



Advanced User's Guide

C9850hdn
C9850hdt
C9850 MFP



PREFACE

Every effort has been made to ensure that the information in this document is complete, accurate, and up-to-date. Oki assumes no responsibility for the results of errors beyond its control. Oki also cannot guarantee that changes in software and equipment made by other manufacturers and referred to in this guide will not affect the applicability of the information in it. Mention of software products manufactured by other companies does not necessarily constitute endorsement by Oki.

While all reasonable efforts have been made to make this document as accurate and helpful as possible, we make no warranty of any kind, expressed or implied, as to the accuracy or completeness of the information contained herein.

The most up-to-date drivers and manuals are available from:
<http://www.okiprintingsolutions.com>

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As an ENERGY STAR Program Participant, the manufacturer has determined that this product meets the ENERGY STAR guidelines for energy efficiency.



This product complies with the requirements of the Council Directives 2004/108/EC (EMC), 2006/95/EC (LVD) and 1999/5/EC (R&TTE), as amended where applicable, on the approximation of the laws of the member states relating to electromagnetic compatibility, low voltage and radio & telecommunications terminal equipment.

CAUTION!

This product complies with EN55022 Class B. However, when fitted with the optional scanner and/or finisher, compliance to EN55022 is Class A. In a domestic environment this configuration may cause radio interference, in which case the user may be required to take adequate measures.

EMERGENCY FIRST AID

Take care with toner powder:

If swallowed, give small amounts of cold water and seek medical attention. DO NOT attempt to induce vomiting.



If inhaled, move the person to an open area for fresh air. Seek medical attention.

If it gets into the eyes, flush with large amounts of water for at least 15 minutes keeping eyelids open. Seek medical attention.

Spillages should be treated with cold water and soap to help reduce risk of staining skin or clothing.

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ENVIRONMENTAL INFORMATION



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NOTES, CAUTIONS AND WARNINGS

NOTE

A note provides additional information to supplement the main text.

CAUTION!

A caution provides additional information which, if ignored, may result in equipment malfunction or damage.

WARNING!

A warning provides additional information which, if ignored, may result in a risk of personal injury.

For the protection of your product, and in order to ensure that you benefit from its full functionality, this model has been designed to operate only with genuine Oki Printing Solutions toner cartridges. These can be identified by the Oki Printing Solutions trademark. Any other toner cartridge may not operate at all, even if it is described as "compatible", and if it does work, your product's performance and print quality may be degraded.

Specifications subject to change without notice. All trademarks acknowledged.

ABOUT THIS GUIDE

DOCUMENTATION SUITE

This guide is part of a suite of online and printed documentation provided to help you to become familiar with your product and to make the best use of its many powerful features. The documentation is summarised below for reference and is found on the Manuals CD / DVD unless indicated otherwise:

- > Installation Safety Booklet (printed)
- > Quick Configuration Guide
- > Quick User Guide
- > Advanced User Guide (this document)
- > Troubleshooting, Maintenance Guide
- > SendMe™ Guide
- > Fiery Manuals Suite
- > Installation Guides – for consumables and optional accessories (printed)
- > Online Help – accessible from control panels, printer drivers and utility software

PURPOSE OF THIS GUIDE

NOTE

This guide is written to cover the complete C9850 Series of products and as such may contain information about features that your product does not have installed.

The purpose of this guide is to provide you with in-depth information on how to use your system efficiently and effectively for:

- > printing
- > copying
- > scanning
- > faxing

INTRODUCTION

The Quick User's Guide provides you with a general appreciation of the capabilities and advantages of your product and introduces you to some basic everyday operations involving printing, copying, scanning and faxing.

This guide is intended to supplement the Quick User's Guide by providing detailed operating instructions for all printing, copying, scanning and faxing functions. Refer to this guide to find out how to extend the basic operations already covered and how to carry out complex operations.

The Quick User's Guide and the Advanced User's Guide both assume normal operating conditions apply. Refer to the Troubleshooting, Maintenance Guide for guidance on how to identify and resolve any problems that may arise while you are operating your product.

PRINTING – INTRODUCTION

DRIVERS

A printer driver manages printing communication between your application and the printer. It interprets the instructions generated by the application, merges those instructions with printer-specific options you set and then translates all this information into a language that the printer understands. Printing options can be set not only in the driver but also in the printer Setup, ColorWise Pro Tools, Hot Folders, or Command Workstation.

The printer options you set in the driver override the printer Setup and ColorWise Pro Tools settings while settings made from Command Workstation override your printer driver settings.

The following printer driver types are available, depending on your operating system:

- > Windows: PCL5c, PCL6 and PostScript
- > Mac: PostScript

The PCL drivers are very similar to each other. PCL6 prints faster than PCL5c but it does not allow poster printing or watermark printing whereas PCL5c does.

As a broad rule, where you have the choice, use PCL for printing general office document files and use PostScript for printing files with a high graphical content or PDF files.

NOTE

Download the latest drivers from www.okiprintingsolutions.com.

USING THE DRIVERS

Full details of using the available drivers are given in the following sections.

PRINTING FROM WINDOWS – PCL

HOW TO ACCESS THE DRIVER SCREENS

Most of the features described are accessed via the printer driver windows. How you access them depends on your computer and its operating system.

The driver windows are tabbed dialogue boxes, offering a wide range of choices about how you want to print your documents.

There are two ways to access the driver features:

1. Directly from the Windows “Printers” folder (“Printers and Faxes” folder in Windows XP).

If you choose this method any changes you make will become the driver defaults. This means they will remain active for all your applications unless you specifically change them from within the application’s Print dialogue.

2. From your application’s Print dialogue.

If you choose this method any changes you make will usually only last for as long as the particular application is running, or until you change them again. In most cases, once you quit the application the driver defaults will return.

NOTE

Settings made from the printer’s own control panel are the printer defaults. They determine how your printer will behave unless you specify otherwise from your computer.

*The **driver defaults** override the printer defaults.*

***Application Print settings** override both the printer defaults and the driver defaults.*

CHANGING THE DRIVER DEFAULTS

Windows XP/2000

1. Click **Start > Settings > Printers and Faxes** to open the Printers and Faxes window.
2. In the Printers and Faxes window, right-click on the appropriate printer driver icon, and choose **Printing Preferences** from the context menu.

Windows Vista

1. Click **Start > Control Panel > Printers** to open the Printers and Faxes window.
2. In the Printers and Faxes window, right-click on the appropriate printer driver icon, and choose **Printing Preferences** from the context menu.

CHANGING THE APPLICATION’S DRIVER SETTINGS

1. In your application, open the file you want to print.
2. On the **File** menu, choose **Print...**
3. In the application’s Print dialogue, make sure the printer shown is the appropriate one, and click **Properties**.

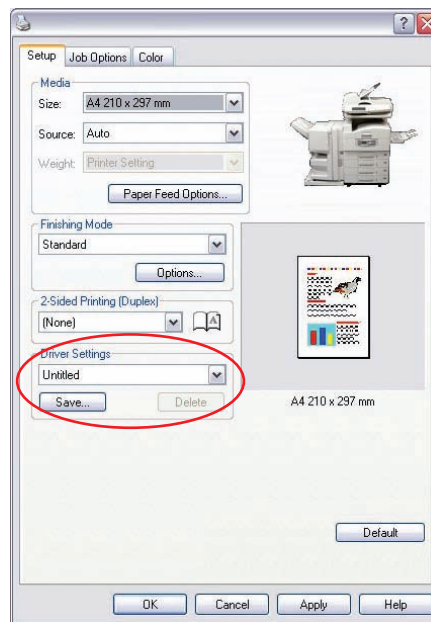
DRIVER SETTINGS

This feature allows you to save the printer driver settings and reuse them later. This could be useful if you frequently print many different types of document that require different printer driver settings.

Recalling saved settings is a simple task that must be done first, before any job-specific changes are made. Rather than repeat the procedure throughout this manual, it is described here.

SAVING A SET OF DRIVER SETTINGS

1. Make any changes to the driver settings you want, as described in the relevant section of this manual.
2. In the driver's **Setup** tab, click **Save....**



3. Enter a meaningful name for the settings you are saving, and click **OK**.

RECALLING SAVED DRIVER SETTINGS

1. In the driver's **Setup** tab, choose any previously saved *driver settings* you need.
2. Proceed to make any other adjustments for this job, as described in the relevant section in this manual.

SETTING THE DRIVER DEVICE OPTIONS

This section explains how to ensure that your printer driver can utilise all of the hardware features installed in your printer.

Accessories such as hard disk, duplex unit (two sided printing), additional paper trays, etc., will only be usable if the printer driver on your computer knows they are there.

In some cases the hardware configuration of your printer is automatically detected when the driver is installed. However, it is advisable to at least check whether all of the available hardware features are listed in the driver.

This procedure is essential if you subsequently add extra hardware features to your printer after the drivers have been installed and set up.

NOTE

Remember that if your printer or MFP is shared between users on different computers, the driver must be adjusted on each user's machine.

To set the driver device options:

1. Access the driver's Properties window.
2. Select the Device Options tab.



3. Set the options for any devices you have installed, including the correct number of paper trays, finisher, duplex unit, etc.
4. Click **OK** to close the window and save your changes.

PRINTING BLACK

BLACK GENERATION

You can specify whether black graphics in colour documents are printed using:

- > Composite Black
- > Pure Black

Pure Black is the default setting.

Composite black

The cyan, magenta, yellow, and black toners are combined to create composite black. This will sometimes give a glossier finish due to the increased amount of toner. It can also appear as a slightly brownish black.

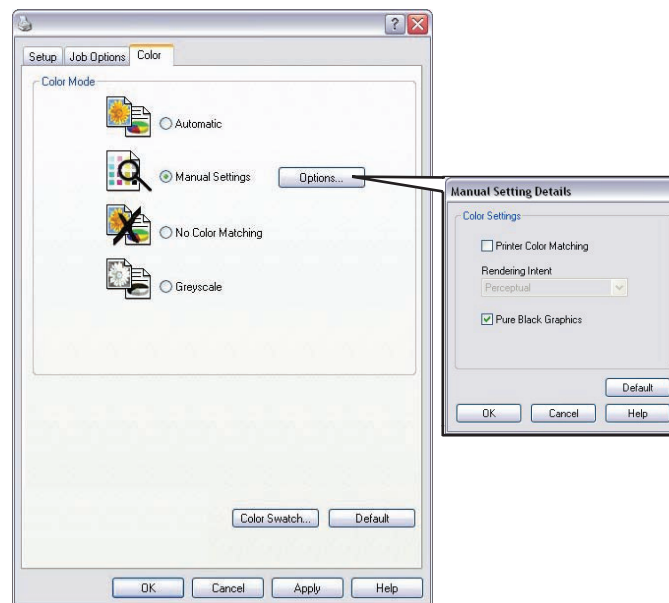
Pure black

Only black toner is used to print pure black.

HOW TO CHOOSE COMPOSITE BLACK OR PURE BLACK

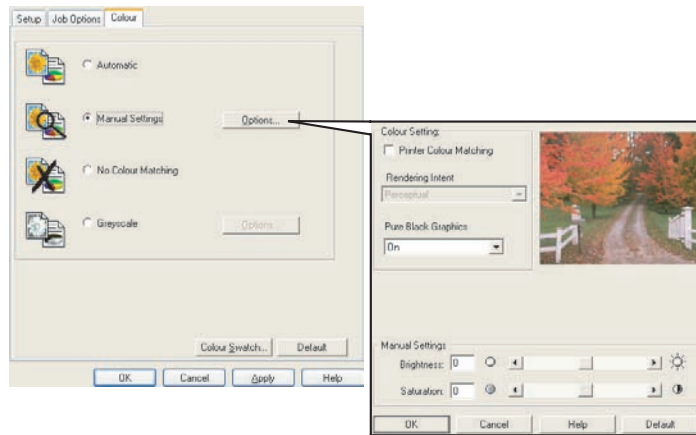
PCL

1. On the Colour tab select **Manual Settings** and click **Options....**
2. Select or deselect **Pure Black Graphics**. If Pure Black Graphics is not selected, prints will use composite black.



PCL 6

1. On the Colour tab select **Manual Settings** and click **Options...**
2. From the **Pure Black Graphics** drop-down list, select **On** or **Off**. If Pure Black Graphics is **Off**, prints will use composite black.



COLOUR MATCHING

FACTORS THAT AFFECT COLOUR PRINTING

There are many factors that affect colour printing. Some of the most important factors are:

- > the differences between the range of colours a monitor can reproduce versus the range of colours that a printer can reproduce (See [page 17](#)).
- > monitor settings (See [page 17](#)).
- > colour settings in your software application (See [page 18](#)).
- > how your software application displays colour (See [page 18](#)).
- > colour settings in your printer driver (See [page 18](#)).
- > viewing (lighting) conditions (See [page 18](#)).
- > paper type (See [page 18](#)).

Monitor colours vs. printer colours

(Differences between the range of colours a monitor or printer can reproduce)

Neither a printer nor a monitor can reproduce the full range of colours seen by the human eye. Each device is limited to a certain range of colours.

- > A printer cannot reproduce all of the colours displayed on a monitor.
- > A monitor cannot reproduce all of the colours printed by a printer.

Both devices use very different technologies to represent colour.

- > A monitor uses Red, Green and Blue (RGB) phosphors (or LCDs).
- > A printer uses Cyan, Yellow, Magenta and Black (CMYK) toner or ink.

Very vivid colours (such as intense reds and blues) can be displayed on a monitor. These same colours cannot be easily produced on any printer using toner or ink.

There are certain colours (for example, some yellows), that can be printed, but cannot be displayed accurately on a monitor.

These differences between monitor colours and printer colours are the main reasons why printed colours do not always match the colours displayed on screen.

Monitor settings

The brightness and contrast controls on your monitor can change how your document looks on-screen.

Your monitor colour temperature also influences how “warm” or “cool” the colours look.

Several of the colour matching options make reference to your monitor’s colour temperature.

Many monitors allow you to adjust the colour temperature through their control panels.

There are several settings found on a typical monitor:

5000k or D50	Warmest, yellowish lighting	Typically used in graphics arts environments.
6500k or D65	Cooler	Approximates daylight conditions.
9300k	Cool	The default setting for many monitors and television sets.

k=degrees Kelvin, a measurement of temperature

Software settings

Many software applications have their own colour settings.

The application settings may override the settings in the printer driver. Please refer to the documentation for your software application for details on that particular program's colour management functions.

How the application displays colour

Some graphics applications such as Adobe® Photoshop®, or Macromedia Freehand® may display colour differently from "office" applications such as Microsoft® Word.

Please see your application's online help or user manual for more information.

Printer driver settings

The colour settings in your printer driver can change the appearance of a document. The default driver settings produce good results for most documents.

There are several options available to help match the printed colours with those displayed on screen. (See ["How to perform colour matching" on page 19.](#))

Lighting (Viewing) conditions

A document can look very different under various lighting conditions.

For example, the colours may look different when viewed standing next to a sunlit window compared to how they look under standard office fluorescent lighting.

Paper type

The type of paper used can also significantly affect the printed colour.

For example, a printout on recycled paper can look duller than one on specially formulated glossy paper.

HOW TO PERFORM COLOUR MATCHING

There are several ways to achieve colour matching with your printer. The range of options available varies according to your computer platform, operating system, colour production method, and printer driver type.

Descriptions

The following table provides a brief description of the available settings for colour matching:

SETTING	DESCRIPTION
Automatic	The printer driver will apply optimal settings based on the page content of your document.
Manual	PCL Allows you to select the rendering intent and pure black. See "Rendering intents - PCL5c driver only" on page 20. See "Black generation" on page 15. PCL 6 Allows you to select the rendering intent, pure black, and adjust the brightness and saturation levels. See "Rendering intents - PCL5c driver only" on page 20. See "Black generation" on page 15. See "Brightness and saturation" on page 21.
Greyscale	This option prints all documents as monochrome using only black toner. No colour prints. The printer interprets all colours as a variation of greys. Use Greyscale to speed up printing of proof copies or when you don't need to print a colour document in colour.
No Colour Matching	Use this option to turn off all printer colour matching. No colour correction occurs when selected.

How to use

You can change these settings on the Colour tab.

Rendering intents - PCL5c driver only

When a document is printed, a conversion takes place from the document's colour space to the printer colour space. The rendering intents are essentially a set of rules that determine how this colour conversion takes place.

SETTING	DESCRIPTION
Off	Default setting.
Perceptual	Best choice for printing photographs. Compresses the source gamut into the printer's gamut while maintaining the overall appearance of an image. This may change the overall appearance of an image as all the colours are shifted together. This option attempts to simulate RGB colour.
Saturation	Best choice for printing bright and saturated colours if you don't care how accurate the colours are. Best choice for graphs, charts, diagrams etc. Maps fully saturated colours in the source gamut to fully saturated colours in the printer's gamut.
Relative Colorimetric	Good for proofing CMYK colour images on a desktop printer. Much like Absolute Colorimetric, except that it scales the source white to the (usually) paper white. Unlike Absolute Colorimetric, Relative Colorimetric attempts to take the paper white into account.
Absolute Colorimetric	Best for printing solid colours and tints (such as Company logos). Matches colours common to both devices (monitor and printer) exactly. Clips the out-of-gamut colours to their nearest printed equivalent. Tries to print white as it appears on screen. The white of a monitor is often very different from paper white, so this may result in colour casts, especially in the lighter areas of an image.

To change these settings in your printer driver:

1. Click the Colour tab.
2. Select **Manual Settings** and click **Options....**
3. Select **Printer Colour Matching** and choose the desired rendering intent from the drop-down list.

Brightness and saturation

NOTE
This feature is available with PCL 6 only.

Before printing a document, you can adjust the brightness and saturation settings:

SETTING	DESCRIPTION
Brightness	Determines the total amount of light (white) in the colour. Zero brightness is black. 100% Brightness is white. Intermediate values are "light" or "dark" colours.
Saturation	The degree of saturation of a colour is its relative purity, or intensity.

To adjust these settings:

1. Click the Colour tab.
2. Select **Manual Settings** and click **Options....**
3. Use the horizontal scroll bars to adjust the brightness and saturation levels.

Matching specific colours

Use the Colour Swatch Utility to print out a chart of RGB swatches. Select your desired RGB values from the swatches and enter the values in your application's colour picker.

See Utilities for more information.

PRINT RESOLUTION

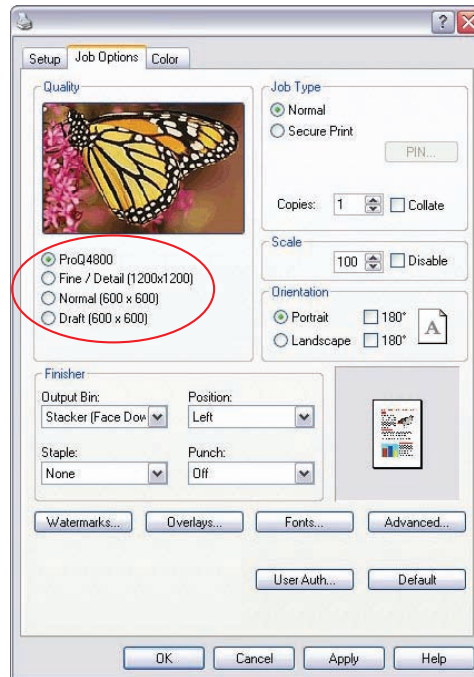
The resolution for a print job controls the print speed and print quality of a job.

Raising the print resolution can maximise the image quality of a print job. You usually do this for final versions of documents or when printing images (photographs).

Lowering the print resolution can increase print speed, reduce the need for toner, and reduce the wear on the image drum. You usually do this for proof or draft versions of documents.

HOW TO USE

1. On the Job Options tab select the desired **Quality** level.



The available options are:

- > ProQ4800 *best possible*
- > Fine/Detail (1200 x 1200)
- > Normal (600 x 600)
- > Draft (600 x 600)

2. Click **OK**.

FINISHING OPTIONS

Your printer has many features that help control the form of your printed document.

- > “Booklet printing” on [page 23](#)
- > “Collating” on [page 24](#)
- > “Separating queued print jobs” on [page 25](#)
- > “Cover print” on [page 26](#)
- > “Custom page size” on [page 26](#)
- > “Duplex (double-sided) printing” on [page 27](#)
- > “Printing multiple pages on one sheet (N-up)” on [page 28](#)
- > “Poster printing” on [page 29](#)
- > “Fit to page” on [page 30](#)
- > “Watermarks” on [page 31](#)

BOOKLET PRINTING

Booklet printing allows printing of multipage documents with their pages ordered and arranged so that final printed output can be folded into a booklet. Typically, A4 (or A3) pages would be reduced to A5 (or A4) and printed side by side on both sides of A4 (or A3) paper, so that the paper can be folded into a booklet.

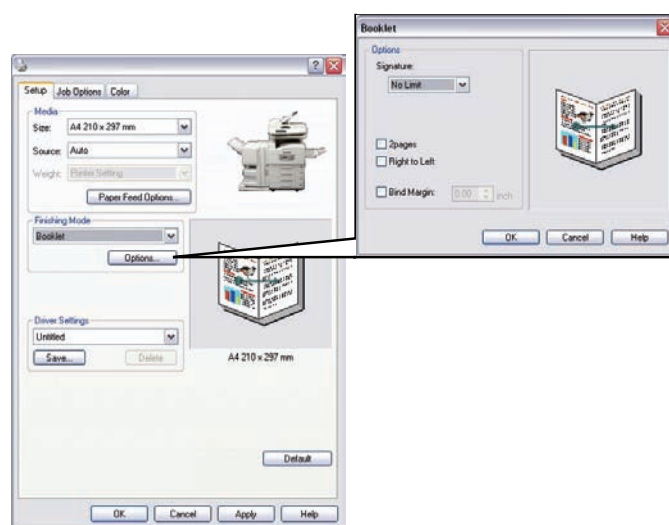
NOTE

A few applications do not support booklet printing, but most do.

Note that the number of pages in a booklet is always a multiple of four, since two pages are printed on each side of each sheet of paper. If your document is not a multiple of four pages long, the last one, two or three pages in your folded booklet will be blank.

Activating Booklet Printing

1. On the driver's Setup tab, choose **Booklet** from the **Finishing Mode** drop-down list.
2. Click **Options...**



3. In the Booklet window you can set the signature size, the number of pages per side of paper, the binding margin, and if the booklet will be read right to left or left to right. The graphic in this window shows the effect of each choice you make.

Click **Help** for more information (not available for PCL5c driver).

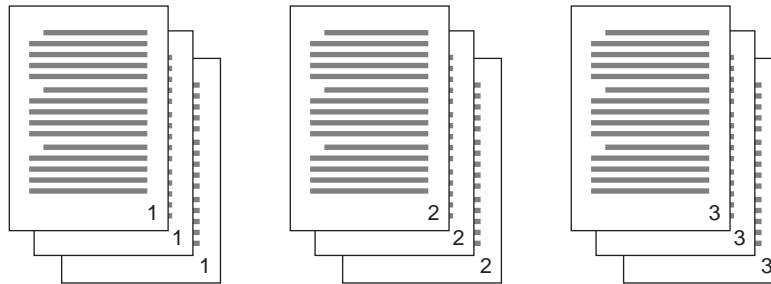
4. Click **OK**.

If you do not have the **Booklet** option on the Setup tab, check that the Duplex is enabled in the driver. (See [“Setting the driver device options” on page 14.](#))

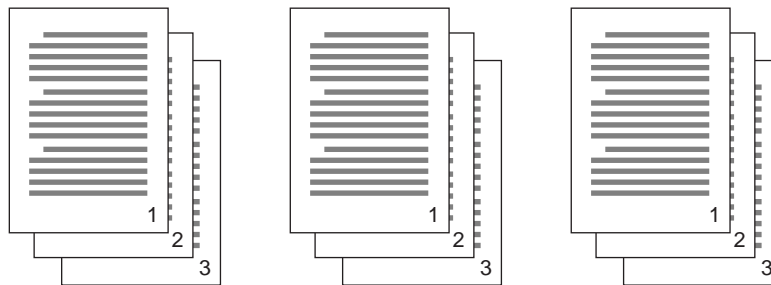
COLLATING

This feature allows multiple copies of a multipage document to be printed with the pages of each copy in sequence.

Uncollated pages print like this:



Collated pages print like this:



Application collate—Some application programs have a collate feature in their print options. In this case the application performs the document collation and may send the job multiple times to the printer. Generally, this method is slower but can be more reliable.

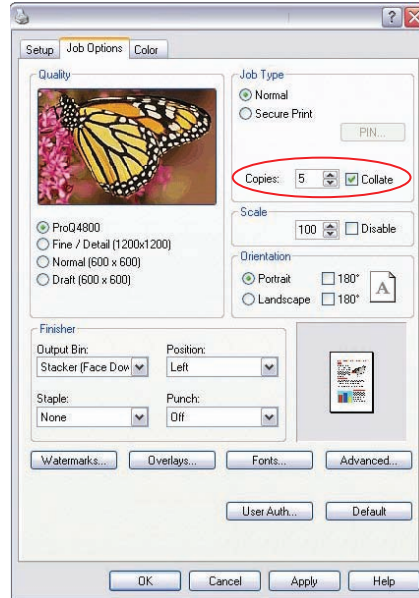
Printer collate—This section describes the collate function built into the printer driver. In this case the job is stored temporarily in printer memory or on the printer’s hard disk (if installed), and the printer performs collation. This method is normally faster, but may not work from all applications.

