,000 in. (38,100,000 cm).

'Print To File ' checkbox

Creates a device-dependent PostScript file of the document.

The resulting file contains code for enabling and controlling specific device features, making it less compatible with devices other than the target device. For better results when creating PostScript files, use the Save As PostScript command.

The Save As PostScript command isn't available in Adobe Reader.

'Printing Tips ' button

If you're connected to the Internet, this option connects to the Adobe website for information on how to troubleshoot printing problems.

'Advanced ' button

Opens one or more panels for setting additional printing options.

Glossary for Adobe Reader®: Advanced Print Setup window

Definition

This glossary provides some explanations about the settings you can find in the Advanced Print Setup window of the Adobe Reader.

The descriptions below come from the Adobe Reader online help, available at the time we write those printing guidelines.

Use the PostScript Options panel of the Advanced Print Setup window to set options for a particular PostScript printer.

These options include how to handle non-resident printer fonts and whether to download Asian fonts. If a PDF contains device-dependent settings, such as halftones and transfer functions, these settings can be sent in the PostScript output to override the default settings in the printer.

PostScript Options section

- **'Language'**
Specifies the level of PostScript to generate for the pages. Choose the level of PostScript appropriate for your printer.
- **'Font And Resource Policy'**
Specifies how fonts and resources in the document are sent to a printer when those fonts and resources aren't present on the printer.

| Possible values | Description |
|-----------------|---|
| Send At Start | Downloads all fonts and resources at the start of the print job. The fonts and resources remain on the printer until the job has finished printing. This option is the fastest but uses the most printer memory. |
| Send By Range | Downloads fonts and resources before printing the first page that uses them, and then discards them when they are no longer needed. This option uses less printer memory. However, if a PostScript processor reorders the pages later in the workflow, the font downloading can be incorrect, resulting in missing fonts. This option does not work with some printers. |

| Possible values | Description |
|--------------------|---|
| Send For Each Page | Downloads all fonts and resources for a given page before the page prints, and then discards the fonts when the page has finished printing. This option uses the least printer memory. |

■ **'Download Asian Fonts'**

Prints documents with Asian fonts that aren't installed on the printer or embedded in the PDF.

The Asian fonts must be present on the system.

■ **'Convert TrueType To Type 1'** (for Adobe Reader 9)

Converts TrueType fonts to PostScript fonts for PostScript file.

Some older PostScript output devices require this conversion.

■ **'Emit CIDFontType2 As CIDFontType2 (PS Version 2015 And Greater)'**

Preserves hinting information in the original font when printing.

If unselected, CIDFontType2 fonts are converted to CIDFontType0 fonts, which are compatible with a wider range of printers.

This option is available for PostScript 3 and PostScript Level 2 (PostScript version 2015 and later) output devices.

■ **'Discolored background correction'**

Allows to correct severe discoloration during printing, such as white backgrounds printing as yellow.

'Let printer determine colors' (for Adobe Reader 9)

In this workflow, the application does no colour conversion but sends all necessary conversion information to the output device.

This method is especially convenient when printing to inkjet photo printers, because each combination of paper type, printing resolution, and additional printing parameters (such as high-speed printing) requires a different profile. Most new inkjet photo printers come with fairly accurate profiles built into the driver, so letting the printer select the right profile saves time and alleviates mistakes.

This method is also recommended if you are not familiar with colour management.

If you choose this method, it is very important that you set up printing options and turn on colour management in your printer driver.

Print As Image

Prints pages as bitmap images. Select this option if normal printing doesn't produce the desired results.