If you experience problems using printer collate, use the collate option in your application’s print options instead.

Printing collated documents

1. On the Job Options tab, choose how many **Copies** you want to print from the scrolling list.

2. Click the **Collate** checkbox (a checkmark appears).

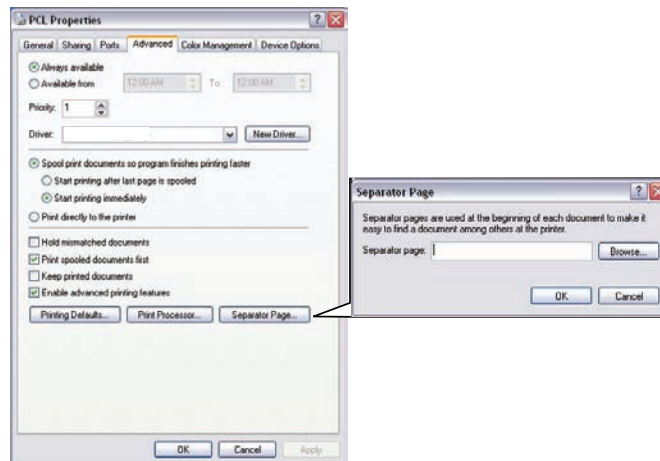


3. Click **OK**.

SEPARATING QUEUED PRINT JOBS

When you share a printer with other users it can be useful to print a special page between print jobs to help locate each user's job in a paper stack at the printer.

The separator page is set from the printer driver's default properties window. Access to this is directly from Windows, not from within your application program. See ["Changing the driver defaults"](#) on page 12.



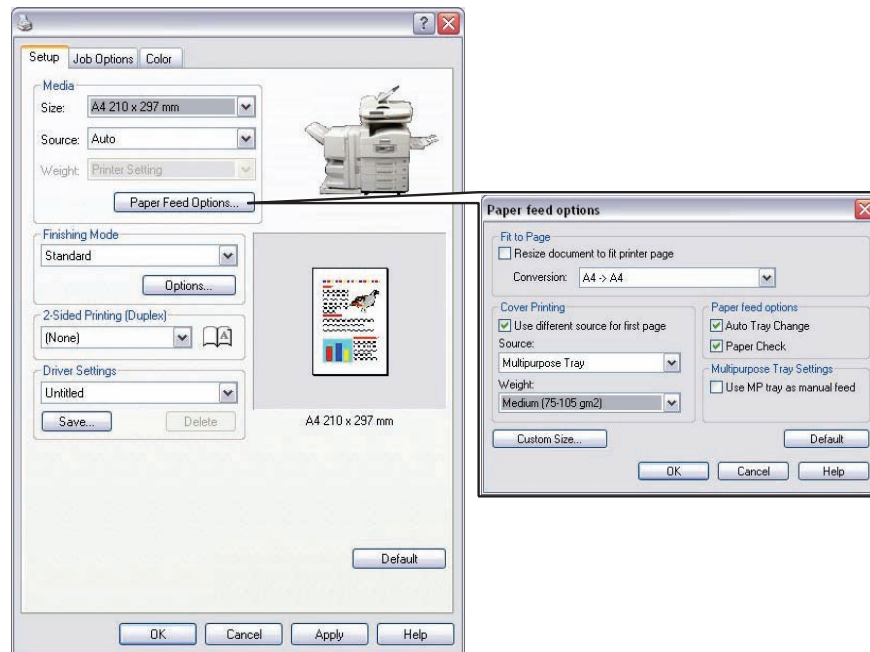
1. In the driver's Advanced tab click the **Separator Page...** button.
2. Click **Browse...** and navigate to a file containing an image of the separator page you wish to use, then click **OK**.

COVER PRINT

Cover print is when the first page (cover) of a print job is fed from one paper tray, and the remaining pages of the print job are fed from another paper tray.

How to use cover print

1. On the Setup tab, click **Paper Feed Options....**
2. Under **Cover Printing**, select **Use different source for first page**.



3. Choose the tray you want to feed the cover page from and the paper type in the **Source** and **Weight** drop-down lists.
4. Click **OK** to close the Paper feed options window.

CUSTOM PAGE SIZE

This feature enables printing on non-standard sized print media.

The multipurpose tray is used for feeding non-standard media sizes. Print media width can be from approximately 76mm to 328mm, and its length can be from 90mm to 1200mm. Actual limits vary slightly depending on which printer driver you use and your computer's operating system.

Some software applications may not produce the desired results with non-standard print media sizes, and some experimentation may be required to obtain the results you want.

NOTE

If you are using heavy media, transparencies, envelopes or labels, use the face up (straight through) paper feed path.

For face up printing (straight-through path), make sure the rear exit is open and the paper support is extended.

- > *Paper is stacked in reverse order.*
 - > *Tray capacity is about 100 sheets. (Actual capacity depends on paper weight.)*
-

How to create, edit, and delete a custom page size

1. On the driver's Setup tab, click the **Paper Feed Options...** button.
2. In the Paper Feed Options window, click **Custom Size....**

If you have previously saved any custom sizes they will be listed in the Custom Size window.

3. To create a new custom size:
 - (a) Enter the desired dimensions in the Width and Length boxes.
 - (b) Enter a name for the new size in the Name box, and click **Add>>** to save it in the list.

To edit a previously saved custom size:

- (a) Click its name in the list and edit its dimensions and/or name.
- (b) Click **Modify**.

To delete a previously saved custom size:

- (a) Click its name in the list.
- (b) Click **Delete**.

4. Click **OK** to accept your changes and close the Custom Size window.

Selecting a custom page size

Once you have created a custom page size using the previous procedure:

1. On the driver's Setup tab open the **Size** drop-down list.
2. Select your defined custom page.

If this is the size of your document but you want to scale it to fit a standard size of paper:

1. On the driver's Setup tab, click **Paper Feed Options....**
2. Click **Resize document to fit printer page** and choose the printer's actual paper size from the **Conversion** drop-down list.

It is also possible to select the page size within your software application. See the documentation supplied with your software application for more information.

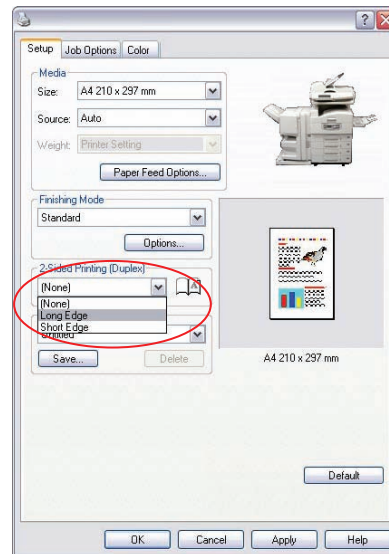
DUPLEX (DOUBLE-SIDED) PRINTING

If your printer has a duplex unit installed you can print on both sides of the paper, to save paper, weight, bulk and cost.

- > Only paper can be used for duplex printing, not transparencies or other media.
- > Use paper stock of 75–120 g/m². If you experience excessive curling with 75–90 g/m² paper, use 105 g/m².
- > Use standard sized paper stock only, e.g. A4, A3, Letter, etc.
- > Load the paper print side up. Ream wrappers are usually marked with an arrow, indicating which is the print side.
- > Paper can be fed from standard paper trays, including the high capacity feeder if you have one, but not from the multipurpose tray.
- > Do not set the paper weight to Ultra Heavy.
- > Do not enable the White Page Skip function.

Activating duplex printing

On the driver's Setup tab, under **2-Sided Printing**, select the binding edge you want:



For portrait (tall) page layout the usual choice is **Long Edge**. For landscape (wide) page layout the usual choice is **Short Edge**.

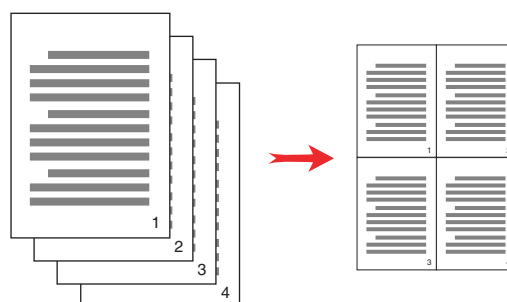
Choosing **None** turns off duplex printing and your document will be printed single-sided.

If you have a duplex unit installed, but do not have the **2-sided printing** option on the **Setup** tab, check that the Duplex option is enabled in the driver. (See ["Setting the driver device options"](#) on page 14.)

PRINTING MULTIPLE PAGES ON ONE SHEET (N-UP)

This feature scales the page size of your document for printing and reproduces several pages per sheet.

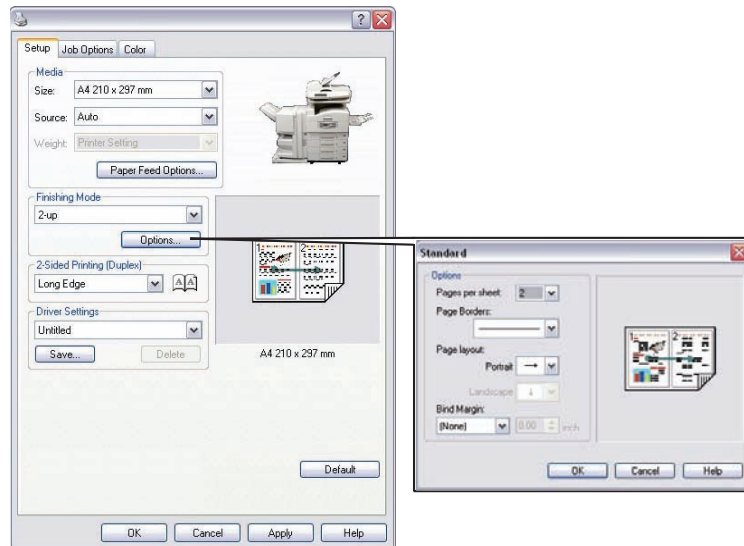
This is useful when you simply want to proof your page layout, or distribute your document in a more compact format. It saves paper, bulk, weight and cost.



If you have a duplex unit installed, you can even combine this feature with duplex printing to save even more.

How to Print Multiple Pages on One Sheet

1. In the driver's Setup tab, choose the number of pages you want to print on each sheet from the **Finishing Mode** drop-down list. **Standard** is normal, and **8-up** (PCL-6) and **16-up** (PCL) is maximum.
2. Click **Options...** to choose from the available options for this feature.



From here you can choose the page printing order, the page layout, whether you want printed page borders, and a binding margin if you need it.

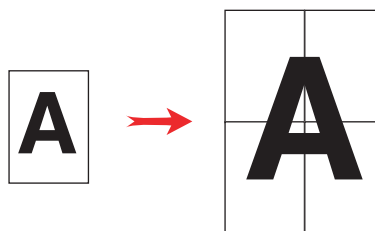
3. Click **OK**.

POSTER PRINTING

NOTE

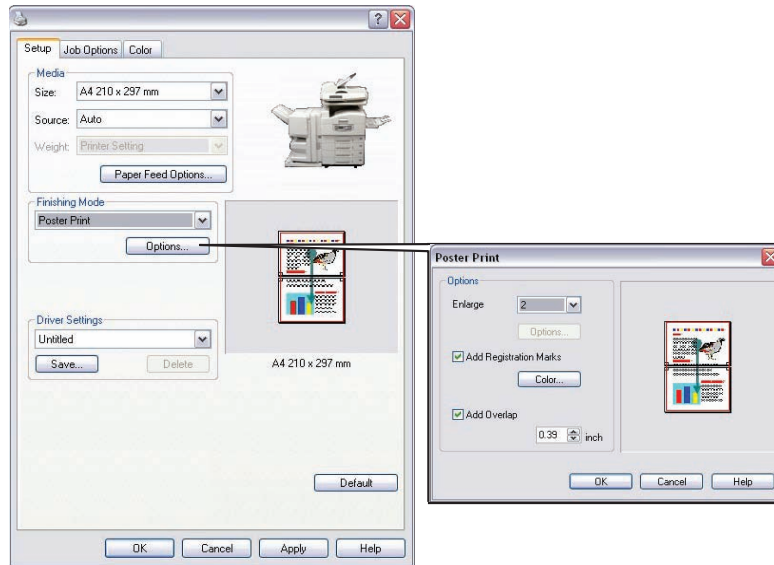
Poster printing is not available with the PCL 6 driver.

This option allows you to print posters by dividing a single document page into multiple pieces (sometimes called "tiles"). Each piece prints, enlarged, on a separate sheet. Then, you combine the separate sheets to create a poster.



Printing Posters

1. In the driver's Setup tab, under **Finishing Mode** choose **Poster Print**.
2. Click **Options...** to open the Poster Print window.



- (a) Choose the *enlargement* required for your document to fill the poster.
 - (b) **Registration marks** can be printed if required so that your printed pages (tiles) can be trimmed exactly to the edge of the image.
 - (c) An *overlap* may help you to match adjacent tiles when making up your final poster.
3. Click **OK** to close the Paper Feed Options window.

FIT TO PAGE

Fit to Page allows you to print data formatted for one size page onto a different size page, without modifying the print data.

How to use

1. On the Setup tab, click **Paper Feed Options....**
2. Click **Resize document to fit printer page**.

A checkmark appears in the box.



3. Choose the scaling factor you need from the **Conversion** drop-down list.
4. Click **OK** to close the Options window.

WATERMARKS

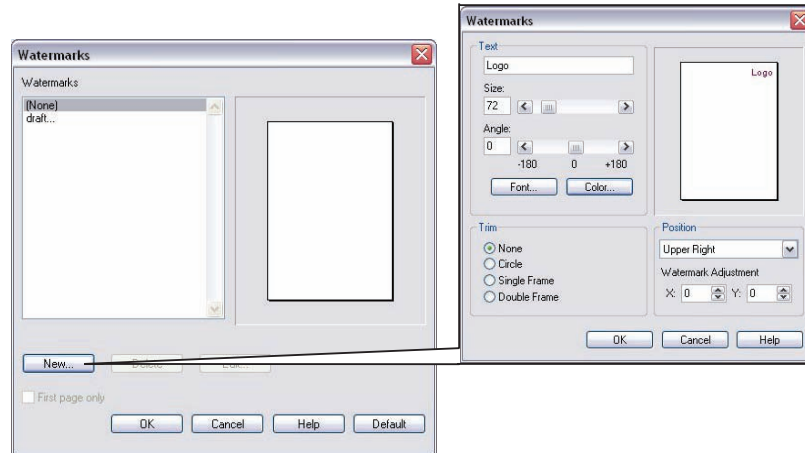
NOTE

This feature is not available with the PCL 6 driver.

A watermark is typically faint text that is superimposed on a printed document. This can be used to indicate that the document is "Draft", or perhaps "Confidential".

How to create a new watermark

1. On the Job Options tab click **Watermarks...**
2. Click **New...** and enter the text for your watermark.



3. Adjust your watermark's size, angle, font, colour, position and border (trim) if required.
4. Click **OK** to accept your changes. The new watermark is now in the Watermark list.

How to choose a previously created watermark

1. On the Job Options tab click **Watermarks...**
2. On the Watermarks window, select the watermark in the list. A preview of the watermark is shown.
3. Select the **First page only** checkbox if required.
4. Click **OK**.

How to edit an existing watermark

1. On the Job Options tab click **Watermarks...**
2. Select the watermark you want to edit, then click **Edit...**
3. Modify the text for your watermark.
4. Modify the attributes (font, colour, size, angle) for your watermark and click **OK** to accept your changes.

FONT SUBSTITUTION

This advanced feature allows you to substitute printer fonts for TrueType fonts. This may be useful if you have a document formatted with a font that is not installed on your system, but the font is built in to the printer.

When using Font Substitution, the general layout of a document does not change, but accurate font design is lost. For this reason, Font Substitution is generally not recommended as it becomes very difficult to predict the appearance of your document when printed, since there is no way of previewing how the document will print with these substituted fonts.

NOTE

If your software application uses a proprietary printer driver, Font Substitution may not work.

Not all TrueType fonts can be replaced with printer fonts.

Font Substitution not available for PCL6 driver.

Tip: You can print a sample of each of the printer's built-in fonts from the printer operator panel. See ["Print pages" on page 124](#).

HOW TO USE

1. On the **Job Options** tab, click **Fonts...**
2. Choose either **Download as Outline Font** or **Download as Bitmap Font**.
3. Check the **Font Substitution** checkbox to activate font substitution, or clear it to deactivate this function.

The TrueType and Printer Font panes list the fonts on your system and which fonts will be substituted for them on the printer. If you click on one of the TrueType fonts in the list, its associated printer font will be highlighted. You can change this if you wish by clicking on a different printer font. Click **Default** to restore the default settings.

4. Click **OK** to confirm your changes.

SECURE PRINTING

Secure printing allows you to print confidential documents on printers that are shared with other users in a network environment.

The document does not print until a PIN (personal identification number) is entered through the printer control panel. You must go to the printer and enter the PIN.

This feature requires the hard disk drive in your printer, this device must be enabled in the printer driver.

NOTE

If this choice does not appear in the driver screens, or if it is greyed out, check to ensure that the hard disk is enabled in the printer driver.

If there is not enough hard disk space for the spooled data, a "Disk Full" message displays, and only one copy prints.

NOTE

- 1. The secure printing feature may not be available from within some PC applications.*
 - 2. Secure printing is not supported on Mac OS X.*
-

If your application software has a collate print option, turn it off. Otherwise secure printing will not work.

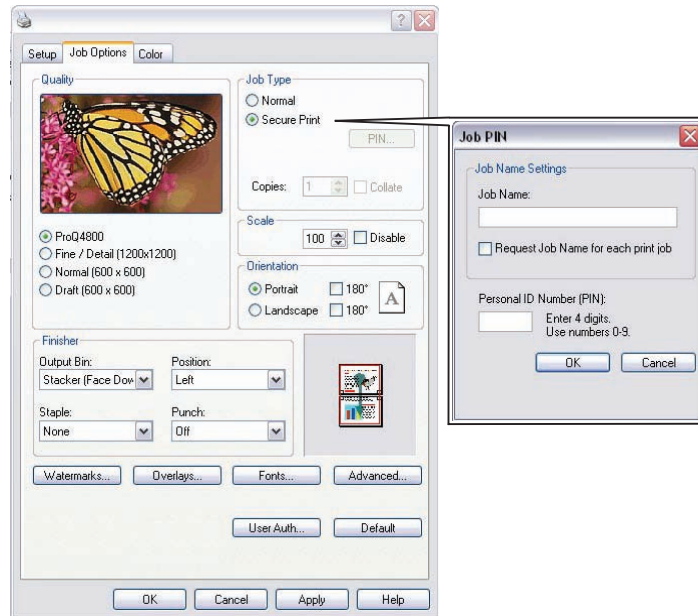
There are three parts in secure printing:

1. Sending the document to the printer ([page 34](#)).
2. Printing the document ([page 35](#)).
3. Deleting a secure print document when it is not required ([page 35](#)).

SENDING THE DOCUMENT

1. If using the PCL driver, in the Setup tab choose any saved driver settings you wish to use.
2. In the driver's Job Options tab, click **Secure Print**.

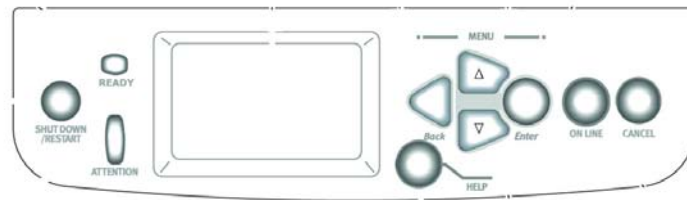
The Job PIN (personal identification number) window opens.



3. If the PIN window does not open, click the **PIN** button.
4. In the Job PIN window, enter a **Job Name** for this print job.
The name may be up to 16 alpha-numeric characters. If you have more than one print job stored on the printer when you come to print, you will need a distinctive name to distinguish between each of your print jobs.
5. If you would like a prompt at the printer for the job name, click the **Request Job Name for each print job** checkbox below the name entry.
6. Enter a number from 0000 to 9999 in the **PIN** box.
Your PIN must be unique on this printer. Each user should be allocated a PIN by the system administrator.
7. Click **OK** to accept your changes.
8. Click **OK** to close the Printer Properties window.
9. Print your document.
The print job will be sent to the printer, but will not print at this time.

PRINTING THE DOCUMENT

Your secure print job is printed using the printer control panel on the front of the printer.



1. When the printer is idle (READY TO PRINT indicated in the display), press **ENTER** to enter the menu mode.
2. Use the ▲▼ buttons to select the PRINT SECURE JOB menu, then press **ENTER**.
3. Select ENCRYPTED/STORED JOB.
4. Use the ▲▼ buttons to enter your PIN. Press **ENTER** after each digit.
If you have more than one stored document, a list appears in the display.
5. Use the ▲▼ buttons to select the name of the print job you wish to print, and press **ENTER** to select it.
6. If necessary, use the ▲▼ buttons to highlight the PRINT option.
7. Press **ENTER** to confirm you wish to print the document.
8. Use the ▲▼ buttons to select the number of collated copies you require.
9. Press **ENTER** to print your document.

When all required copies have been printed your document is automatically deleted from the printer's hard disk.

It is also possible to print and delete secure documents remotely from your PC using the Storage Device Manager utility.

DELETING A SECURE PRINT DOCUMENT

If you change your mind about printing a secure document, you can delete it from the printer's hard disk without printing it first.

1. Follow steps 1 to 5 in the previous procedure for printing the document.
2. Use the ▲▼ buttons to highlight the DELETE option and press **ENTER**.
3. If necessary, use the ▲▼ buttons to highlight the YES choice, and press **ENTER** to confirm the deletion.

Your document is deleted from the printer's hard disk without printing.

PRINTING FROM WINDOWS – POSTSCRIPT

The following procedures use Windows XP illustrations unless specified.

PRINTING FROM APPLICATIONS

After you install the printer driver and configure the proper port, you can print directly from most Windows applications. Set the print options for the job and choose Print from your application.

To achieve optimal printing results from specific applications, see Colour Printing manual and Fiery Color Reference manual.

SETTING OPTIONS AND PRINTING

To print from Windows platforms, install the PostScript printer driver. The drivers are included on the User Software (Drivers) CD / DVD. Be sure to configure the options in the Advanced tab of the printer driver after installation is complete. For full instructions, see Printing from Windows manual.

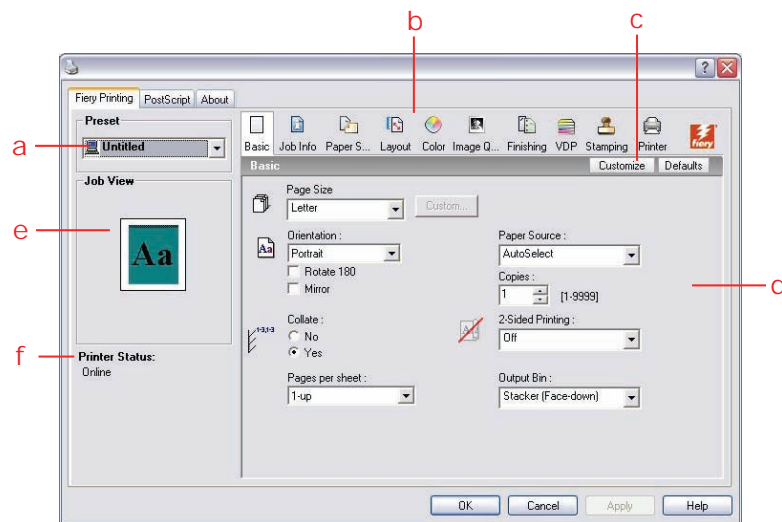
After you install the printer driver, you can specify print settings for a particular job and print it to your machine. You can also set default print settings using the driver.

If you print to a virtual printer, you may not be able to set some print options, depending on how the virtual printer is configured.

The following procedures explain how to use the printer driver to specify print options. For information about specific print options, see ["Print options – PostScript" on page 56](#).

To set print options for a specific Windows print job using the printer driver

1. Choose Print in your application.
2. Select the machine as your printer and click **Properties**.
3. Click the Fiery Printing tab.



- (a) Presets (Job Templates), see **Help**
- (b) Print Option icons
- (c) Customize (Shortcuts), see **Help**
- (d) Active area
- (e) Job View
- (f) Printer Status

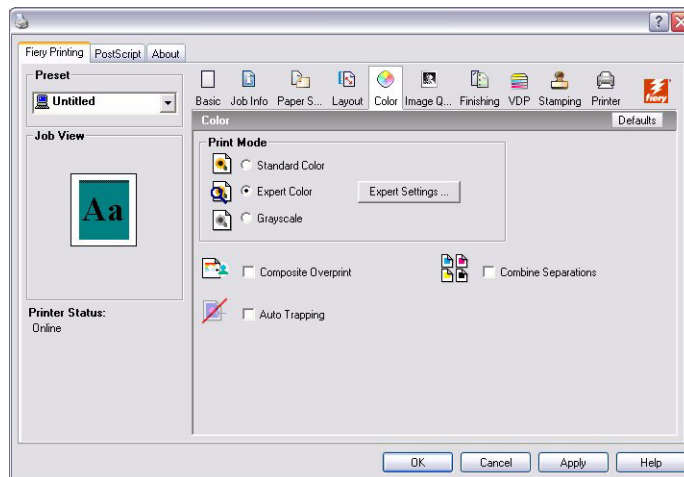
The Fiery Printing tab serves as the control centre for all frequently used printing functions.

NOTE

For a complete list of print options, see Print Options manual.

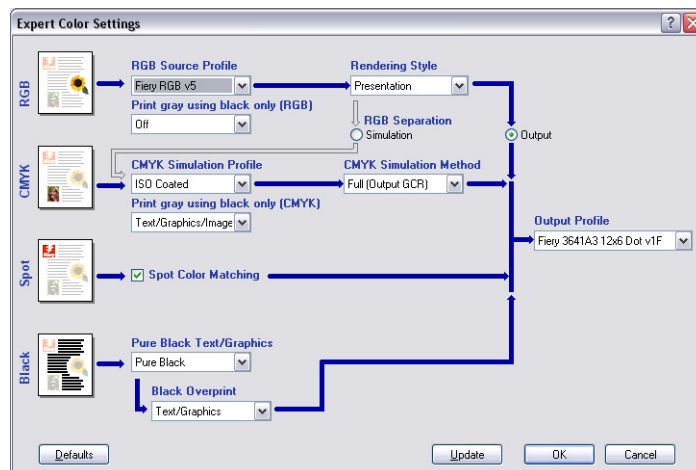
4. Click the **Color** icon and specify the colour profile options for the job.

In the Print Mode area, select a colour mode for the job. To use advanced colour management features, such as Rendering Style, click **Expert Settings** and proceed to [step 5](#). Otherwise, proceed to [step 7](#).



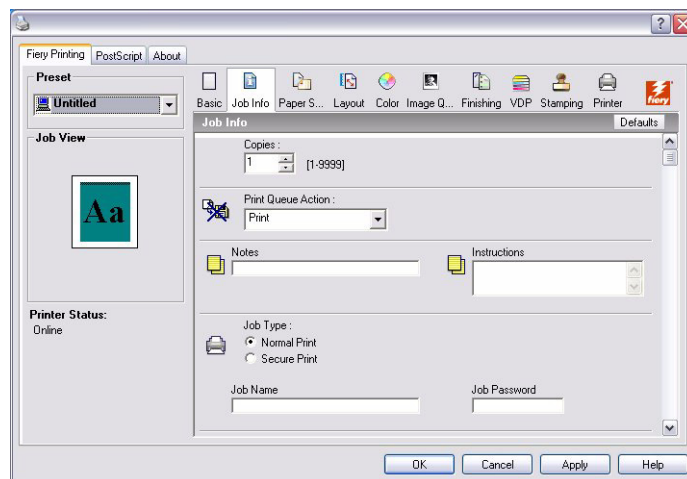
5. In the Expert Color Settings dialog box, click **Update** to display the current machine settings.

If the Update button does not appear, make sure the Two-Way Communication option is selected, as described in the Printing from Windows manual.



6. Specify the colour settings for the print job and click **OK**.

7. Click the **Job Info** icon.



8. Type information in the **Notes** field.

Enter user and job identification information for managing purposes, or other information that is required at your site.

The information that you type in this field can be viewed and edited by the operator in Command WorkStation and also appears in the Job Log.

For more information about Command WorkStation, see Utilities.

9. Type instructions to the operator about the job in the **Instructions** field.

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

10. Type a user name and password in the **User Authentication** area.

The user name that you type in the **User Authentication** area can be your network domain\user name or a local user name. Check with your system administrator about the requirements for your system.

If you do not have a user name and password or if you want to send jobs as a public user, select the **I'm a Guest** check box. The print server must be configured to allow guest printing. Otherwise, clear the **I'm a Guest** check box.

If you are not using a network user name and password, you can type your domain\user name and password in the fields provided. Click **Validate** to validate the user name and password.

When the Use Windows Login option is selected, the LDAP domain user name and password are used as an authenticated user name. This is available only if the user has logged on to the Windows computer as a domain user.

Select the **Save User Information** check box to save your user name and password information.

11. Type values for the other fields as needed.

For information about these fields, see Print Options manual.

12. Click the remaining print option icons to specify the appropriate settings for the print job and click **OK**.

These print options are specific to your machine. They override settings specified in the Printer Setup, but can be overridden from Command WorkStation. For information about these options and overrides, see Print Options manual. For more information about Command WorkStation, see Utilities.

Some print options are available only if a particular installable option has been configured. For information about configuring installable options, see *Printing from Windows* manual.

If you choose Printer's default, the job prints according to the settings specified in Setup. For more information, see *Print Options* manual.

NOTE

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

13. From your application, click **OK** to send your print job.

Make sure your machine is selected as the current printer.

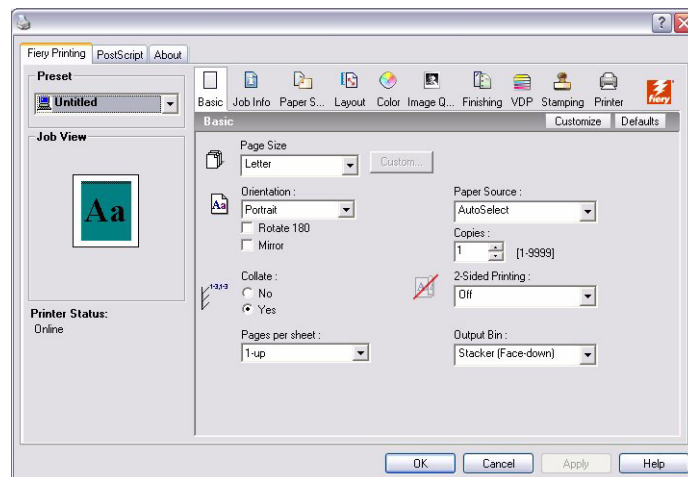
NOTE

Some print options that are selectable from an application are similar to print options that are specific to your machine. In these cases, use the print options specific to the machine. These options appear on the Fiery Printing tab. The application may not set up the file properly for printing on the machine, resulting in unexpected printing errors and longer processing time.

*With the E-mail Notification feature enabled in the printer driver (see *Printing from Windows* manual), you receive an e-mail notification after your job is printed or when a printing error occurs.*

To set default print options for Windows print jobs using the PostScript printer driver

1. Windows 2000: Click **Start > Settings > Printers**.
Windows XP: Click **Start > Printers and Faxes**.
Windows Vista: Click **Start > Settings > Printers**.
2. Right-click the machine icon and choose **Printing Preferences**.
3. If the Fiery Printing tab is not displayed, click it.



4. Specify the default settings for your print job, as described on [page 36](#).
5. Click **OK** to close the dialog box.

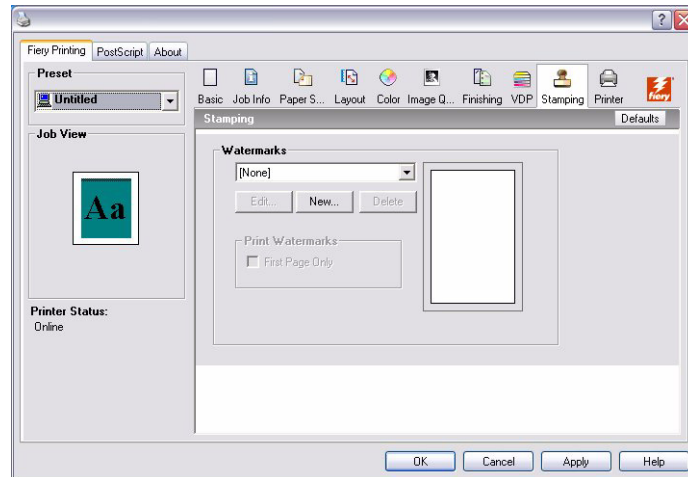
ADDING AND EDITING WATERMARKS

The Windows printer driver provides the watermarks feature. This feature allows you to select from a list of available watermarks, create new watermarks, edit text, font (size and style), colour, position, and orientation of the watermark, delete the currently selected watermark, and to specify other settings. The watermark feature is a stamp that writes over the text in the document.

The following procedure describes how to edit watermarks. For more information, see Driver Help.

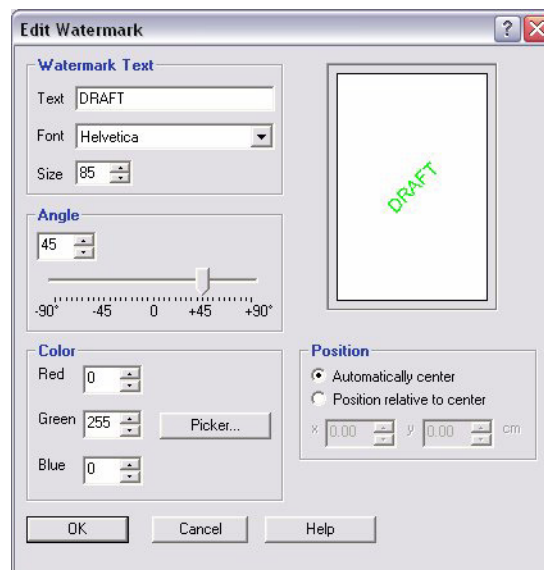
To add and edit watermarks

1. On the Fiery Printing tab, click the **Stamping** icon.



2. Select a watermark from the menu and click **Edit**.

The Edit Watermark dialog box displays.



3. Specify Font and Size of the text in the **Watermark Text** area.
4. Specify an angle for the watermark text in the **Angle** area.
Alternatively, you can click and hold one end of the watermark text in the preview area and drag it to an orientation.
5. Specify a colour for the watermark text in the **Color** area.

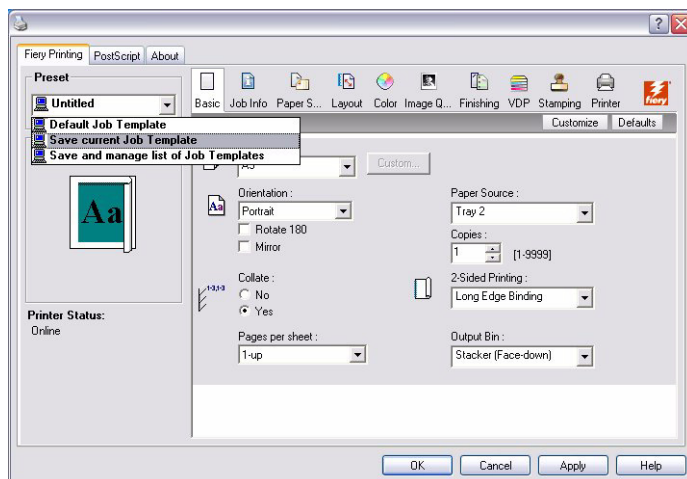
6. Specify the position of the watermark text in the **Position** area.
Alternatively, you can click and hold the centre of the watermark text in the preview area and drag it to a position.
7. Click **OK**.
8. Specify how you want the watermark text to appear on the output in the **Print Watermarks** area.

USING PRESETS

Saving print option settings to your hard disk enables you to load specifically configured settings for a particular job as a preset. You can also share presets over a network, using the Import and Export features.

TO CREATE A PRESET

1. Windows 2000: Click **Start > Settings > Printers**.
Windows XP: Click **Start > Printers and Faxes**.
Windows Vista: Click **Start > Settings > Printers**.
2. Right-click the machine icon and choose **Printing Preferences**.
3. Click the Fiery Printing tab.
4. Adjust the print settings on the Fiery Printing tab as desired.
5. Under **Preset**, choose **Save current Job Template**.



6. Enter a descriptive name for the preset (up to 32 characters long) and click **OK**.



The preset is added to the list of available presets.

The presets are available any time you access the Fiery Printing tab. They remain on your local disk until you delete them.

TO CHOOSE A PRESET FOR PRINT JOBS

The Fiery Printing tab shows which, if any, presets are available for all print jobs.

1. Windows 2000: Click **Start > Settings > Printers**.
Windows XP: Click **Start > Printers and Faxes**.
Windows Vista: Click **Start > Settings > Printers**.
2. Right-click the machine icon and choose **Printing Preferences**.
3. Click the Fiery Printing tab.
4. Under **Preset**, select a different preset.

The preset is used until you select another one.

NOTE

When you access the Fiery Printing tab from an application's Print dialog box and select a preset, the preset is used only for the current application session.

If the preset you want is not displayed, but you previously backed it up to a disk (exported it), you can import the preset to use again.

TO DELETE PRESETS

1. Windows 2000: Click **Start > Settings > Printers**.
Windows XP: Click **Start > Printers and Faxes**.
Windows Vista: Click **Start > Settings > Printers**.
2. Right-click the machine icon and choose **Printing Preferences**.
3. Click the Fiery Printing tab.
4. Under **Preset**, choose **Save** and manage list of Job Temp.
The Job Templates dialog box displays.
5. Select the preset you want to delete and click **Delete**.
6. Click **OK** to close the Job Templates dialog box.

TO REVERT TO THE DEFAULT PRESET

1. Windows 2000: Click **Start > Settings > Printers**.
Windows XP: Click **Start > Printers and Faxes**.
Windows Vista: Click **Start > Settings > Printers**.
2. Right-click the machine icon and choose **Printing Preferences**.
3. Click the Fiery Printing tab.
4. Under **Preset**, choose **Default Job Template**.

TO EXPORT (OR BACK UP) A PRESET TO A HARD DISK

1. Windows 2000: Click **Start > Settings > Printers**.
Windows XP: Click **Start > Printers and Faxes**.
Windows Vista: Click **Start > Settings > Printers**.
2. Right-click the machine icon and choose **Printing Preferences**.
3. Click the Fiery Printing tab.
4. Under **Preset**, choose **Save** and manage list of Job Temp.

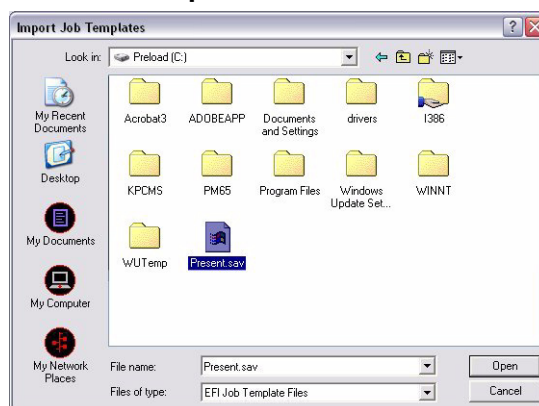
The Job Templates dialog box displays.



5. Click a name to select the saved preset you want to export or back up.
6. Click **Export**.
7. In the Export Job Templates dialog box, browse to select a folder in which to save the preset.
8. Enter a short file name for the exported preset and click **Save**.
The file includes the long name you gave the preset when you created it and has the .sav extension.

TO IMPORT (RESTORE) A PRESET SAVED ON A DISK

1. Windows 2000: Click **Start > Settings > Printers**.
Windows XP: Click **Start > Printers and Faxes**.
Windows Vista: Click **Start > Settings > Printers**.
2. Right-click the machine icon and choose **Printing Preferences**.
3. Click the Fiery Printing tab.
4. Under **Preset**, choose **Save** and manage list of Job Temp.
The Job Templates dialog box displays.
5. Click **Import**.
6. Browse to the disk and folder containing the preset you want to import.
7. Select the preset file and click **Open**.



8. Click **OK** to close the Job Templates dialog box.

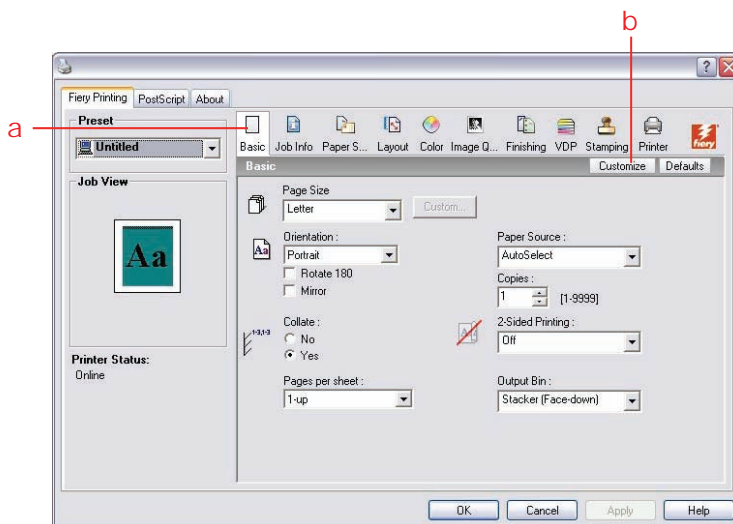


NOTE

When you import presets, they appear in the Preset menu under the preset name, not the file name. In the preceding examples, the file *present.sav* (file name) was imported, but it appears in the Preset menu as *Presentation* (preset name).

CUSTOMIZING THE BASIC ICON

The Basic icon is under the Fiery Printing tab. You can customize it with the print options you use frequently. This saves time because you do not have to open all of the other print option icons if you only want to set the options in Basic. Basic initially contains a default group of print options. You can remove these options and add others.



NOTE

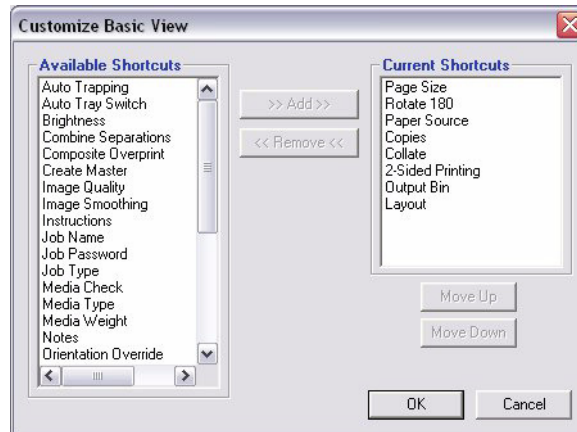
When you place a print option in Basic, it still appears under its appropriate print option icon. You can set the option from either location.

- (a) Basic icon
- (b) Customize (Shortcuts)

TO CUSTOMIZE THE BASIC ICON

1. Windows 2000: Click **Start > Settings > Printers**.
Windows XP: Click **Start > Printers and Faxes**.
Windows Vista: Click **Start > Settings > Printers**.
2. Right-click the machine icon and choose **Printing Preferences**.
3. Click the Fiery Printing tab.
4. Click the Basic icon and then click **Customize**.

The Customize Basic View dialog box is displayed. The dialog box contains the shortcuts for print options. The print options that currently appear in Basic are listed under Current Shortcuts.



5. To add an option to Basic, select the desired option in the Available Shortcuts list and click **Add**.
6. To remove an option from Basic, select the desired option in the Current Shortcuts list and click **Remove**.
7. To reorder the display of options in Basic, select an option in the Current Shortcuts list and click **Move Up** or **Move Down**.
8. Click **OK** to save your changes.

NOTE

The Basic window cannot be empty. If you remove all options from the Basic window, it reverts to the default group of options.

DEFINING AND PRINTING CUSTOM PAGE SIZES

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

NOTE

Custom page sizes are not supported with Imposition jobs.

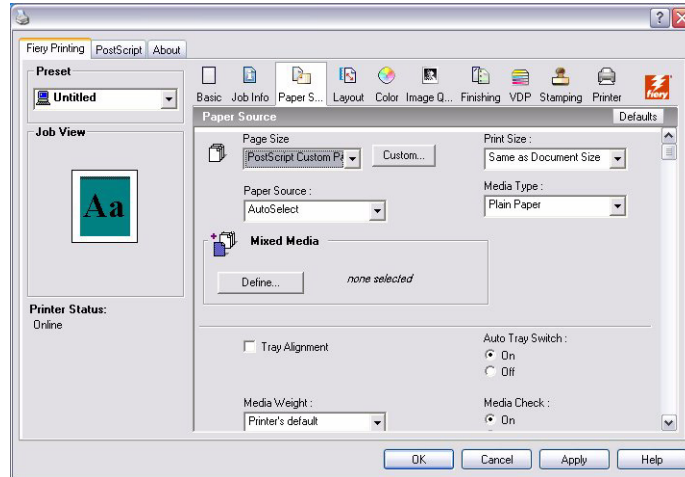
When you define or edit a custom page size, or print your job on a custom page size in the Windows PostScript printer driver, use the following procedures.

NOTE

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

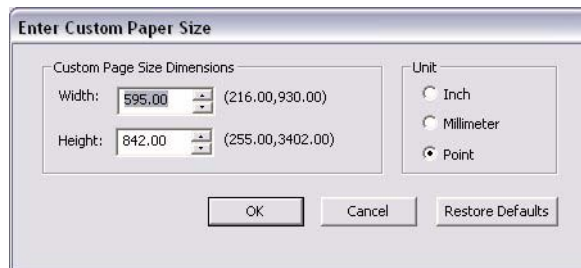
TO DEFINE A CUSTOM PAGE SIZE WITH THE WINDOWS POSTSCRIPT PRINTER DRIVER

1. Windows 2000: Click **Start > Settings > Printers**.
Windows XP: Click **Start > Printers and Faxes**.
Windows Vista: Click **Start > Settings > Printers**.
2. Right-click the machine PS icon and choose **Printing Preferences**.
3. Click the **Paper Source** icon.



4. Choose **PostScript Custom Page Size** from the Page Size menu and then click **Custom**.

The Enter Custom Paper Size dialog box displays.



5. Specify options to define the custom page size.
Custom Page Size Dimensions: Specify the width and height of the print job.
Unit: Select a unit of measurement for the print job.
6. Click **OK** to close the Enter Custom Paper Size dialog box.
7. Click **OK** to close the Printing Preferences dialog box.
You can now specify the custom page size from an application.

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

1. Windows 2000: Click **Start > Settings > Printers**.
Windows XP: Click **Start > Printers and Faxes**.
Windows Vista: Click **Start > Settings > Printers**.
2. Right-click the machine icon and choose **Printing Preferences**.
3. Click the **Paper Source** icon.
4. Choose **PostScript Custom Page Size** from the Paper Size menu and then click **Custom**.
The Enter Custom Paper Size dialog box displays.
5. Edit the settings, as described on [page 47](#), and click **OK**.

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

1. Change the page setup in your application:
 - (a) Choose **File > Page Setup...**
 - (b) Select **PostScript Custom Page Size** from the Paper Size menu.
 - (c) From the Paper Source menu, choose the paper tray that contains the custom-size paper for the job.
 - (d) Select a setting from **Orientation**, according to the way the custom size paper is loaded.
 - (e) Click **OK**.
2. Change the driver settings:
 - (a) Choose **Print** from your application.
 - (b) Select the machine as the printer and click **Properties**.
 - (c) Click the Fiery Printing tab and then click the **Paper Source** icon.
 - (d) From the Paper Source menu, choose the paper tray that contains the custom-size paper for the job.
The Paper Source selection is valid for the current job only.
 - (e) Select **PostScript Custom Page Size** from the Paper Size menu.
 - (f) Click the **Layout** icon.
 - (g) Select a setting from **Orientation**, according to the way the custom size paper is loaded.
 - (h) Click **OK**.
3. Click **OK** to print the job.

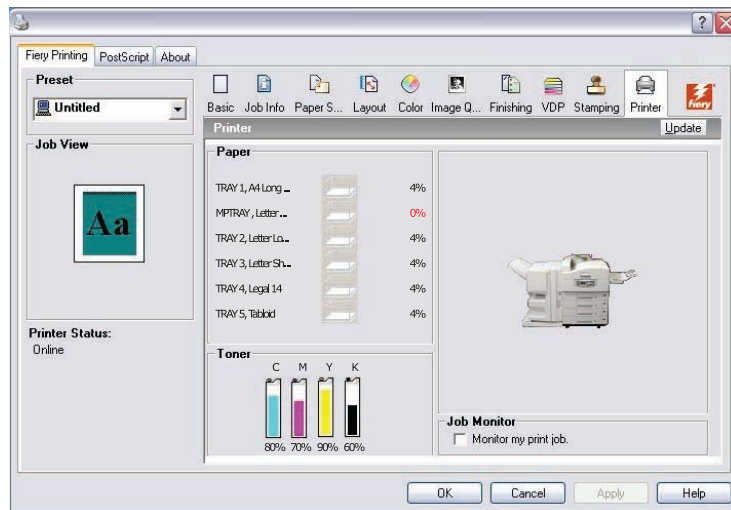
VIEWING THE PRINTER STATUS

If you have enabled Two-Way Communication for your printer, you can monitor the status of the printer, including the levels of consumable materials, such as paper and toner. For more information, see Driver Help.

For information about enabling Two-Way Communication, see Printing from Windows manual.

TO VIEW THE STATUS OF THE PRINTER CONSUMABLES

1. Windows 2000: Click **Start > Settings > Printers**.
Windows XP: Click **Start > Printers and Faxes**.
Windows Vista: Click **Start > Settings > Printers**.
2. Right-click the machine icon and choose **Printing Preferences**.
3. Click the Fiery Printing tab.
4. Click the **Printer** icon and click **Update**.



Printer status is displayed in two places on the Fiery Printing tab:

- > **On the left side of the window under the document thumbnail image:** Displays error conditions that can prevent you from printing.
- > **Under the Printer icon:** Displays information about the level of both available paper in each tray and available toner (if applicable), as well as a thumbnail image of the printer and its installed options.

To update this status information, click **Update**.

PRINTING FROM MAC – POSTSCRIPT

Print to the machine as you would print to any other printer from a Mac OS X application. Select a printer and print the file from within the application. In addition to this method, you can download files to the machine using Hot Folders (an option) (see Utilities) and the Docs WebTool (see Utilities), and print documents using Command WorkStation (see Utilities).

PRINTING FROM APPLICATIONS WITH MAC OS X

After you install the printer description files using the OSX Installer, you can print directly from most Mac OS X applications. For more information about installing printer description files with the OSX Installer see Printing from Mac OS manual.

To achieve optimal printing results from specific applications, see Colour Printing manual and Fiery Color Reference manual.

SETTING PRINT OPTIONS AND PRINTING FROM MAC OS X

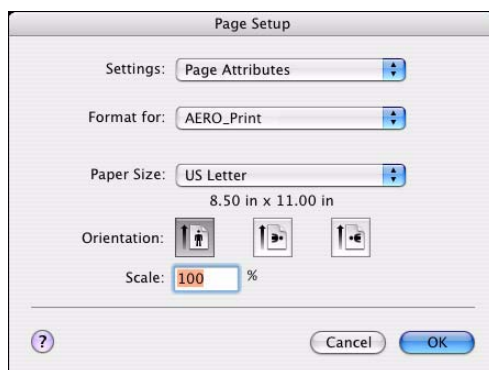
In Mac OS X applications, print options are set from the Page Setup dialog box and the Print dialog box. For information about specific print options, see Print Options manual.

NOTE

Some default print options are set by your administrator during Setup. For information about the current server default settings, contact your administrator.

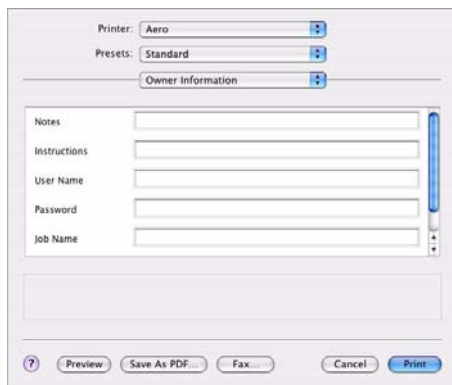
To set print options and print from Mac OS X

1. Open a file and choose **Page Setup** from the application's File menu.
2. For Settings, choose **Page Attributes**. For Format for, choose your machine.

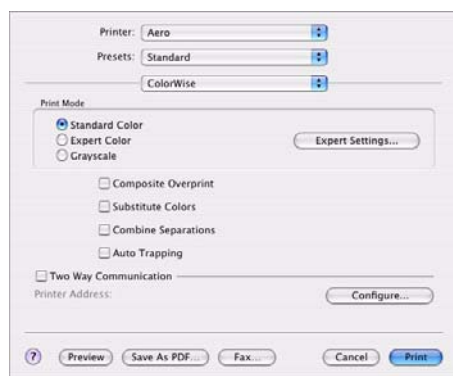


3. Select the Page settings for your print job.
4. Click **OK**.
5. Choose **Print** from the application's File menu.
6. Choose the machine as your printer.

7. Choose **Owner Information** from the drop-down list.



8. Type information in the **Notes** field.
Enter user and job identification information for managing purposes, or other information that is required at your site.
The information you type in the **Notes** field can be viewed and edited by the operator in Command WorkStation and also appears in the Job Log.
9. Type instructions to the operator about the job in the **Instructions** field.
These instructions can be displayed in Command WorkStation but do not appear in the Job Log. These instructions can be edited by the operator.
10. Type your user name or domain/user name in the **User Name** field if User Authentication is enabled on your machine.
11. Type your local password or the domain password in the **Password** field if User Authentication is enabled on your machine.
12. Specify values for the other fields as required.
For information about these fields, see Print Options manual.
13. Choose **ColorWise** from the drop-down list.
14. Specify colour print options for the job.

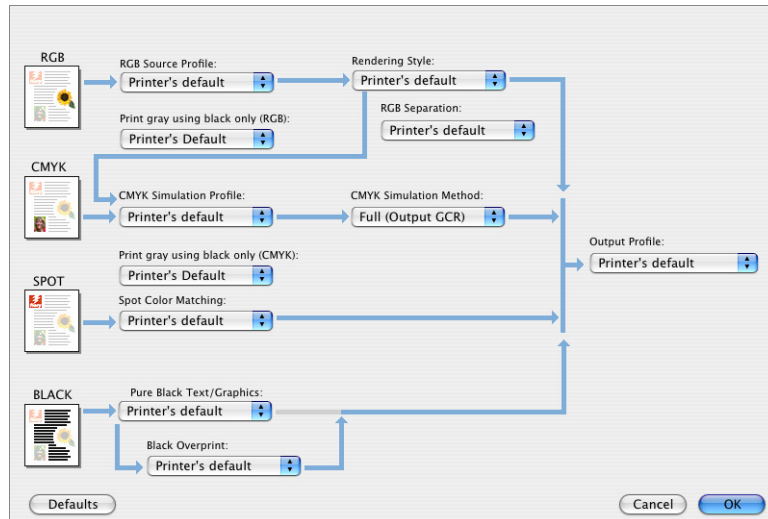


15. To use advanced colour management features, such as Rendering Style, click **Expert Settings**.

The Expert Color Settings dialog box displays.

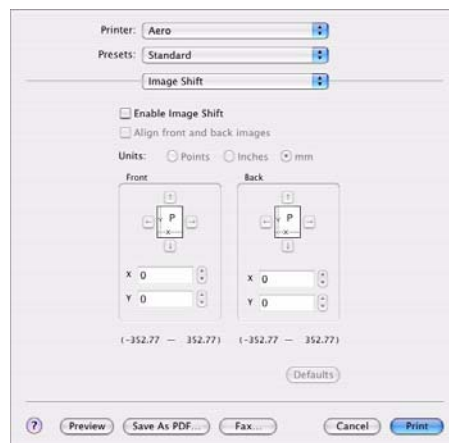
NOTE

To display the ColorWise settings from your machine in this dialog box, make sure that Two-Way Communication is enabled. To enable Two-Way Communication, see [page 54](#).



If you want to set the Output Profile option to Use Media Defined Profile, you must first make sure Two-Way Communication is not enabled, and then you can select Use Media Defined Profile from the drop-down list for Output Profile. Enable Two-Way Communication if you want to be able to select specific downloaded output profiles.

16. Specify the colour settings for the print job and click **OK**.
17. To shift the position of the print image on the page, choose **Image Shift** from the drop-down list and specify the shift distances.

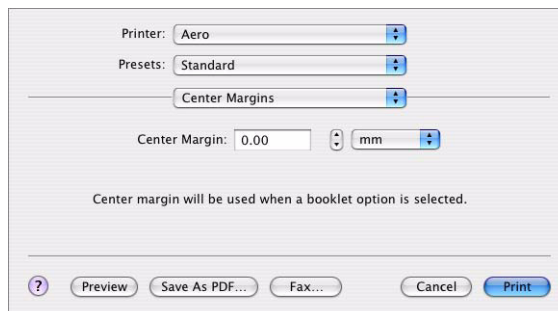


You might need to shift the print image to allow for binding, for example.

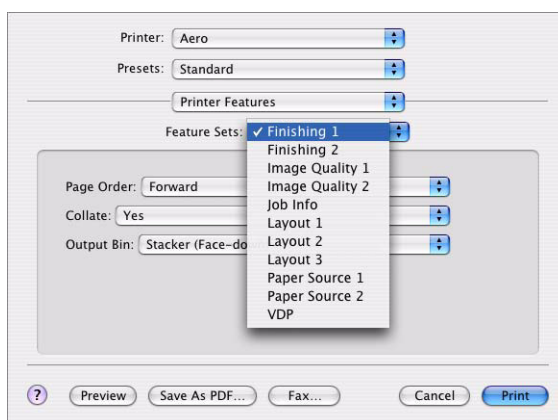
18. To specify a margin value (millimeters or inches) at the folding line for imposition printing, choose **Center Margins** from the drop-down list.

NOTE

Center Margins is only available with the Booklet Maker print option.



19. Choose **Printer Features** to specify printer-specific options. Specify settings for each selection in the Feature Sets list.



These print options are specific to your machine. You must choose each Feature Set to see all the options. These options override settings in the machine Printer Setup but can be changed from Command WorkStation.

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

For more information about these options and overrides, see Print Options manual.

Some print options that are selectable from an application are similar to the print options that are specific to your machine. In these cases, use the print options specific to your machine that appear in the **Printer Features** menu. The application may not set up the file properly for printing on your machine, resulting in unexpected finishing, printing errors and longer processing time.

If you select an invalid setting or combination of settings when printing a document, no error message appears. For example, you may be able to select duplex printing on transparency media. Invalid settings and combinations are ignored by the machine.

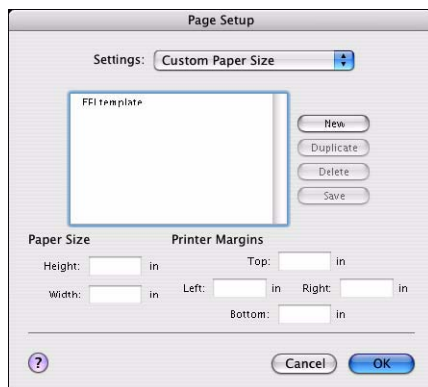
20. Click **Print**.

DEFINING CUSTOM PAGE SIZES FROM MAC OS X

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

TO DEFINE A CUSTOM PAGE SIZE ON MAC OS X v10.3

1. Choose **Page Setup** from the application's File menu.
2. Choose **Custom Paper Size** from the Settings menu.

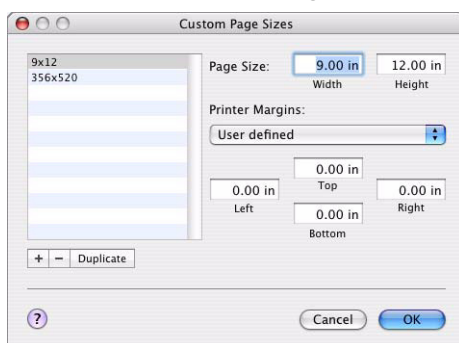


3. Click **New** and type a name for the custom page size.
4. Enter the page dimensions and margins.
5. Click **Save**.
6. Click **OK** to exit.

The custom page size you defined is added to the list of Paper Size selections in the Page Setup dialog box.

TO DEFINE A CUSTOM PAGE SIZE ON MAC OS X v10.4 AND MAC OS X v10.5

1. Choose **Page Setup** from the application's File menu.
2. Choose **Manage Custom Sizes** from the Page Size menu.



3. Click the (+) button to add a new custom page size.
4. Double-click **Untitled** and type a name for the custom page size.
5. Enter the page dimensions and margins.
6. Click **OK** to exit.

The custom page size you defined is added to the list of Page Size selections in the Page Setup dialog box.

TO EDIT A SAVED CUSTOM PAGE SIZE

1. Choose **Page Setup** from the application's File menu.
2. Choose **Custom Paper Size** from the Settings menu.
For Mac OS X v10.4 and Mac OS X v10.5 choose **Manage Custom Sizes** from the Page Size menu.
3. Select the **Custom Page Size** name.
4. Edit the page dimensions and margins.
5. Replace the existing Custom Page name by clicking it.
For Mac OS X v10.4 and Mac OS X v10.5 proceed to [step 7](#).
6. Click **Save**.
7. Click **OK** to exit.

TO DELETE A CUSTOM PAGE SIZE

1. Choose **Page Setup** from the application's File menu.
2. Choose **Custom Paper Size** from the Settings menu.
For Mac OS X v10.4 and Mac OS X v10.5 choose **Manage Custom Sizes** from the Page Size menu.
3. Select the Custom Page Size name.
4. Click **Delete**.
For Mac OS X v10.4 and Mac OS X v10.5 click the (-) button.
5. Click **OK** to exit.

TO MAKE A COPY OF THE CUSTOM PAGE SIZE

1. Choose **Page Setup** from the application's File menu.
2. Choose **Custom Paper Size** from the Settings menu.
For Mac OS X v10.4 and Mac OS X v10.5 choose **Manage Custom Sizes** from the Page Size menu.
3. Select the Custom Page Size name.
4. Click **Duplicate**.
5. Click **OK** to exit.

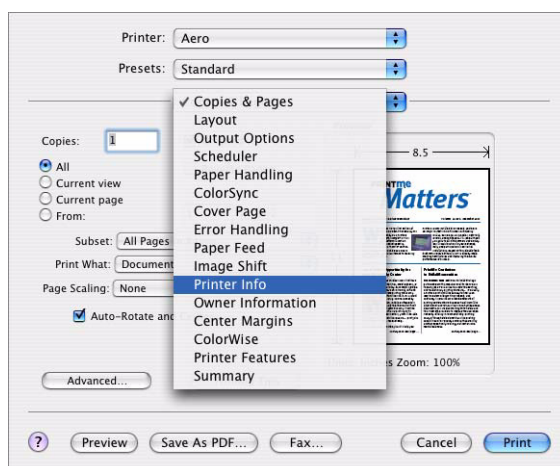
ENABLING TWO-WAY COMMUNICATION

If you enabled a TCP/IP network, you can retrieve printer status and ColorWise settings from the machine and display them in the printer driver using the Two-Way Communication feature. The printer status includes the current paper and toner levels. The ColorWise settings can be set on the machine using ColorWise Pro Tools. For more information about ColorWise print options, see Colour Printing manual.

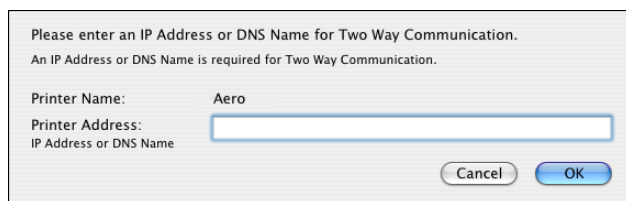
TO ENABLE TWO-WAY COMMUNICATION

1. Open a file and choose **Print** from the application's File menu.
2. Choose the machine as your printer.

3. Choose **Printer Info**, or select **ColorWise** and select the Two-Way Communication option.



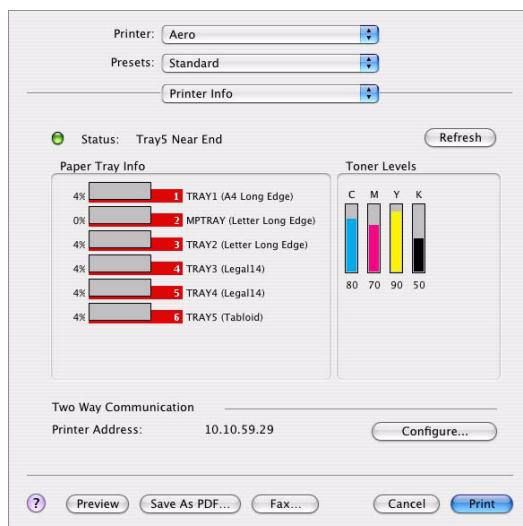
A dialog box displays requesting an IP address or DNS name.



NOTE

*If the dialog box does not display automatically, click **Configure**.*

4. Type the machine IP address or DNS name in the dialog box.
5. Click **OK**.
6. To update the printer status in the Printer Info window, click **Refresh**.



Status Light: Displays the machine status, such as ready or printing, or error conditions that can prevent you from printing.

Paper Tray Info: Displays the tray name and the amount of paper remaining in the specified tray as a percentage.

Toner Levels: Displays amount of remaining toner as a percentage. The toner amount displayed is roughly calculated and may not match the exact amount of toner remaining.

PRINT OPTIONS – POSTSCRIPT

OPTION AND SETTINGS (DEFAULT SETTING IS EMBOLDENED)	DESCRIPTION	REQUIREMENTS, CONSTRAINTS, AND INFORMATION
2-Sided Printing Off /Long Edge Binding/Short Edge Binding	Select Off for simplex (single-sided) printing. Select Long Edge Binding for duplex (double-sided) printing with both sides using the same long edge. Select Short Edge Binding for duplex (double-sided) printing with both sides using the same short edge.	For more information, see page 65 .
Auto Trapping Off /On	Specify whether the job should automatically reduce white gaps for text and graphics.	Setting this option to On (tick checkbox) may result in graphics or text surrounded with borders.
Auto Tray Switch On /Off	Specify Off to disable the Auto Tray switching option.	
Black Overprint Printer's default /Off/Text/Text&Graphics	Specify whether to overprint black text or black text and graphics placed on coloured backgrounds. Overprinting coloured backgrounds eliminates white gaps and reduces halo effects or misregistration of colours. This option is only available with the PostScript driver.	For more information, see Colour Printing manual.
Booklet Maker Off /Standard Booklet/Right Binding/Perfect/Perfect-Right Binding/Nested Saddle-Left/Nested Saddle-Right/Speed Print/Double Print/	Specify how to arrange the pages of the job in special layouts for folding or cutting after printing.	For more information, see page 66 .
Booklet Maker: Back Cover None /Print on Front/Print on Back/Print on Both/Blank Front and Back	Specify if you want to print a back cover at the end of your print job. Specify Print on Front if you want to print on the front of the back cover. Specify Print on Back if you want to print on the back of the back cover. Specify Print on Both if you want to print on the back and the front of the back cover. Specify Blank Front and Back if you want a blank back cover.	This option is only available with the Booklet Maker print option.
Booklet Maker: Cover Source Multipurpose Tray/Tray1/Tray2/Tray3/Tray4/ Same as Job /Tray5	Select a paper tray to use for front and back booklet covers.	

OPTION AND SETTINGS (DEFAULT SETTING IS EMBOLDENED)	DESCRIPTION	REQUIREMENTS, CONSTRAINTS, AND INFORMATION
Booklet Maker: Front Cover None /Print on Front/Print on Back/Print on Both/Blank Front and Back	Specify if you want to print a front cover at the beginning of your print job. Specify Print on Front if you want to print on the front of the front cover. Specify Print on Back if you want to print on the back of the front cover. Specify Print on Both if you want to print on the back and the front of the front cover. Specify Blank Front and Back if you want a blank front cover.	This option is only available with the Booklet Maker print option.
Nested Saddle Group 8/12/16/20/24/28/32/36/40	Specify the number of sheets for Nested Saddle booklets.	For more information, see page 66 .
Brightness 85% Lightest/90% Lighter/ 95% Light/ 100% Normal / 105% Dark/110% Darker/ 115% Darkest	Select 85% for a substantially lighter image, 115% for a substantially darker image, or use one of the settings in between.	Printer's default reflects the setting specified in the machine.
Center Margin 0.00 -1.97 (inches) 0 -50 (millimeters)	Specify a fixed margin value (millimeters or inches) at the folding line for booklet printing.	This option is only available with the Booklet Maker print option selected. For more information, see page 68 .
Centering Adjustment Bottom X/ XY/ Top Left	Specify a relative margin, which position the images on the page for imposition printing.	For more information, see page 68 .
CMYK Simulation Method Quick/ Full (Source GCR)/ Full (Output GCR)	Select Quick to use one-dimensional transfer curves to adjust density output of individual color channels. Select Full (Source GCR) for a more complete and accurate simulation. Full (Source GCR) applies colorimetric transformations that adjust hue as well as output density. This option produces output that maintains the same amount of black as the source document. Select Full (Output GCR) to apply the same simulation method as Full (Source GCR), except that the output produced contains a black amount determined by the Output Profile.	To access this option, click Expert Settings (Color tab). For more information, see Colour Printing manual.

OPTION AND SETTINGS (DEFAULT SETTING IS EMBOLDENED)	DESCRIPTION	REQUIREMENTS, CONSTRAINTS, AND INFORMATION
CMYK Simulation Profile Printer's default /DIC/ Euroscale/ISO Coated/ISO Uncoated/JMPA/Japan color/ SWOP-Coated/TOYO-Coated/ Simulation-1/Simulation-2/ Simulation-3/Simulation-4/ Simulation-5/Simulation-6/ Simulation-7/Simulation-8/ Simulation-9/Simulation-10/ ColorWise OFF	Specify the simulation goal you want for the current print job.	Printer's default reflects the setting specified in ColorWise Pro Tools Setup. To access this option, click Expert Settings (Color tab). For more information, see Colour Printing manual.
Collate No/ Yes	Specify how to output multiple-page/multiple-copy jobs.	
Print Mode Standard Color /Expert Color/ Grayscale	Specify the colour mode for the current print job. Select Standard Color, or Expert Color for a full-colour document. Select Grayscale for a grayscale or black-and-white document.	The options differ depending on which printer driver you use. For more information, see Colour Printing manual.
Combine Separations On/ Off	When printing separations from supported desktop publishing applications: Select On (tick checkbox) to combine separations on a single page. Select Off to view separations as four individual black-and- white pages, each representing one colour plate.	For more information, see Colour Printing manual.
Composite Overprint Off /On	Select On (tick checkbox) to overprint objects that are specified in the source PostScript or PDF file. When this option is On, overprinting commands specified in source applications will take place when the output is composite and consistent with the separations output.	
Copies 1 -9999	Specify the number of copies of a job you want to print.	Note: maximum number of copies depends on operating system.

OPTION AND SETTINGS (DEFAULT SETTING IS EMBOLDENED)	DESCRIPTION	REQUIREMENTS, CONSTRAINTS, AND INFORMATION
Creep Adjustment Off /Normal/Thick	Creep occurs when booklets have a large number of pages or are printed on heavy media. Use this option to adjust images that may shift from the center of the sheet in booklets. Select Normal when you use normal media paper for your print job. Select Thick when you use thick media paper for your print job.	For more information, see page 69 .
FreeForm: Create Master None /1-15	To create a FreeForm master from this job, specify a number to assign to the FreeForm master file.	For more information, see Variable Data Printing manual. Command WorkStation allows you to select up to 100 FreeForm Masters. For more information, see Command WorkStation Help.
FreeForm: Preview Master Click to preview	Click to generate a low-resolution image of the selected FreeForm Master.	This option is selectable only if you enable Use Master. For more information, see Variable Data Printing manual. This option is not available for Mac OS X.
FreeForm: Use Master None /1-15	For variable data print jobs, specify the FreeForm master to use for the job.	For more information, see Variable Data Printing manual. Command WorkStation allows you to select up to 100 FreeForm Masters. For more information, see Command WorkStation Help.
Image Quality Normal /Best	Select Normal to provide a good quality image at high print speed. Select Best for higher output quality. However, selecting Best may affect the printing speed.	
Image Shift Off /On	Select On (tick checkbox) to adjust an image for duplex (two-sided) printing by shifting the image horizontally, in the direction of paper travel, relative to the leading edge.	For more information, see page 69 .
Image Shift: Align front and back images Off /On	Specify to align the front cover image to the back cover image when using the Image Shift print option.	For more information, see page 69 .
Image Shift: Units mm /inches/points	Specify the measurement values when using the Image Shift print option.	For more information, see page 69 .

OPTION AND SETTINGS (DEFAULT SETTING IS EMBOLDENED)	DESCRIPTION	REQUIREMENTS, CONSTRAINTS, AND INFORMATION
Image Smoothing Off/On	Select On (tick checkbox) to minimize grainy output when printing low-resolution images. When you select On, Image Smoothing is enforced on all images.	If you create an EPS file in Photoshop, the settings specified from Photoshop take effect.
Imposition Reduction Off/On	Specify to scale up or down the page content to maximize paper usage and ensure that all page content appears. Select Off if you do not want the page content to be scaled. If you select Off, you may notice unwanted clipping. Select On when the original document size is to be printed on the same paper size by reducing the imageable area by 1/2.	If Imposition Reduction is set to Off, make sure you select the actual print size of your document output using the Print Size option.
Instructions	Enter instructions for the operator about the job.	This field has a 127-character (alphanumeric and special characters) limit.
Job Type Normal Print/Secure Print	Specify whether to print document in Normal or Secure Print mode.	Secure Print allows you print sensitive or confidential files only when present at the machine. To use Secure Print, enter a Job Name and an arbitrary job password, which you will re-enter when present at the machine.
Job Name User defined	If Secure Print is enabled, enter a Job Name for your print job.	This field has a 16-character (alphanumeric) limit.
Job Password User defined	If Secure Print is enabled, enter a Job Password for your print job.	This field has a 4-character (numeric) limit.
Media Check On/Off		
Media Type Recycled Paper/Rough Paper/ Heavy - Glossy Finish/Card Stock/Letterhead/ Plain Paper /Bond Paper/ Transparency/Labels/User Defined 1/User Defined 2/User Defined 3/User Defined 4/User Defined 5/User Defined 6/User Defined 7/User Defined 8/User Defined 9/User Defined 10	Specify the media type to use for the entire job.	Select Transparency if you will be printing on transparencies.
Media Weight Printer's Default /Light/ Medium Light/Medium/Medium Heavy/Heavy/ Ultra Heavy 1/ Ultra Heavy 2/ Ultra Heavy 3/ Ultra Heavy 4/	Select the media weight for your print job.	

OPTION AND SETTINGS (DEFAULT SETTING IS EMBOLDENED)	DESCRIPTION	REQUIREMENTS, CONSTRAINTS, AND INFORMATION
Mirror Off/On	Specify On (tick checkbox) to print the mirror image of the job, from right to left.	This option is available only from Windows printer drivers.
Mixed Media User defined	Click Define to specify the media types used for specific pages, or range(s) of pages, and to assign chapter-based finishing.	For more information, see Utilities.
N-up Layout 1-up/2-up/4-up/6-up/9-up/16-up	Select a layout (number of pages per sheet) for your print job.	
Notes User defined	Enter information about the job.	This field has a 31-character limit.
Orientation Portrait/Landscape	Specify Portrait or Landscape page orientation of the document.	
Orientation Override Off/Portrait/Landscape	Specify an orientation override for your print job.	
Output Bin Stacker (Face-up)/ Stacker (Face-down) /Finisher (Face-up)/Finisher (Face-down)	Specify the output location of the printed job.	
Output Profile Printer's default/Output-1/Output-2/Output-3/Output-4/Output-5/Output-6/Output-7/Output-8/Output-9/Output-10	Specify the output profile for the current print job. You can associate a downloaded ICC profile with one of the Output Profile settings to manage the colour conversion on the machine.	For Windows, choose Expert Color as the Color Mode to access this option. For more information, see Colour Printing manual.
Page Order Forward/Reverse	Select Forward to print the pages of your job from first to last. Select Reverse to print the pages of your job from last to first.	
Page Size Letter/ A4 /Legal/Legal 13/B4/A5/Index Card 3x5in/B5/A6/Monarch/DL/C5/Com-10/Executive/A3/A3 Nobi/C4/Com-9/Legal13.5/Tabloid/A3Wide (SRA3)/Tabloid Extra/PostScript Custom Page Size	Specify the paper size on which to print the document.	Note: To specify the target sheet size, use the Print size option. For Custom Page Sizes, see Printing from Windows or Printing from Mac OS.
Paper Source AutoSelect /Manual Feed/Tray 1/Tray 2/Tray 3/Tray 4/Tray 5/MultiPurpose Tray	Specify the paper tray to use for your job.	The AutoSelect setting automatically selects the tray containing the paper size specified for the job.

OPTION AND SETTINGS (DEFAULT SETTING IS EMBOLDENED)	DESCRIPTION	REQUIREMENTS, CONSTRAINTS, AND INFORMATION
Print Gray using Black only (CMYK) Printer's default/ Off/ Text /Graphics/ Text/Graphics/Image	Use this feature to designate that gray in a job be printed using black toner only. Select Text/Graphics to print only text and graphics using black toner. Select Text/Graphics/Images to print all objects using black toner.	This option is designed to use toner efficiently and to reduce click charges, ensuring that a single black-and-white charge is incurred, instead of four color when using a processed black. To access this option, click Expert Settings (Color tab).
Print Gray using Black only (RGB) Printer's default/ Off/ Text /Graphics / Text/Graphics/Images	Use this feature to designate that gray in a job be printed using black toner only. Select Text/Graphics to print only text and graphics using black toner. Select Text/Graphics/Images to print all objects using black toner.	This option is designed to use toner efficiently and to reduce click charges, ensuring that a single black-and-white charge is incurred. Note: The option is especially useful with PowerPoint and other Microsoft applications, which do not always properly register RGB conversion to grayscale. To access this option, click Expert Settings (Color tab).
Print Master Printer's default/ Yes/No	When you create a Master page from an application and set this option to Yes, the Master file prints. Select this option to verify or confirm your Master page.	Printer's default reflects the setting specified in the machine Setup. This option is available only if Create Master is enabled. For more information, see Variable Data Printing manual. Note: Applicable click charges occur when you print the Master.
Print Queue Action Print/ Process and Hold/Print and Hold	Select the job action with a published queue. Select Print and Hold to save the raster file after printing. Select Process and Hold if you want the job to RIP (raster image process) and not print.	This option is invalid if your job is sent to the Direct connection.
Print Size Letter/A4/Legal/Legal 13/B4/A5/Index Card 3x5in/B5/A6/Monarch/DL/C5/Com-10/Executive/A3/A3 Nobi/C4/Com-9/Legal13.5/Tabloid/A3Wide (SRA3)/Tabloid Extra/ Same as Document Size	Specify the target print size (sheet size) for your print job.	Note: To specify the document's page size, use the Page Size option.
Punch Off/ Left/Top/Right	Specify where to punch your job.	
Punch Holes None/ 2 Holes (70 mm)/2 Holes (80 mm)/3 Holes/4 Holes/4 Holes Grouped	Specify the number and style of hole punches for your print job.	

OPTION AND SETTINGS (DEFAULT SETTING IS EMBOLDENED)	DESCRIPTION	REQUIREMENTS, CONSTRAINTS, AND INFORMATION
Pure Black Text/Graphics Printer's default /Pure Black/ Rich Black/Normal	Select Normal to print black text and graphics as a four-color black using C, M, Y, and K toner, and to use normal PostScript rendering. Select Pure Black to print black text and graphics as a one-color black, using black toner only. Select Rich Black to print black text and graphics as richer looking black, by layering a small amount of Cyan toner underneath the black toner, to make the black even darker.	To access this option, click Expert Settings (Color tab). For more information, see Color Printing manual.
Remove White PPT Background Off/On	Select On when using PowerPoint to create variable data in conjunction with FreeForm.	
Rendering Style Printer's default / Photographic/Presentation/ Absolute Colorimetric/Relative Colorimetric	Specify a default color rendering dictionary (CRD) to use when you print RGB images, objects, and text.	To access this option, click Expert Settings (Color tab). For more information, see Color Printing manual.
RGB Separation Simulation/ Output	Select Simulation for RGB jobs for which you want to simulate an output device other than the device to which you are printing.	To access this option, click Expert Settings (Color tab). For more information, see Color Printing manual.
RGB Source Profile Printer's default /Apple Standard/sRGB (PC)/Adobe RGB/ECI-RGB/Fiery RGB/ EFIRGB/Source-1/Source-2/ Source-3/Source-4/Source-5/ Source-6/Source-7/Source-8/ Source-9/Source-10/None	Specify a source color space definition for printing RGB images, objects, and text.	To access this option, click Expert Settings (Color tab). For more information, see Color Printing manual.
Rotate 180 Yes/ No	Specify if you want to rotate the pages of your job 180 degrees.	
Scale 100% /25-400%	Specify a scaling override for the print job. Note: The supported range is 25 to 400.	
Scale to Fit On/ Off	Specify whether to scale your job to fit to a paper size.	For more information, see page 70 .
Screen Selection Dot Screen /Line Screen (Auto)/Line Screen (Detail)/ Line Screen (Smooth)	Select a screen mode appropriate for your print job.	

OPTION AND SETTINGS (DEFAULT SETTING IS EMBOLDENED)	DESCRIPTION	REQUIREMENTS, CONSTRAINTS, AND INFORMATION
Spot Color Matching Printer's default /Off/On	Select Off to print specified PANTONE colours in your job using the current CMYK Simulation and CMYK Simulation Method. Select On to activate the PANTONE Lookup Table. The machine prints specified PANTONE colours in your job by matching the CMYK print blend to the same colour from the PANTONE library.	For Windows, choose Expert Color as the Color Mode to access this option. For more information, see Colour Printing manual.
Staple Off /Top-Left-Horizontal (one)/Top-Left-Vertical (one)/Top-Right-Horizontal (one)/Top-Right-Vertical (one)/Left (two)/Right (two)/Top (two)/Saddle Stitch	Indicate whether or not to staple a job.	
Toner Save Mode Off /On	Specify On (tick checkbox) to decrease the amount of toner used.	
Tray Alignment Enable/ Disable	Specify if you want to enable tray alignment, which adjusts the placement of text and images on the page to ensure correct alignment for 2-sided printing.	For more information, see Utilities.
User Authentication: I'm a Guest (User Authentication) On /Off	Select On to allow you to do guest printing.	Guest printing must be set to On in the machine. For more information, see Configuration and Setup manual.
User Authentication: Password Enter a password	If User Authentication is enabled on the machine, specify your User Password to print your job. Type your local password or domain password for user authentication.	
User Authentication: Save User Information Off /On	Select On to allow you to save the user name and password information or the guest option for preceding sessions for user authentication.	
User Authentication: Use Windows Login Off /On	If you are logged in to your Windows computer, select Use Windows Login for user authentication.	This option appears when you log in to your domain on your Windows computer. This option is not available for Mac OS drivers. (For Mac OS X, select Owner Information and enter Username and Password.) For more information, see Configuration and Setup manual.

OPTION AND SETTINGS (DEFAULT SETTING IS EMBOLDENED)	DESCRIPTION	REQUIREMENTS, CONSTRAINTS, AND INFORMATION
User Authentication: Username Enter a username	If User Authentication is enabled on the Fiery MFP, specify your User Name to print your job. Type your user name or domain\user name for user authentication.	

ADDITIONAL INFORMATION

The following sections provide additional information about print options. For more information about the settings, requirements, and constraints in effect for these options, see the table on [page 56](#).

DUPLEX

Your printer is equipped for automatic duplex printing. When the Duplex print option is set to one of the duplex settings, the printer automatically turns the paper for printing on the opposite side.

To print duplex pages automatically:

1. Choose **Print** in your application and locate the Duplex print option.

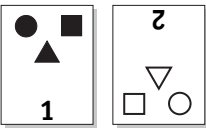
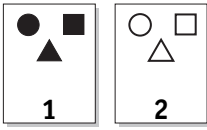

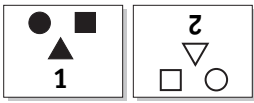
The location of the machine print options varies, depending on the printer driver that you use.

2. Choose one of the Duplex settings:

Short Edge Binding: For portrait jobs, prints the top of the image on Side 1 on the opposite edge of the page from the top of the image on Side 2. For landscape jobs, prints the top of the image on Side 1 on the same edge of the page as the top of the image on Side 2.

Long Edge Binding: For portrait jobs, prints the top of the image on Side 1 on the same edge of the page as the top of the image on Side 2. For landscape jobs, prints the top of the image on Side 1 on the opposite edge of the page from the top of the image on Side 2.

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

ORIENTATION	SHORT EDGE BINDING	LONG EDGE BINDING
Portrait		
Landscape		

AUTO TRAPPING

Trapping is a technique which prints some object slightly larger or smaller than specified in an application, in order to prevent white edges around the objects. These white edges, or "halos", can be caused by factors such as misregistration, the physical properties of the toner and the stiffness of the media. The Auto Trapping feature provides you with advanced trapping settings and gives you full control over their values.

For more information, see Color Printing manual.

BOOKLET MAKER: BOOKLETS

Use this option to arrange the pages of your print job in special layouts for folding or cutting after printing. Custom Paper Sizes are not supported when creating a booklet.

To assign a fixed center margin for your booklet job, you can use the Center Margin option. For information, see ["Center margin" on page 68](#).

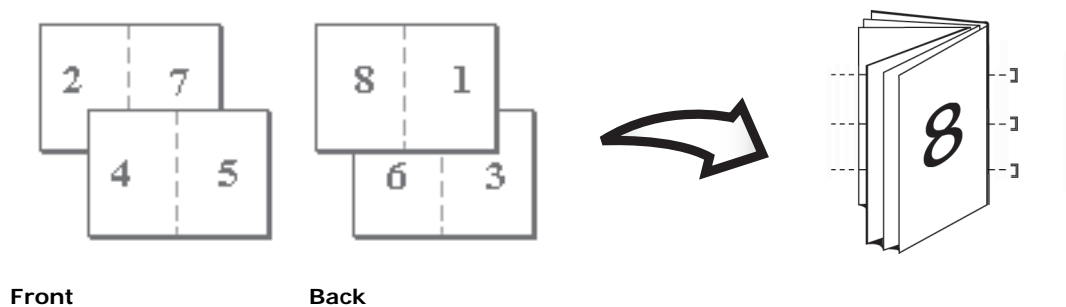
To assign a center margin relative to X- and Y-axis, you can use the Centering Adjustment option. For information, see ["Centering Adjustment" on page 68](#).

To adjust for the incremental shifting that may occur when you print booklet jobs, you can use the Creep Adjustment option. For more information, see ["Creep Adjustment" on page 69](#).

The following booklet methods are supported:

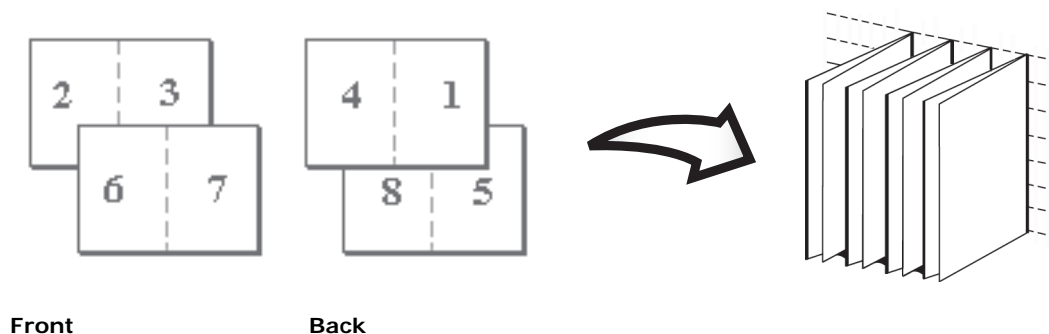
Off: The job is printed without any booklet imposition features.

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



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

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



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

Nested Saddle: Choose this setting to combine Standard and Perfect binding methods by stacking two or more Nested Saddle groups one on top of another on a common fold line, which can be stitched or glued.

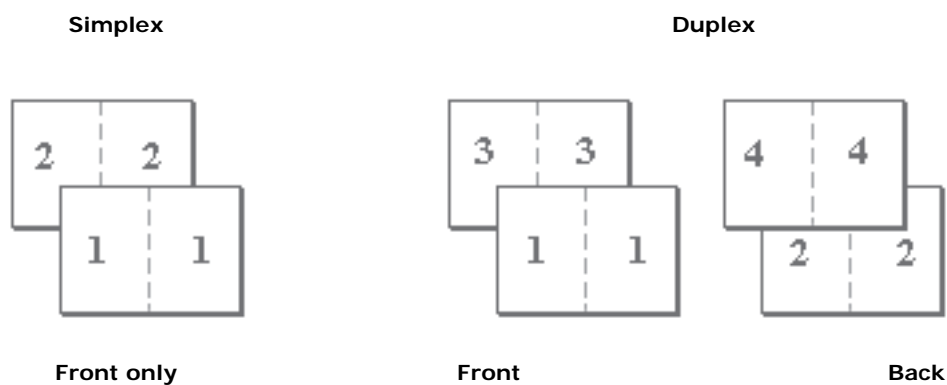
Nested Saddle - Right: This option is the same as Nested Saddle, except that the page order sequence is from right to left.

Nested Saddle Group: When nested Saddle or Nested Saddle (Right Binding) are selected, use this option to specify the number of pages to be allocated to each Nested Saddle Group.

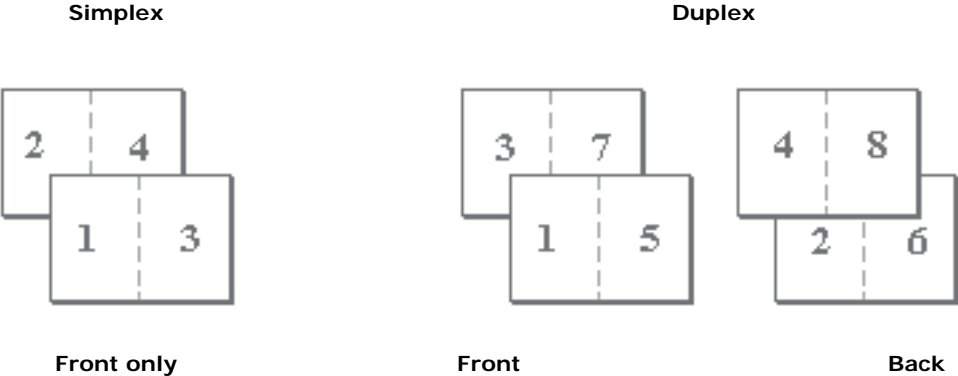
BOOKLET MAKER: SPEED PRINTING

For speed printing, the following Gang-Up print options are supported:

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



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



CENTER MARGIN

Use the Center Margin option to specify a **fixed** margin value (0–50 millimeters or 0.00–1.97 inches) at the folding line for booklet printing.

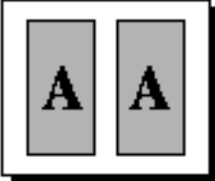

NOTE
The Center Margin option is available only when Booklet Maker is selected.

CENTERING ADJUSTMENT

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

NOTE
Centering Adjustment is available only when Booklet Maker is selected, Orientation set to Portrait, and N-up Layout set to either 1-up or 2-up.

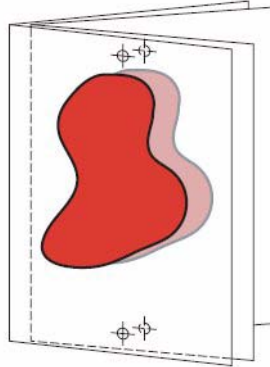
The following table describes the Centering Adjustment settings:

CENTERING ADJUSTMENT SETTING	IMAGE POSITION ON PAGE
<p>XY Centering Positions the image in the center of the page</p>	
<p>Bottom X Centering Positions the image flush with the bottom of the page</p>	

CREEP ADJUSTMENT

Creep occurs in booklets that contain a large number of pages or are printed on heavy media. As the sheets are folded to create separate page areas, each fold causes a small incremental shift in the location of the edge of each page relative to others.

Use this option to adjust images that may shift from the center of the sheet in booklet jobs.



NOTE

The Creep Adjustment option is only available when Booklet Maker is selected. It is not applicable to the Gang-up Booklet Maker settings.

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

Plain: Select this setting when printing booklets that contain a large number of pages.

Thick: Select this setting when printing booklets on heavy media.

NOTE

*If you select **Thick**, you must also specify heavy paper from the Media Type pull-down menu; otherwise, your job will print on plain paper.*

IMAGE SHIFT

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

NOTE

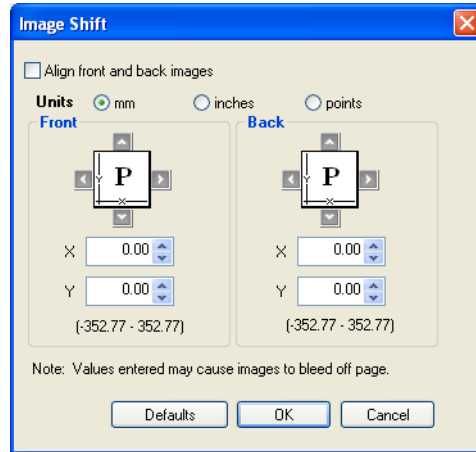
> *The Image Shift option is available in Windows printer drivers or Command WorkStation.*

> *This option is effective only for jobs in which Layout is set to 1-up.*

To define image shift for a print job:

1. In the printer driver, enable the **Image Shift** check-box, and then click the **Image Shift Options**.

The Image Shift dialog box displays.



2. Specify the unit of measurement.
3. Type the **Front** and **Back** image shift settings in the X and Y axis fields. You can also use the arrow buttons to shift the image settings.

NOTE

The maximum value for both X and Y axes is 999.99 points/13.89 inches/ 352.77 mm.

4. To align front and back images proportionately, select **Align front and back images**.

SCALE

The operator can specify a scaling override, but the override is applied to any scaling value already set in the active job. For example, if a user sends a job with a scaling value of 50% and the operator specifies a Scale override of 300%, the job is printed at 150% of the original document size, that is, 50% of 300%.

SCALE TO FIT

This option allows you to scale a job to a paper size different from the image size. When you set this option to **On**, the image is increased or reduced in size to fit a paper size you select from the Page Size option.

When this option is set to Off, the original document size is printed without any scaling, even if you print to a larger paper size.

	Original size Letter	Print size 11 x 17
Scale to Fit set to On		
Scale to Fit set to Off		

SPECIALISED PRINTING

TEMPLATE MANAGER

OVERVIEW

This powerful software program makes life easier in the office by providing ready-made templates for many kinds of stationery and promotional materials such as labels, business cards, banners & CD/DVD labelling. The unique editing suite allows the freedom to create new templates for specific media or vertical industry specific documents and to make it even easier the software automatically matches the document with the correct media. These templates can also be shared across networks for design/brand consistency.

MAIN FEATURES

- > Template Manager matches the document to the media, guaranteeing document alignment and size - resulting in error free printing and minimising paper wastage.
- > An advanced but simple to use editing suite provides a collection of powerful graphic alteration tools - minimising the need to switch to other applications.
- > The placement of text, graphics, logos and any other data is made easy by the simple interface and tools provided - ultimately giving a professional look and feel to the output.

NOTE

Template Manager does not support Mac OS X.

Template Manager is an intuitive program, however it does come complete with a comprehensive help facility which will guide you through the basics if assistance is required.

Refer to the Template Manager User's Guide for advanced user details.

BARCODE PRINTING

The barcode printing feature uses special PCL5e font selection code sequences to generate scalable, configured barcodes in a range of sizes, with automatic generation of check characters upon request.

Barcodes are generated graphically rather than using special barcode fonts. This provides better support for bar thickness, wide-to-narrow ratios, check digits and a wider range of bar coding schemes than is possible with bar coding fonts.

Refer to the Barcode Printing Guide for further details.

SCANNER UNIT OPERATING INFORMATION

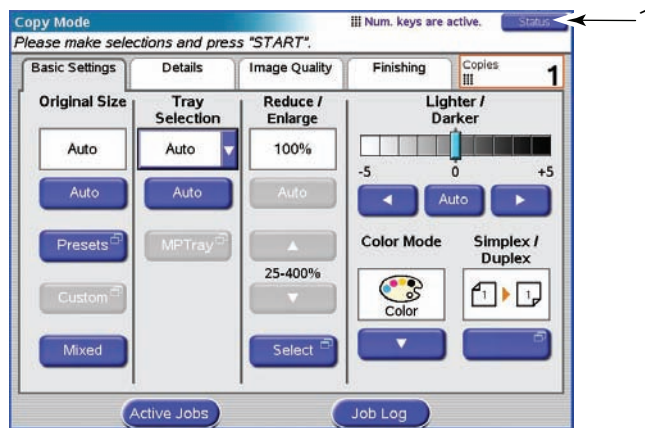
ACCESS CONTROL

If your Administrator has enabled access control on your scanner, it will automatically start up in access control mode. You will not be able to use it until you have provided valid login information. After using it, you will be expected to log out, leaving the scanner unit in access control mode, unable to be used by unauthorised users.

Refer to [“Access control” on page 114](#) for details.

STATUS MONITORING

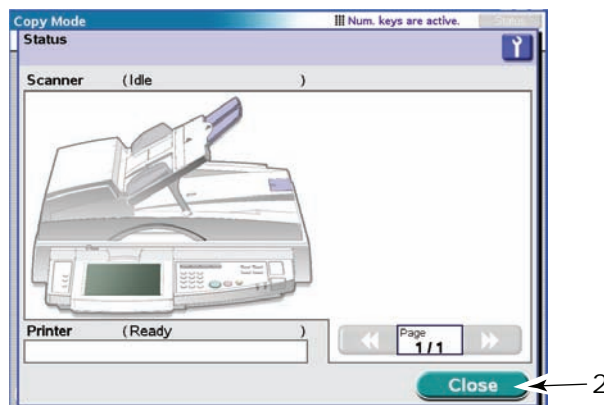
See also [“Appendix C – Scanner unit status” on page 145](#).



The **Status** button (1) changes colour depending on the status of the MFP:

- > Blue: ready status
- > Orange: warning status
- > Red: Alarm status

1. For detailed status information, press the **Status** button to display the status window.

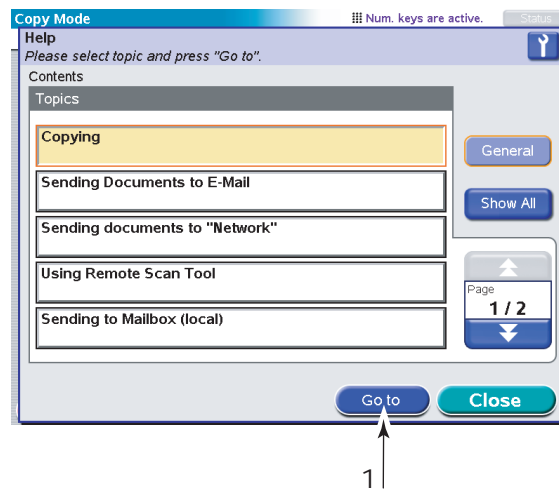


2. Press the **Close** button (2) to close the status window.

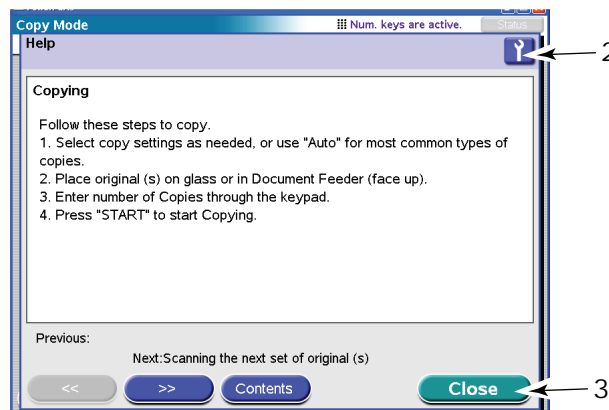
USING THE HELP FACILITY

To obtain help, press the **HELP** button on the scanner unit control panel.

1. Select a topic and then press the **Go To** button (1).



2. Navigate and read the help information you need.
3. At any time you can press the **Maintenance** button (2) to show the Dealer's Information screen for dealer contact information, then press the **Close** button to return to the Help screen.



4. Press the **Close** button (3) to leave the Help screen.

AVOIDING INCOMPATIBILITY SITUATIONS

It is possible to request your MFP to carry out instructions that would involve media incompatibilities e.g. if you are copying an A4 original with the Reduce/Enlarge setting at 141% (A4 to A3) and the (printer unit) Tray Selection set at Tray 1 containing A4 media. The MFP will detect such situations and issue a message to indicate that your request has been cancelled referring you to this guide.

To avoid an incompatibility such as the above, make sure that your chosen image size fits on the media size in the selected printer unit tray.

Other incompatibilities can arise in connection with punching and stapling requests and information to help you avoid such requests is presented in ["Appendix D – Media support information" on page 146](#).

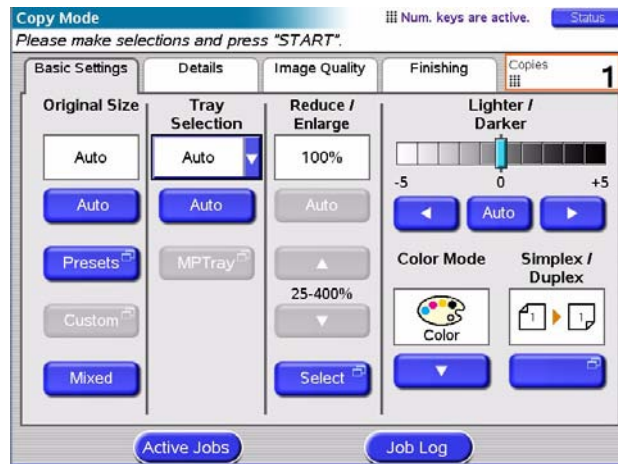
Information about document sizes that can be scanned either on the document glass or in the ADF when using the default Auto setting is provided in ["Appendix E – Auto detection paper sizes" on page 150](#).

COPYING – COPY MODE

Documents to be copied are scanned in the scanner unit (document glass or ADF) and copies are automatically printed in the printer unit.

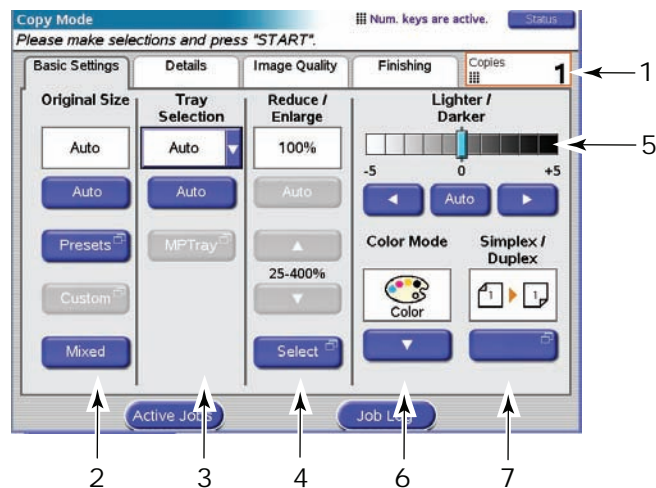
Carry out the following steps:

1. Copy Mode is the default function of the MFP. If required, press the **COPY** button on the scanner unit control panel to show the Copy Mode screen.



2. Place the document to be copied on the scanner unit glass or ADF.
3. Make your selections from the Copy Mode touch screen tabs (detailed below).
4. Press the **START** button to produce your copies.

BASIC SETTINGS TAB



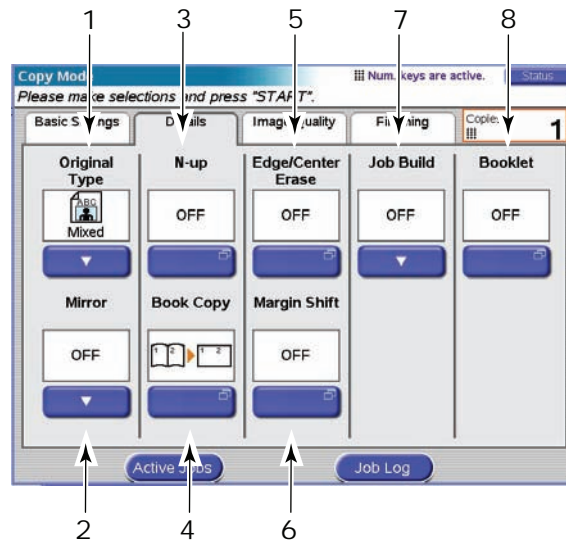
NO.	FEATURE	OPTIONS	DESCRIPTION
1	Copies	1-999	Allows you to specify the number of copies to be made. The maximum number of copies that can be set per job is 999.

NO.	FEATURE	OPTIONS	DESCRIPTION
2	Original Size	Auto, 5.5x8.5, 5.5x8.5R, 8.5x11, 8.5x11R, 8.5x13, 8.5x14, 11x17, A5, A5R, A4, A4R, A3, B5, B5R, B4, Custom, Mixed	Allows you to select the paper size to match the document size. Mixed allows you to mix originals of size letter and Legal.
3	Tray Selection	Auto, Tray 1, Tray 2, Tray 3, Tray 4, Tray 5, MPTray	Allows you to define the paper tray for printing. Auto - Allows for automatic tray selection based on the document image size and/or scaling setting defined.
4	Reduce/Enlarge	Auto, Preset, 25% – 400% by 1%, Select	Allows you to scale the copy.
5	Lighter/Darker	Auto, -5 to +5 by 1	Allows you to adjust the brightness levels for scanning and printing. This is not applied (disabled) if Auto Exposure is set to ON.
6	Color Mode	Color, B&W	Allows you to select the colour mode of the output. If Color is selected, scanned image is printed in full colour (Image Type=24bit colour). If B&W is selected, scanned image is printed in 8-bit grayscale. No colour settings are applied.
7	Simplex/Duplex	1to1 Sided, 1to2 Sided, 2to1 Sided, 2to2 Sided	Allows you to specify the original document image layout and the desired printed document image layout. If you specify 2to1 Sided or 2to2 Sided, set your original documents on the ADF.
	Simplex/Duplex (Duplex Layout)	Top/Top, Top/Bottom	Allows you to define the orientation of the front and back sides of a duplex page (for scanning and printing).

NOTE

1. If you specify Auto for Original Size, the MFP automatically selects the paper size to match the original document. However, depending on the document conditions (for example, if the background density is high), document sizes may not be detected automatically. In this case, specify the document size manually.
2. If you specify Auto for Tray Selection, the MFP automatically selects the tray (from Trays 1 to 5) that can supply the most appropriate paper. To print on paper from the MPTray, specify MPTray for Tray Selection. If your copy is produced on paper you did not expect to be used, specify the appropriate tray manually and retry.
3. In Copy Mode, there are limitations on the combination of Media Type, Media Weight and Paper Size. For information on paper size combinations, refer to [“Appendix D – Media support information” on page 146](#).

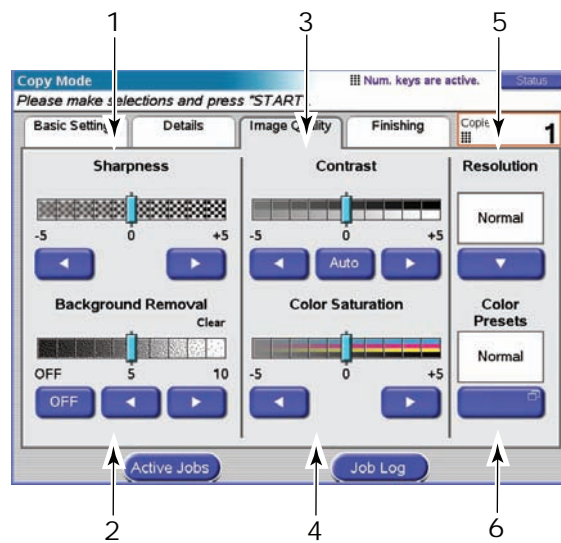
DETAILS TAB



NO.	FEATURE	OPTIONS	DESCRIPTION
1	Original Type	Mixed, Text, Photo	Allows you to specify the type of images on the document. This allows automatic (pre-set) optimization of image quality settings.
2	Mirror	OFF / ON	Allows you to produce a mirror image copy of the original document.
3	N-up	OFF, 2-Up, 4-Up, 8-Up	Allows you to print multiple pages of the document to a single sheet of paper. Layout orientation and image order is fixed. If you specify 8-Up, you can only make a copy on a document the same size as the original document. If you specify 2-Up, 4-Up or 8-Up, set your original documents on the ADF.
4	Book Copy	1 to 1 Side, Book to 1 side, Book to 2 sides	Allows you to select how book copies are printed. If you specify Book to 1 side or Book to 2 sides, set your original document on the glass.
	Book Copy (Duplex Layout)	Top/Top, Top/Bottom	Allows you to select how book copies are printed on both sides of the output page.
5	Edge/Center Erase	Edge OFF / Top / Bottom / Left / Right Metric: 0-50mm in 1mm increments Inch: 0" – 2.0" in 0.1" increments	Allows you to block out the peripheral areas of the document where spurious shadows and borders may arise when copying with the document cover open (such as with books and magazines) or for other purposes.
		Center Metric: 0-50mm in 1mm increments Inch: 0" – 2.0" in 0.1" increments	Allows you to block out a centred rectangular area of the document where spurious shadows and borders may arise when copying bound originals (books, magazines) with the centre spread layout.

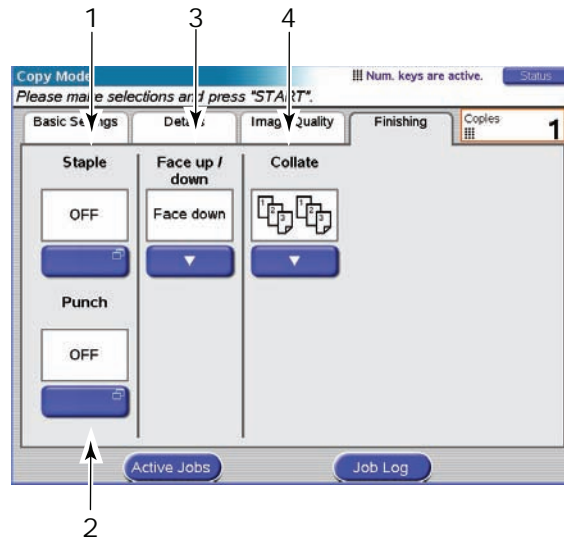
NO.	FEATURE	OPTIONS	DESCRIPTION
6	Margin Shift	OFF / Top / Bottom / Left / Right	Allows you to shift the document image up / down / left / right and sets the margin areas. Only one of Top / Bottom / Left / Right can be set. For 2-sided output, the front side and back side margin shifts may be separately set. Please take care to set margin shifts correctly.
7	Job Build	OFF / ON	Allows you to construct a single copy job or scan job from multiple individual sheets or originals.
8	Booklet	OFF, Left Binding, Right Binding Tray Selection: Tray1, Tray2, Tray3, Tray4, MPTray Sides: Single, Top/ Top, Top/Bottom Staple: OFF, Saddle Stitch	Allows you to copy individual sheets into booklet form using paper from the selected tray. The graphical examples on the screen display the booklet format resulting from your selected options.

IMAGE QUALITY TAB



NO.	FEATURE	OPTIONS	DESCRIPTION
1	Sharpness	-5 to +5 by 1	Allows you to enhance the image's outline, letters, lines when printing.
2	Background Removal	OFF, 1 to 10 by 1	Allows you to block out the colour background of the image (assuming document has a colour background) - such that the background colour is not printed.
3	Contrast	Auto, -5 to +5 by 1	Allows you to adjust the contrast levels for scanning and printing. This is not applied (disabled) if Auto is set to ON.
4	Color Saturation	-5 to +5 by 1	Allows you to adjust the overall colour saturation (neutrally across all colours) of the image. Color Saturation is not available where Color Mode is set to B&W or Color Presets is set to Vivid.
5	Resolution	Normal, High Quality	Allows you to select an appropriate balance between speed (normal) and quality (high quality).
6	Color Presets	Normal, Vivid, Warm, Cool	Allows you to select pre-defined colour mode settings (affects the overall colour tone). Vivid - increased overall colour saturation. Warm - increased overall reddish hue saturation. Cool - increased overall bluish hue saturation.

FINISHING TAB



NO.	FEATURE	OPTIONS	DESCRIPTION
1	Staple	OFF / Left Position / Right Position	Allows you to select the staple options (and sub-options) that will be applied to the document.
2	Punch	OFF / Left Position / Right Position	Allows you to select the punching options (and sub-options) that will be applied to the document.
3	Face up/down	Face up, Face down	Allows you to select the output placement and stacking order.
4	Collate	Collate, Group	Collate prints 1 entire copy/set of the multiple copy document at a time (e.g. pages 1,2,3,1,2,3,1,2,3,...) Group batch prints the multiple copy document page by page (e.g. pages 1,1,1,2,2,2,3,3,3,...)

SCANNING – E-MAIL SEND MODE

Using the **SCAN TO E-MAIL** button, you can have an original document scanned and the data sent by e-mail as an attachment.

E-MAIL SEND MODE

The main steps in summary are:

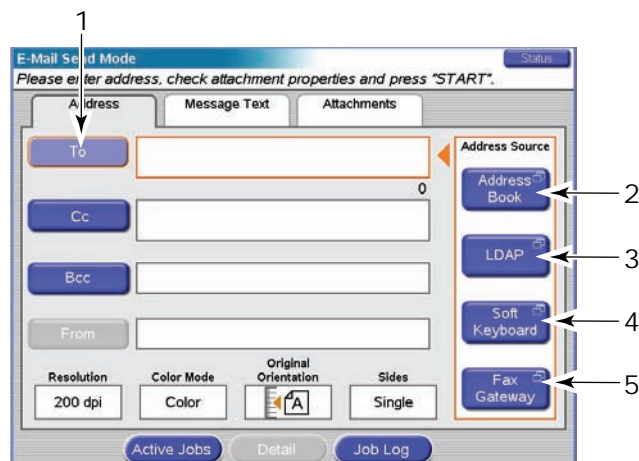
- (a) Press the **SCAN TO E-MAIL** button.
- (b) On the Address tab, enter address and sender details.
- (c) On the Message Text tab, enter your subject and e-mail message.
- (d) On the Attachments tab, define your attachment properties, using the Advanced Settings features as required.
- (e) Set your document on the scanner unit and press **START**.

These steps are expanded below.

NOTE

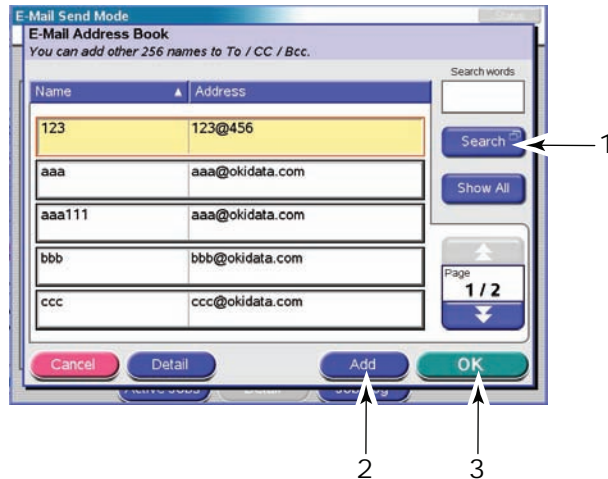
At any time, you can press the **Active Jobs**, **Job Log** buttons to check the status of your work.

1. Press the **SCAN TO E-MAIL** button to display the E-mail Send Mode screen at the Address tab



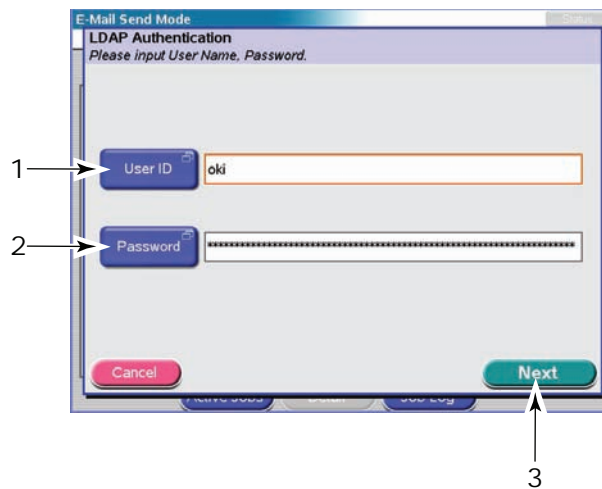
2. Press the **To** button (1) and enter an e-mail address via one of the following buttons:
 - > **Address Book** (2)
 - > **LDAP** (3)
 - > **Soft Keyboard** (4)
 - > **Fax Gateway** (5)

Address Book

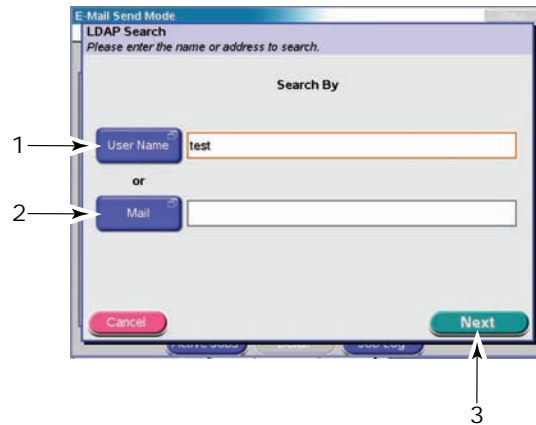


- If required you can search the address book; press the **Search** button (1) and enter your search criteria via the soft keyboard then press **OK**.
- Touch on an e-mail address to select it.
- Press the **Add** button (2) to add this address to the list.
- Repeat (a) through (c) as required to create the address list.
- Press the **OK** button (3) to place the list of addresses in the **To** destination field.

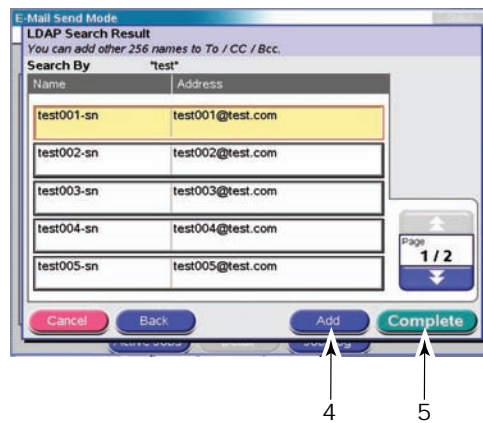
LDAP



- Press the **User ID** button (1) and enter your user ID via the Soft Keyboard then press the **OK** button.
- Press the **Password** button (2) and enter your password via the Soft Keyboard then press the **OK** button.
- Press the **Next** button (3).



- (d) Press either the **User Name** (1) or **Mail** button (2) to enter your search value via the Soft Keyboard, then press the **OK** button.
- (e) Press the **Next** button (3).



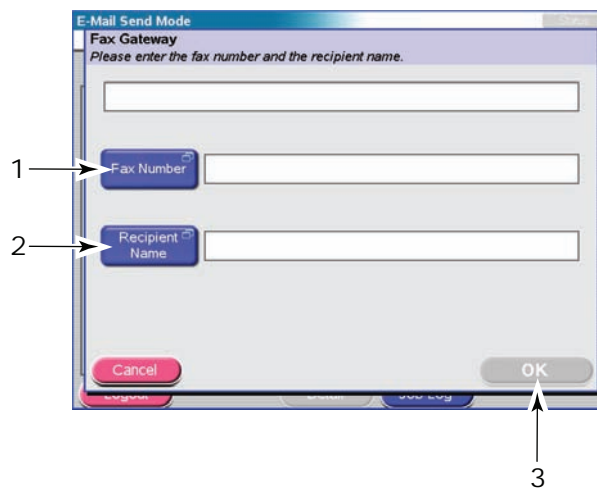
- (f) Select an address from the list displayed and press the **Add** button (4) to add this address to your destination list.
- (g) Repeat (f) as required to create a destination list.
- (h) Press the **Complete** button (5) to place the list of addresses in the **To** destination field.

Soft Keyboard



- (a) Enter an address via the Soft Keyboard.
- (b) Press the **Add** button (1) to add this address to the list.
- (c) Repeat (a) and (b) as required to create the address list.
- (d) Press the **OK** button (2) to place the list of addresses in the **To** destination field.

Fax Gateway

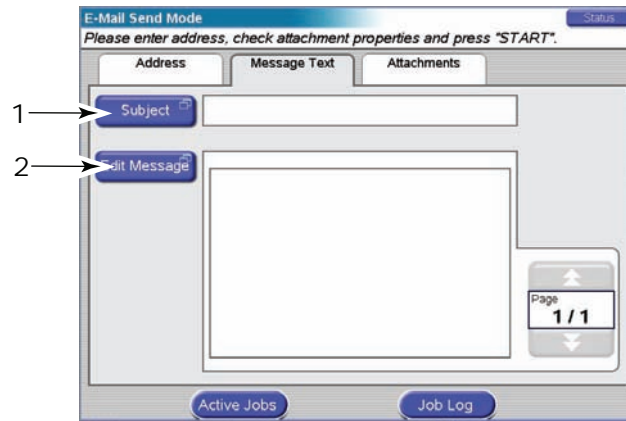


- (a) Press the **Fax Number** button (1), enter a fax number via the numerical keypad, then press the **OK** button.
 - (b) Press the **Recipient Name** button (2), enter a recipient name via the Soft Keyboard, then press the **OK** button.
 - (c) Press the **OK** button (3).
3. Repeat Step 2 as required with the cc and Bcc buttons on the Address tab.
 4. Press the **From** button and use either the Address Book or Soft Keyboard buttons to enter your sender information then press the **OK** button.

NOTE

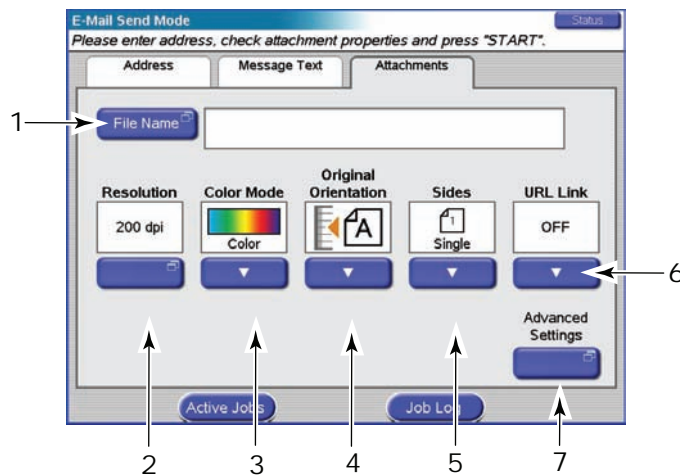
If you have logged in using an access control PIN or an LDAP user ID, your sender details will be added automatically.

5. Touch the Message Text tab.



- (a) Press the **Subject** button (1) and enter your subject matter description via the Soft Keyboard then press the **OK** button.
- (b) Press the **Edit Message** (2) button and enter your e-mail message via the Soft Keyboard then press the **OK** button.

6. Touch the Attachments tab.



- (a) Press the **File Name** button (1) and enter a name for your scanned file via the Soft Keyboard then press the **OK** button.
- (b) Use the following features as required:

Resolution (2); choose from 150, 200, 300, 400, 600dpi

Color Mode (3); choose from Color, Grayscale, B&W

Original Orientation (4); select either Portrait or Landscape

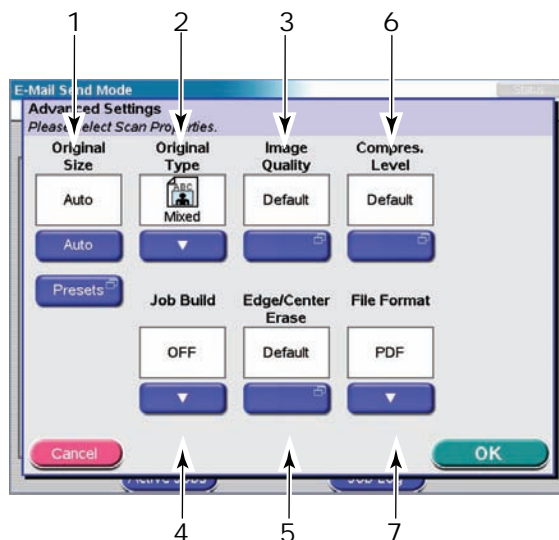
Sides (5); choose from Single, Top/Top, Top/Bottom

Allows you to define simplex or duplex and the duplex orientation of front and back sides of a page for scanning.

URL Link (6); select either On or Off

Select **Off** to send the scanned image as an attachment. Select **On** to send the scanned image as a URL.

- (c) To access advanced settings, press the **Advanced Settings** button (7):
- (d) Select from the following features as required then press **OK**:



NO.	FEATURE	OPTIONS	DESCRIPTION
1	Original Size	Auto, 5.5x8.5, 5.5x8.5R, 8.5x11, 8.5x11R, 8.5x13, 8.5x14, 11x17, A5, A5R, A4, A4R, A3, B5, B5R, B4	Allows you to select the scanned document size.
2	Original Type	Mixed, Text, Photo	Allows you to specify the type of images on the document. This allows automatic (pre-set) optimization of image quality settings.
3	Job Build	OFF / ON	Allows you to construct a single copy job or scan job from multiple individual sheets or originals.
4	Image Quality	Default Lighter / Darker -5 to +5 by 1 Contrast -5 to +5 by 1 Background Removal OFF, 1 to 10 by 1	Allows you to select brightness level and contrast level. Allows you to block out the colour background of the image (assuming document has a colour background) - such that the background colour is not displayed.
5	Edge/Center Erase	Default OFF / Edge Metric: 0-50mm in 1mm increments Inch: 0" – 2.0" in 0.1" increments Center Metric: 0-50mm in 1mm increments Inch: 0" – 2.0" in 0.1" increments	Allows you to block out the peripheral areas of the document where spurious shadows and borders may arise when scanning with the document cover open (such as with books and magazines) or for other purposes. Allows you to block out a centred rectangular area of the document where spurious shadows and borders may arise when scanning bound originals (books, magazines) with the centre spread layout.
6	Compression Level	Default OFF, 1 to 10 by 1	Allows you to select compression level.
7	File Format	PDF, TIFF, JPEG	Allows you to select file format.

NOTE

If you specify Auto for Original Size, the MFP automatically selects the paper size to match the original document. However, depending on the document conditions (for example, if the background density is high), document sizes may not be detected automatically. In this case, specify the document size manually.

7. Place the document to be scanned on the scanner unit glass or ADF.
8. Press the **START** button.

CONFIRMING E-MAIL TRANSMISSION

You can check the transmission status of e-mails from:

- > Job Log screen: Press the **Job Log** button to display this screen.
- > E-mail Log Report: To print this report, press the **SETUP** button on the scanner unit control panel then press the **Report** button followed by the **Print** button associated with E-mail Log.

SCANNING – GENERAL

Your MFP can carry out the following scanning functions via the **SCAN** button:

- > **FTP Server:** An original document is scanned and the data is sent to an FTP server.
- > **SMB** (Server Message Block): An original document is scanned and the data is sent to a client PC.
- > **Mailbox:** An original document is scanned and the data is saved in a mailbox.
- > **Hold Queue:** An original document is scanned and the data is saved in the hold queue.
- > **Remote Tool:** Under remote control, an original document is scanned and the data is sent to a host PC.
- > **SendMe** (Interactive Scan): An original document is scanned then the scanned image is edited if required before being sent by email as an attachment. Refer to the SendMe User's Guide for details.

NOTE

Additional features involving, for example the Fiery Remote Scan Tool or Web Scan Tool for accessing files in the mailbox are described in the Fiery documentation.

The TIFF file format supported is compliant with the TIFF v6 specification with additional qualifiers for supporting JPEG compressed images within the TIFF file. Single and multiple page files are supported. The following TIFF viewers are recommended: ACD Systems ACDSee, Adobe Photoshop.

SCAN TO FTP SERVER

The main steps in summary are:

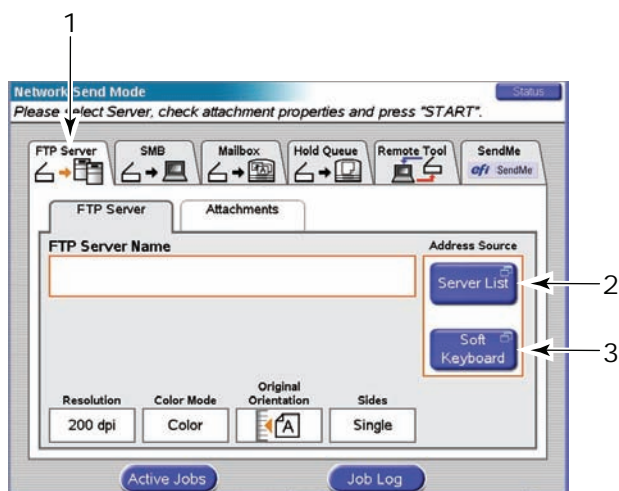
- (a) Press the **SCAN** button.
- (b) Touch the FTP Server tab (set by default).
- (c) On the FTP Server tab, enter the FTP Server name.
- (d) On the Attachments tab, define your attachment properties, using the Advanced Settings features as required.
- (e) Set your document on the scanner unit.
- (f) Press the **START** button on the scanner unit control panel.

These steps are expanded below.

NOTE

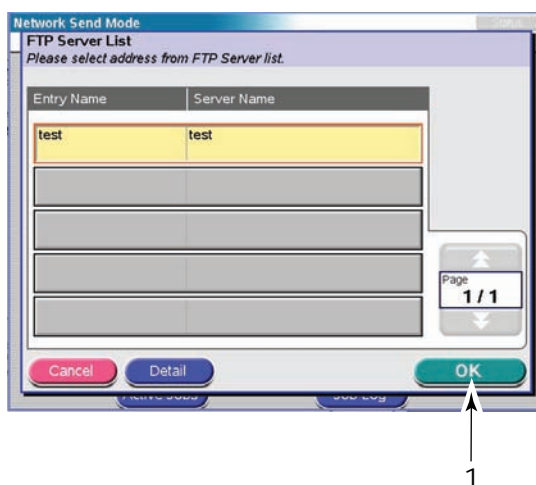
*At any time, you can press the **Active Jobs**, **Job Log** buttons to check the status of your work.*

1. Press the **SCAN** button to display the Network Send Mode screen.



2. On the FTP Server tab (1) (set by default) enter an FTP server name via one of the following buttons:
 - > **Server List** (2)
 - > **Soft keyboard** (3)

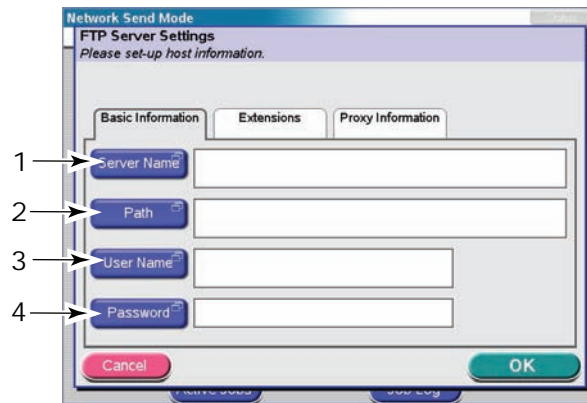
Server List



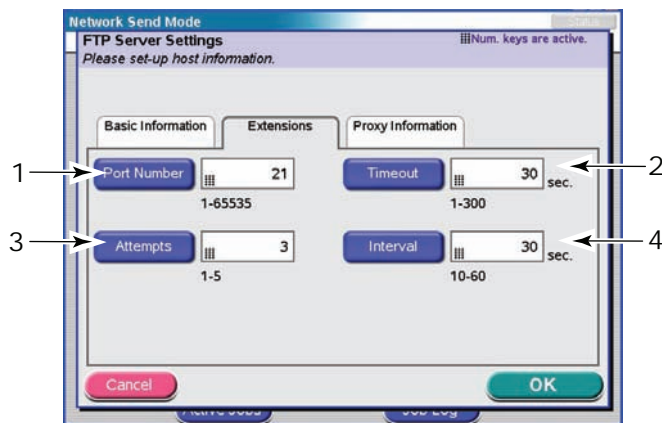
- (a) Touch on an FTP server name to select it.
- (b) Press the **OK** button (1) to place the name in the FTP Server Name box on the FTP Server tab.

Soft Keyboard

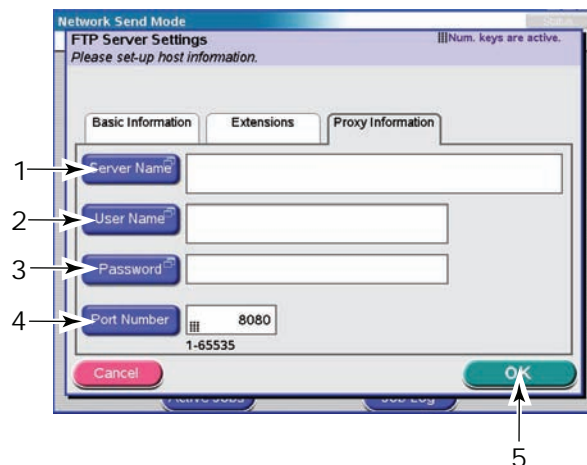
Use the Soft Keyboard and respective buttons to enter the following host information:



- (a) Basic Information tab: **Server name** (1), **Path** (2), **User Name** (3), **Password** (4).

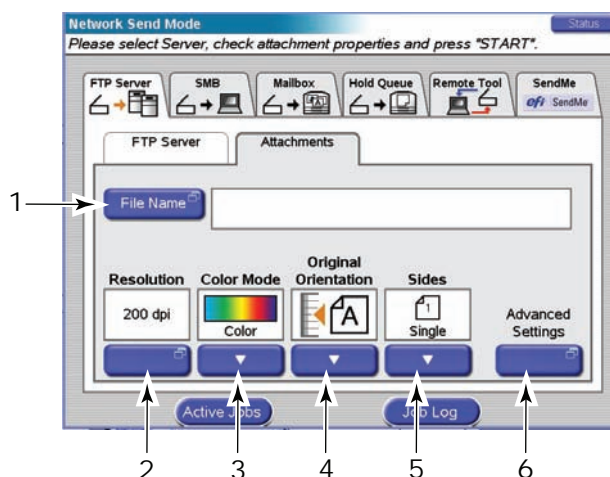


- (b) Extensions tab: **Port Number** (1), **Timeout** (2), **Attempts** (3), **Interval** (4).

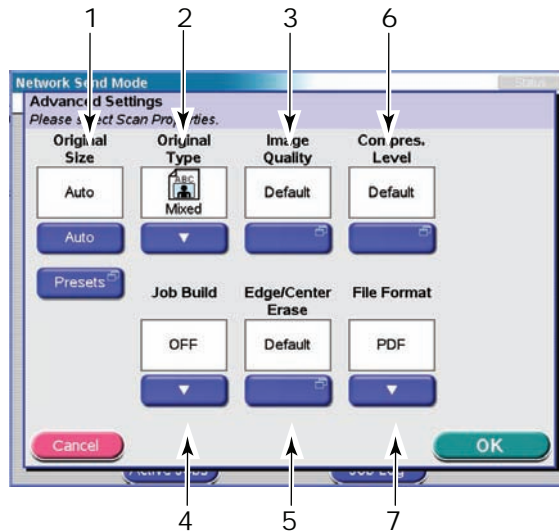


- (c) Proxy Information tab: **Server Name** (1), **User Name** (2), **Password** (3), **Port Number** (4).
- (d) Press the **OK** button (5) to enter the data and place the name in the FTP Server Name box on the FTP Server tab.

3. Touch the Attachments tab.



- (a) Press the **File Name** button (1) and enter a name for your scanned file via the Soft Keyboard then press the **OK** button.
- (b) Use the following features as required:
- Resolution** (2); choose from 150, 200, 300, 400, 600dpi
 - Color Mode** (3); choose from Color, Grayscale, B&W
 - Original Orientation** (4); select either Portrait or Landscape
 - Sides** (5); choose from Single, Top/Top, Top/Bottom
- Allows you to define simplex or duplex and the duplex orientation of front and back sides of a page for scanning.
- (c) To access advanced settings, press the **Advanced Settings** button (6):



Select from the following features as required then press the **OK** button:

NO.	FEATURE	OPTIONS	DESCRIPTION
1	Original Size	Auto, 5.5x8.5, 5.5x8.5R, 8.5x11, 8.5x11R, 8.5x13, 8.5x14, 11x17, A5, A5R, A4, A4R, A3, B5, B5R, B4	Allows you to select the scanned document size.
2	Original Type	Mixed, Text, Photo	Allows you to specify the type of images on the document. This allows automatic (pre-set) optimization of image quality settings.
3	Job Build	OFF / ON	Allows you to construct a single copy job or scan job from multiple individual sheets or originals.
4	Image Quality	Default Lighter / Darker -5 to +5 by 1 Contrast -5 to +5 by 1 Background Removal OFF, 1 to 10 by 1	Allows you to select brightness level and contrast level. Allows you to block out the colour background of the image (assuming document has a colour background) - such that the background colour is not displayed.
5	Edge/Center Erase	Default Edge Metric: 0-50mm in 1mm increments Inch: 0" – 2.0" in 0.1" increments Center Metric: 0-50mm in 1mm increments Inch: 0" – 2.0" in 0.1" increments	Allows you to block out the peripheral areas of the document where spurious shadows and borders may arise when scanning with the document cover open (such as with books and magazines) or for other purposes. Allows you to block out a centred rectangular area of the document where spurious shadows and borders may arise when scanning bound originals (books, magazines) with the centre spread layout.
6	Compression Level	Default OFF, 1 to 10 by 1	Allows you to select compression level.
7	File Format	PDF, TIFF, JPEG	Allows you to select file format.

NOTE

If you specify Auto for Original Size, the MFP automatically selects the paper size to match the original document. However, depending on the document conditions (for example, if the background density is high), document sizes may not be detected automatically. In this case, specify the document size manually.

4. Place the document to be scanned on the scanner unit glass or ADF.
5. Press the **START** button.

CONFIRMING FTP TRANSMISSION

You can check FTP transmission status from:

- > Job Log screen: Press the **Job Log** button to display this screen.
- > FTP Report: To print this report, press the **SETUP** button on the scanner unit control panel then press the **Report** button followed by the **Print** button associated with FTP Report.

SCAN TO SMB

The main steps in summary are:

- (a) Press the **SCAN** button.
- (b) Click the SMB tab.
- (c) On the SMB Server tab, enter the Network Path for the SMB server.
- (d) On the Attachments tab, define your attachment properties, using the Advanced Settings features as required.
- (e) Set your document on the scanner unit.
- (f) Press the **START** button on the scanner unit control panel.

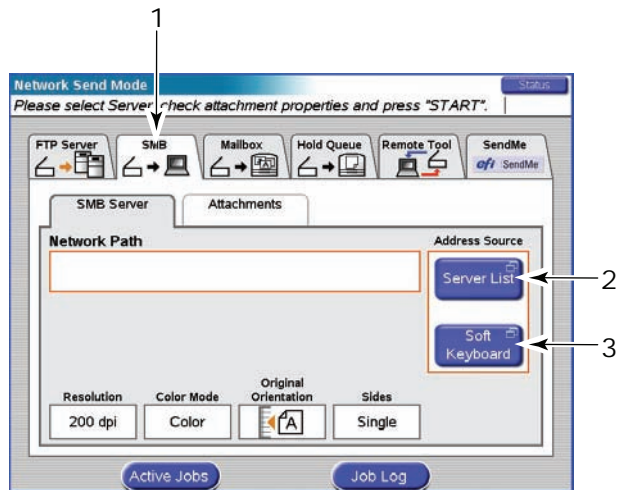
These steps are expanded below.

NOTE

*At any time, you can press the **Active Jobs**, **Job Log** buttons to check the status of your work.*

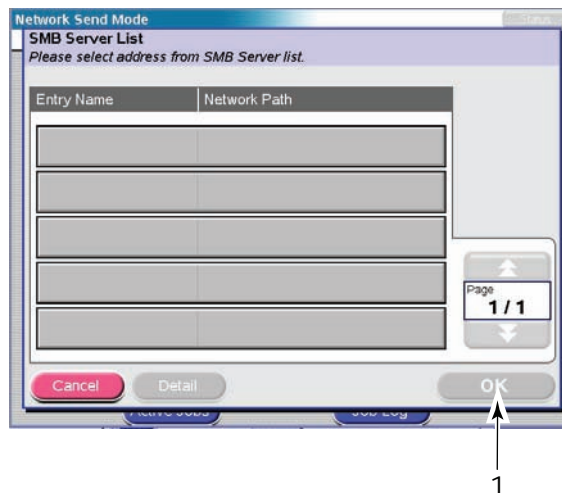
1. Press the **SCAN** button to display the Network Send Mode screen.

2. Press the SMB tab (1).



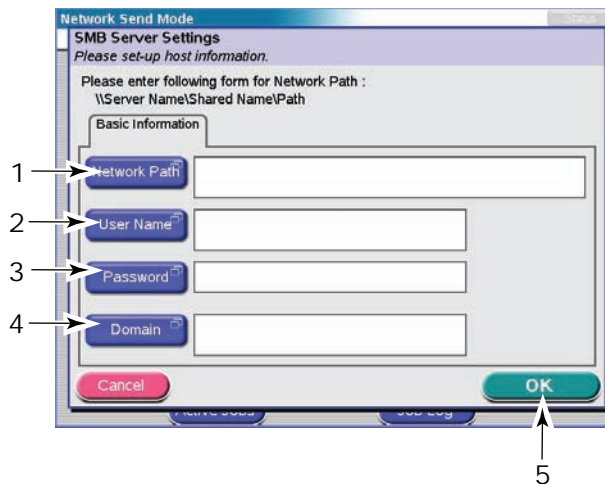
3. On the SMB Server tab, enter the Server Network Path via one of the following buttons:
 - > **Server List** (2)
 - > **Soft Keyboard** (3)

Server List



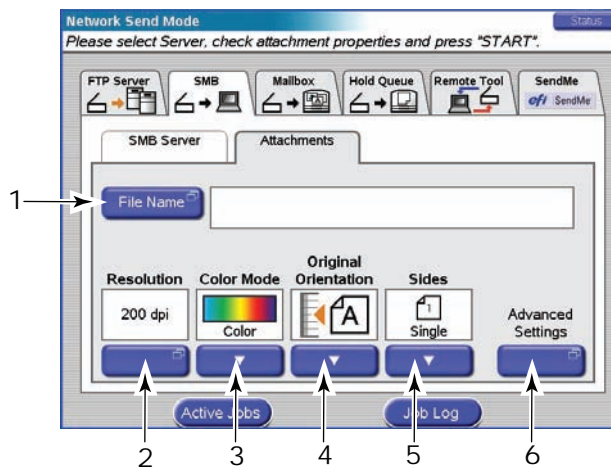
- (a) Touch on a server path name to select it.
- (b) Press the **OK** button (1) to place the path name in the Network Path box on the SMB Server tab.

Soft Keyboard



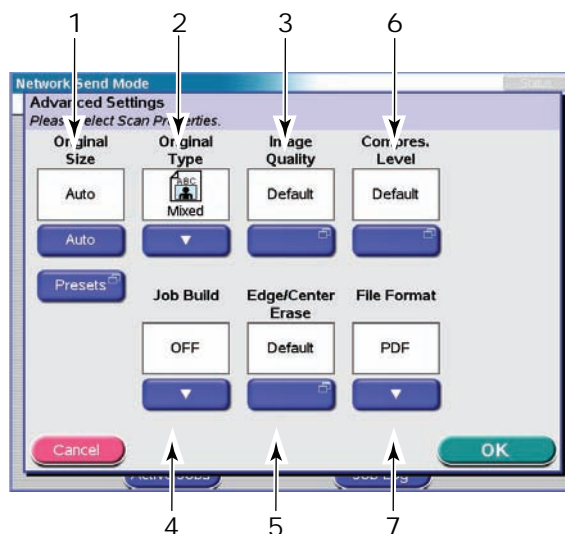
Use the Soft Keyboard and respective buttons to enter the following host information – **Network Path** (1), **User Name** (2), **Password** (3), **Domain** (4), then press the **OK** button (5).

4. Touch the Attachments tab.



- Press the **File Name** button (1) and enter a name for your scanned file via the Soft Keyboard then press the **OK** button.
- Use the following features as required:
 - Resolution** (2); choose from 150, 200, 300, 400, 600dpi
 - Color Mode** (3); choose from Color, Grayscale, B/W
 - Original Orientation** (4); select either Portrait or Landscape
 - Sides** (5); choose from Single, Top/Top, Top/BottomAllows you to define simplex or duplex and the duplex orientation of front and back sides of a page for scanning.
- To access advanced settings, press the **Advanced Settings** button (6):

Select from the following features as required and then press the **OK** button:



NO.	FEATURE	OPTIONS	DESCRIPTION
1	Original Size	Auto, 5.5x8.5, 5.5x8.5R, 8.5x11, 8.5x11R, 8.5x13, 8.5x14, 11x17, A5, A5R, A4, A4R, A3, B5, B5R, B4	Allows you to select the scanned document size.
2	Original Type	Mixed, Text, Photo	Allows you to specify the type of images on the document. This allows automatic (pre-set) optimization of image quality settings.
3	Job Build	OFF / ON	Allows you to construct a single copy job or scan job from multiple individual sheets or originals.
4	Image Quality	Default Lighter / Darker -5 to +5 by 1 Contrast -5 to +5 by 1 Background Removal OFF, 1 to 10 by 1	Allows you to select brightness level and contrast level. Allows you to block out the colour background of the image (assuming document has a colour background) - such that the background colour is not displayed.
5	Edge/Center Erase	Default Edge Metric: 0-50mm in 1mm increments Inch: 0" – 2.0" in 0.1" increments Center Metric: 0-50mm in 1mm increments Inch: 0" – 2.0" in 0.1" increments	Allows you to block out the peripheral areas of the document where spurious shadows and borders may arise when scanning with the document cover open (such as with books and magazines) or for other purposes. Allows you to block out a centred rectangular area of the document where spurious shadows and borders may arise when scanning bound originals (books, magazines) with the centre spread layout.
6	Compression Level	Default OFF, 1 to 10 by 1	Allows you to select compression level.
7	File Format	PDF, TIFF, JPEG	Allows you to select file format.

NOTE

If you specify Auto for Original Size, the MFP automatically selects the paper size to match the original document. However, depending on the document conditions (for example, if the background density is high), document sizes may not be detected automatically. In this case, specify the document size manually.

5. Place the document to be scanned on the scanner unit glass or ADF.
6. Press the **START** button.

SCAN TO MAILBOX AND HOLD QUEUE

In the context of this section, dealing with scan to **Mailbox** and **Hold Queue** functions, the following table summarises mailbox and hold queue properties.

PROPERTY	MAILBOX	HOLD QUEUE
Description	Simple file server in the printer unit hard disk drive.	A print queue in the printer unit hard disk drive.
Quantity	As required.	1
Name allocated	Yes	No
Password control	Yes	No
Direct operations	Create a new mailbox. Delete a mailbox. Edit a password. Save a file in a mailbox. Delete a file in a mailbox.	Save a file in the hold queue.
Remote operations (by a PC on the network)	Import a file to the PC. Delete a file.	Preview a file. Import a file to PC. Edit a file. Print a file. Delete a file. Rename a file.
Remote operation tools	Fiery Remote Scan MS Internet Explorer.	Fiery Command Work Station.

SCAN TO MAILBOX

The main steps in summary are:

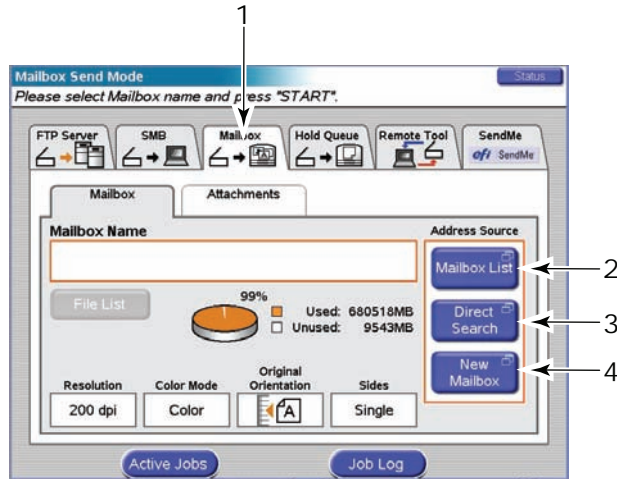
- (a) Press the **SCAN** button.
- (b) Press the Mailbox tab.
- (c) On the Mailbox tab, enter the Mailbox Name.
- (d) On the Attachments tab, define your attachment properties, using the **Advanced Settings** features as required.
- (e) Set your document on the scanner unit.
- (f) Press the **START** button on the scanner unit control panel.

These steps are expanded below.

NOTE

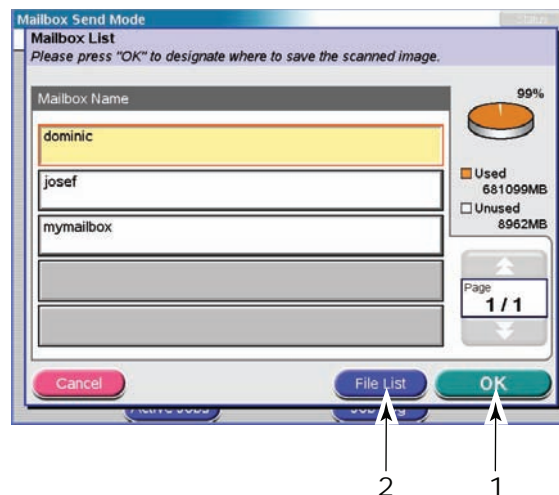
At any time, you can press the **Active Jobs**, **Job Log** buttons to check the status of your work.

1. Press the **SCAN** button to display the Network Send Mode screen.
2. Press the Mailbox tab (1).



3. On the Mailbox tab, enter the Mailbox Name via one of the following buttons:
 - > **Mailbox List** (2)
 - > **Direct Search** (3)
 - > **New Mailbox** (4)

Mailbox List



- (a) Press the **Mailbox List** button.
- (b) Touch a mailbox name to select it.
- (c) Press the **OK** button (1) to enter the name in the Mailbox Name box on the Mailbox tab.

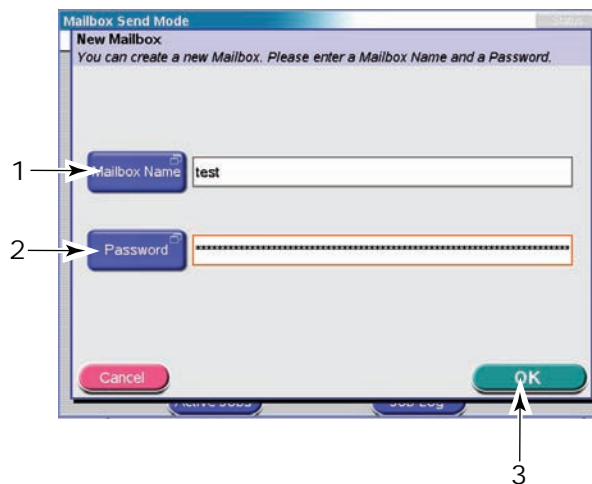
- (d) To see a list of the files in the selected mailbox, press the **File List** button (2).
- (e) Enter the password for the selected mailbox on the password authentication pop-up screen and press the **OK** button.

Direct Search



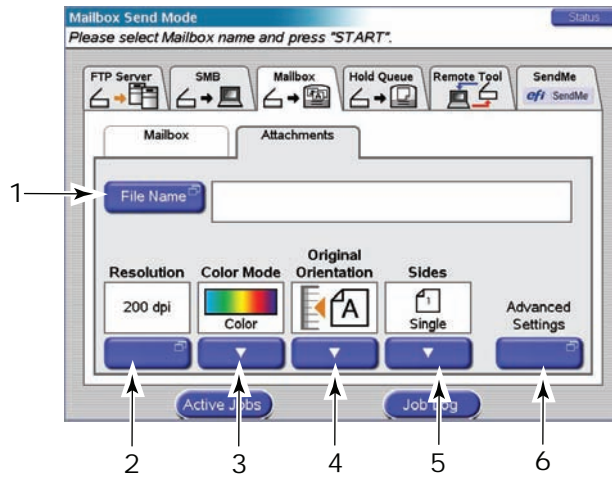
- (a) Press the **Direct Search** button.
- (b) Use the Soft Keyboard to enter a mailbox name then press the **OK** button (1).
- (c) Use the Soft Keyboard to enter the associated mailbox password then press the **OK** button (1).

New Mailbox



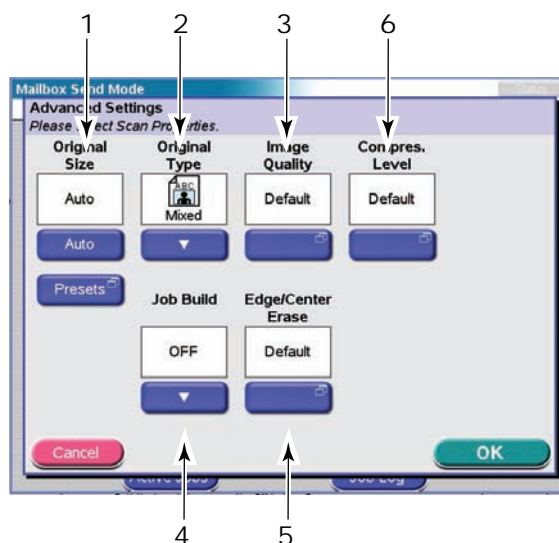
- (a) Press the **New Mailbox** button.
 - (b) Press the **Mailbox Name** button (1), enter a name for the new mailbox via the Soft Keyboard then press the **OK** button.
 - (c) Press the **Password** button (2), enter a password for the new mailbox via the Soft Keyboard then press the **OK** button.
 - (d) Press the **OK** button (3).
4. If you wish to check the list of files already stored in your selected mailbox, press the **File List** button, view the list then press the **OK** button.

5. Touch the Attachments tab.



- (a) Press the **File Name** button (1) and enter a name for your scanned file via the Soft Keyboard then press the **OK** button.
- (b) Use the following features as required:
- Resolution** (2); choose from 150, 200, 300, 400, 600dpi
 - Color Mode** (3); choose from Color, Grayscale, B/W
 - Original Orientation** (4); select either Portrait or Landscape
 - Sides** (5); choose from Single, Top/Top, Top/Bottom
- Allows you to define simplex or duplex and the duplex orientation of front and back sides of a page for scanning.
- (c) To access advanced settings, press the **Advanced Settings** button (6):

Select from the following features as required and then press the **OK** button:



NO.	FEATURE	OPTIONS	DESCRIPTION
1	Original Size	Auto, 5.5x8.5, 5.5x8.5R, 8.5x11, 8.5x11R, 8.5x13, 8.5x14, 11x17, A5, A5R, A4, A4R, A3, B5, B5R, B4	Allows you to select the scanned document size.
2	Original Type	Mixed, Text, Photo	Allows you to specify the type of images on the document. This allows automatic (pre-set) optimization of image quality settings.
3	Job Build	OFF / ON	Allows you to construct a single copy job or scan job from multiple individual sheets or originals.
4	Image Quality	Default Lighter / Darker -5 to +5 by 1 Contrast -5 to +5 by 1 Background Removal OFF, 1 to 10 by 1	Allows you to select brightness level and contrast level. Allows you to block out the colour background of the image (assuming document has a colour background) - such that the background colour is not displayed.
5	Edge/Center Erase	Default Edge Metric: 0-50mm in 1mm increments Inch: 0" – 2.0" in 0.1" increments Center Metric: 0-50mm in 1mm increments Inch: 0" – 2.0" in 0.1" increments	Allows you to block out the peripheral areas of the document where spurious shadows and borders may arise when scanning with the document cover open (such as with books and magazines) or for other purposes. Allows you to block out a centred rectangular area of the document where spurious shadows and borders may arise when scanning bound originals (books, magazines) with the centre spread layout.
6	Compression Level	Default OFF, 1 to 10 by 1	Allows you to select compression level.

NOTE

If you specify Auto for Original Size, the MFP automatically selects the paper size to match the original document. However, depending on the document conditions (for example, if the background density is high), document sizes may not be detected automatically. In this case, specify the document size manually.

6. Place the document to be scanned on the scanner unit glass or ADF.
7. Press the **START** button.

SCAN TO HOLD QUEUE

The main steps in summary are:

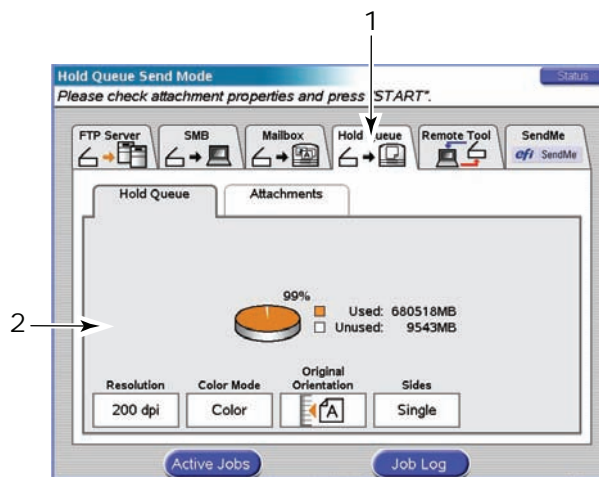
- (a) Press the **SCAN** button.
- (b) Press the Hold Queue tab.
- (c) On the Attachments tab, define your attachment properties, using the **Advanced Settings** features as required.
- (d) Set your document on the scanner unit.
- (e) Press the **START** button on the scanner unit control panel.

These steps are expanded below.

NOTE

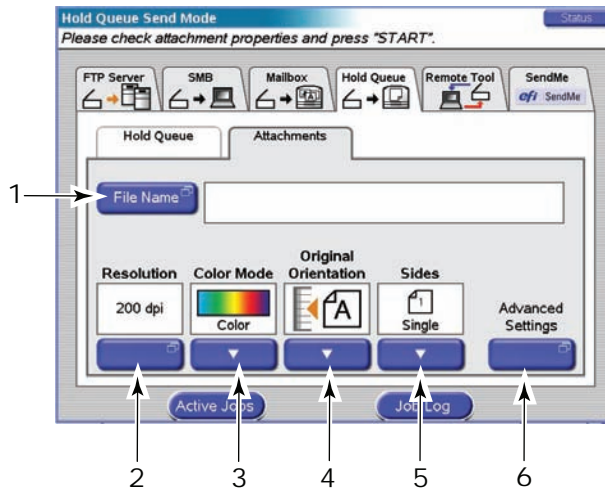
At any time, you can press the **Active Jobs**, **Job Log** buttons to check the status of your work.

1. Press the **SCAN** button to display the Network Send Mode screen.
2. Press the Hold Queue tab (1).

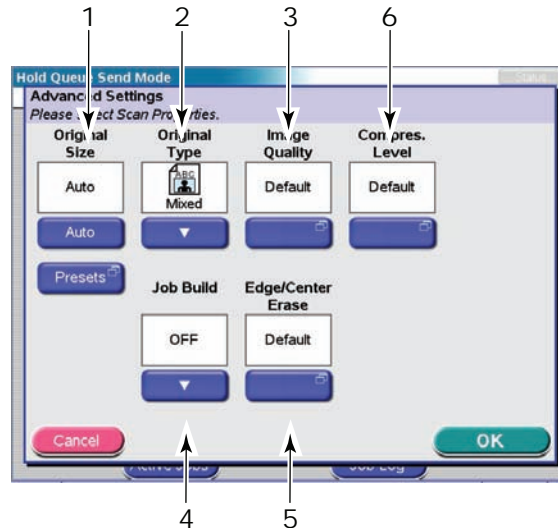


3. On the Hold Queue tab (2), check the displayed settings for your scanned file.

4. Touch the Attachments tab.



- (a) Press the **File Name** button (1) and enter a name for your scanned file via the Soft Keyboard then press the **OK** button.
- (b) Use the following features as required:
 - Resolution** (2); choose from 150, 200, 300, 400, 600dpi
 - Color Mode** (3); choose from Color, Grayscale, B/W
 - Original Orientation** (4); select either Portrait or Landscape
 - Sides** (5); choose from Single, Top/Top, Top/Bottom
 Allows you to define simplex or duplex and the duplex orientation of front and back sides of a page for scanning.
- (c) To access advanced settings, press the **Advanced Settings** button (6):



Select from the following features as required and then press the **OK** button:

NO.	FEATURE	OPTIONS	DESCRIPTION
1	Original Size	Auto, 5.5x8.5, 5.5x8.5R, 8.5x11, 8.5x11R, 8.5x13, 8.5x14, 11x17, A5, A5R, A4, A4R, A3, B5, B5R, B4	Allows you to select the scanned document size.
2	Original Type	Mixed, Text, Photo	Allows you to specify the type of images on the document. This allows automatic (pre-set) optimization of image quality settings.
3	Job Build	OFF / ON	Allows you to construct a single copy job or scan job from multiple individual sheets or originals.
4	Image Quality	Default Lighter / Darker -5 to +5 by 1 Contrast -5 to +5 by 1 Background Removal OFF, 1 to 10 by 1	Allows you to select brightness level and contrast level. Allows you to block out the colour background of the image (assuming document has a colour background) - such that the background colour is not displayed.
		Edge/Center Erase	Default Edge Metric: 0-50mm in 1mm increments Inch: 0" – 2.0" in 0.1" increments
		Center Metric: 0-50mm in 1mm increments Inch: 0" – 2.0" in 0.1" increments	Allows you to block out a centred rectangular area of the document where spurious shadows and borders may arise when scanning bound originals (books, magazines) with the centre spread layout.
6	Compression Level	Default OFF, 1 to 10 by 1	Allows you to select compression level.

NOTE

If you specify Auto for Original Size, the MFP automatically selects the paper size to match the original document. However, depending on the document conditions (for example, if the background density is high), document sizes may not be detected automatically. In this case, specify the document size manually.

-
5. Place the document to be scanned on the scanner unit glass or ADF.
 6. Press the **START** button.

REMOTE TOOL SCAN

The main steps in summary are:

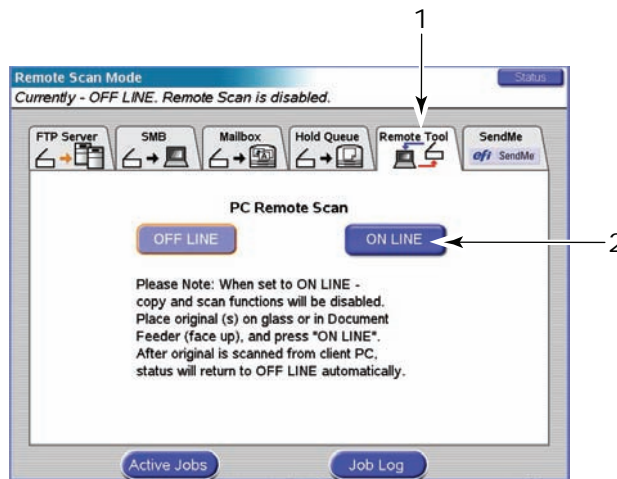
- (a) Press the **SCAN** button.
- (b) Press the Remote Tool tab.
- (c) Set your document on the scanner unit.
- (d) Press the **ON LINE** button.
- (e) After the document has been scanned under control of the remote PC, the status returns to off-line automatically.

These steps are expanded below.

NOTE

At any time, you can press the **Active Jobs**, **Job Log** buttons to check the status of your work.

1. Press the **SCAN** button to display the Network Send Mode screen.
2. Press the Remote Tool tab (1) to enter Remote Scan mode in the off-line status.



3. Set your document on the scanner unit.
4. Press the **ON LINE** button (2).

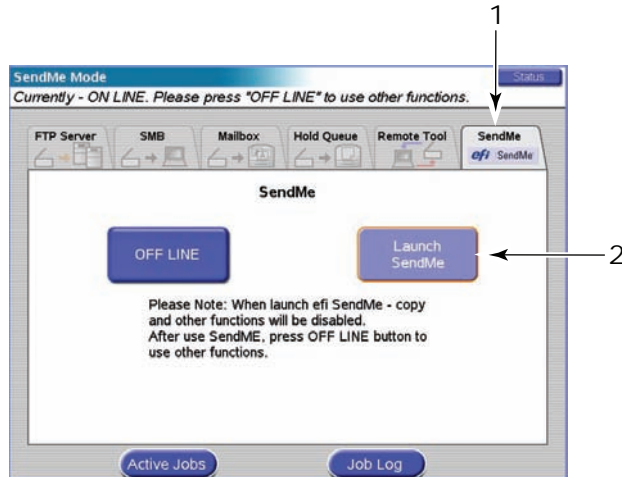
NOTE

1. When the document has been scanned from the client PC the status will return to **OFF LINE** automatically after a time-out.
 2. During on-line status, copying and scanning functions from the scanner unit control panel are disabled.
-

INTERACTIVE SCANNING USING SENDME

The main steps in summary are:

- (a) Press the **SCAN** button.
- (b) Press the SendMe tab (1).



- (c) Press the **Launch SendMe** button (2) and login to SendMe.
- (d) Set your document on the scanner unit.
- (e) Press the **SCAN** button.
- (f) Use the interactive SendMe scanning facilities.
- (g) After the document has been scanned under control of SendMe, logout and set the status to **OFF LINE**.

Refer to the SendMe User's Guide for full details.

FAXING

The scanning to fax function is carried out via the **FAX** button.

FAX SEND MODE - WALK UP FAXING

The main steps in summary are:

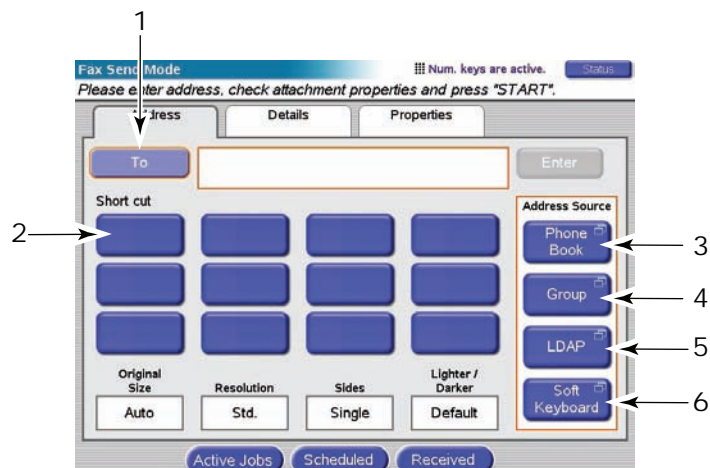
- (a) Press the **FAX** button.
- (b) Click the Address tab (set by default) and enter the **To** (destination) address.
- (c) On the Details tab, enter the From (sender) information and cover page details.
- (d) On the Properties tab, define your attachment properties.
- (e) Set your document on the scanner unit and press **START**.

These steps are expanded below.

NOTE

*At any time, you can press the **Active Jobs**, **Scheduled**, **Received** buttons to check the status of your fax traffic.*

1. Press the **FAX** button to display the Fax Send Mode screen.
2. On the Address tab (set by default) enter the **To** (destination) (1) information via one of the following buttons:

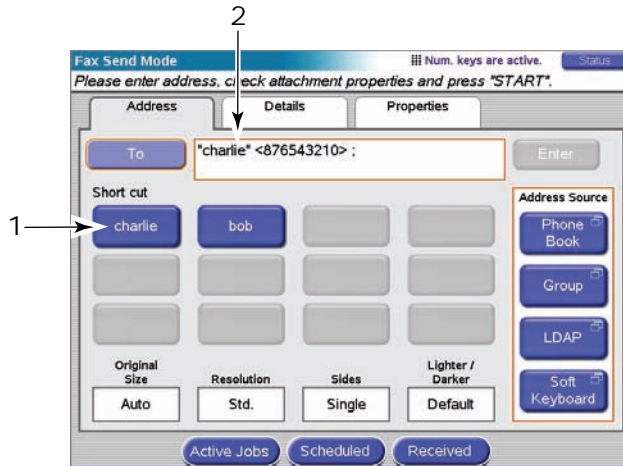


- > Short cut (2)
- > Phone Book (3)
- > Group (4)
- > LDAP (5)
- > Soft Keyboard (6)

NOTE

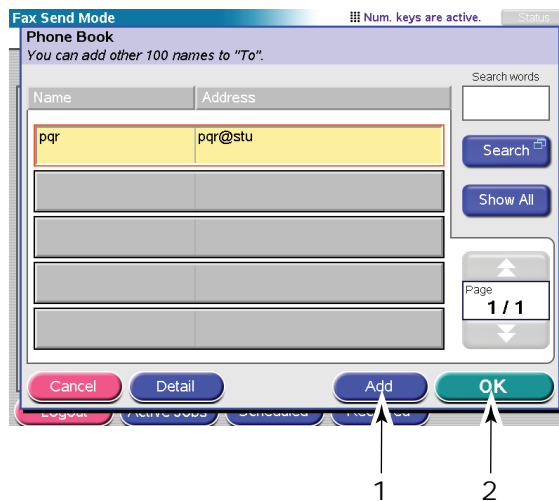
You can produce a list of destination addresses by a combination of the methods listed above.

Short cut



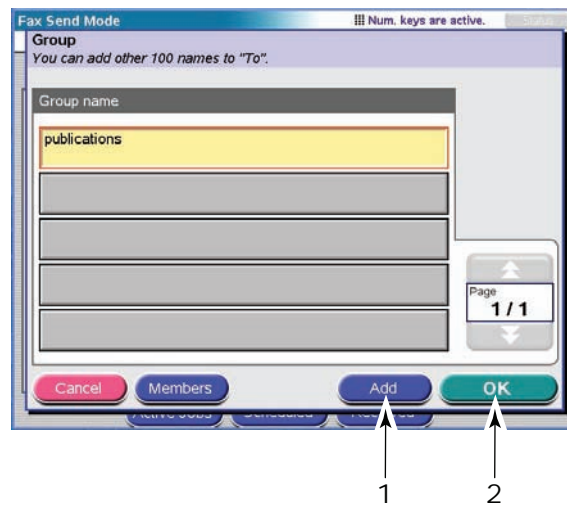
Press a selected **Short cut** button (1) to add that number to the **To** destination field (2).

Phone Book



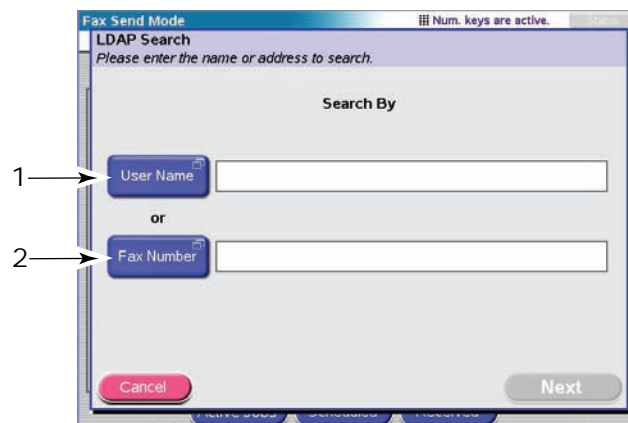
- Touch on a number to select it.
- Press the **Add** button (1) to add this number to the list.
- Repeat (a) and (b) as required to create the number list.
- Press the **OK** button (2) to place the list of numbers in the **To** destination field.

Group



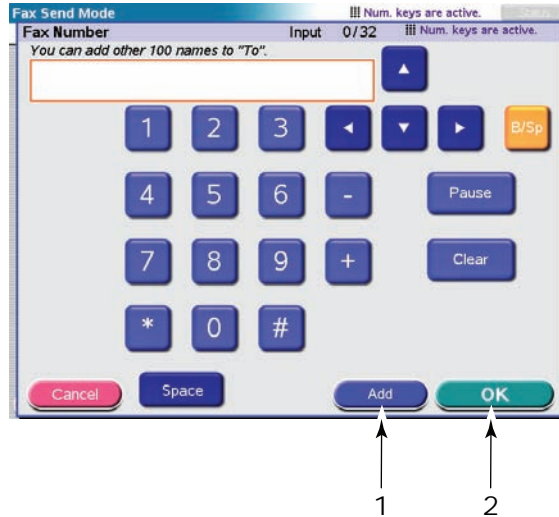
- Touch on a group name to select it.
- Press the **Add** button (1) to add this group name to the list.
- Repeat (a) and (b) as required to create the list.
- Press the **OK** button (2) to place the list in the **To** destination field.

LDAP

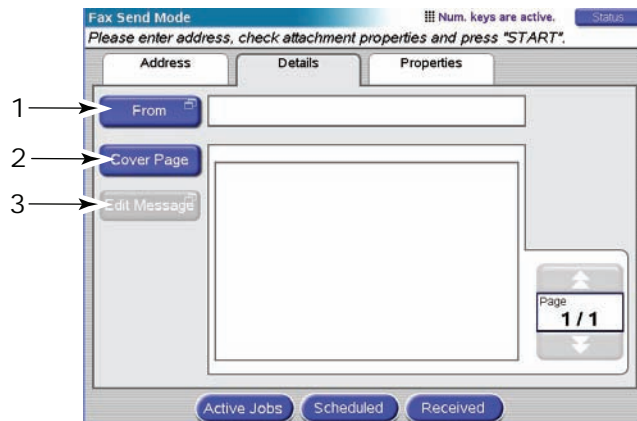


- Select to search by **User Name** (1) or **Fax Number** (2) as appropriate.
- Enter the name or number using the soft keyboard as press **OK** to search.
- Select the required entry from the search results.

Soft Keyboard

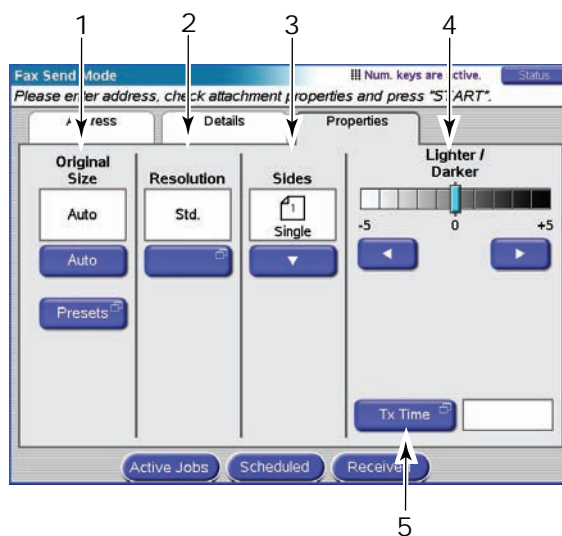


- (a) Enter a fax number then press the **Add** button (1) to add the number to the list.
 - (b) Repeat (a) as required to create the fax number list.
 - (c) Press the **OK** button (2) to place the list of numbers in the **To** destination field.
3. Touch the Details tab.



- (a) Press the **From** button (1) and enter sender information in the From field via the Soft Keyboard.
- (b) Press the **OK** button.
- (c) Press the **Cover Page** button (2) then the **Edit Message** button (3) and enter cover page information in the Cover Page field via the Soft Keyboard.
- (d) Press the **OK** button.

4. Touch the Properties tab.



Select from the following features as required:

NO.	FEATURE	OPTIONS	DESCRIPTION
1	Original Size	Auto, 8.5x11, 8.5x11R, 8.5x13, 8.5x14, A4, A4R	Allows you to select the scanned document size.
2	Resolution	Standard, Fine, Photo	Allows you to specify the scanning resolution for the document. This allows automatic (pre-set) optimization of image quality settings.
3	Sides	Single, Top / Top, Top / Bottom	Allows you to define simplex or duplex and the duplex orientation of front and back sides of a page for scanning.
4	Lighter/Darker	Lighter / Darker -5 to +5 by 1	Allows you to select the brightness level.
5	Tx Time	Enter transmit time	Allows you to enter (via the Soft keyboard) a delayed fax transmit time.

NOTE

If you specify Auto for Original Size, the MFP automatically selects the paper size to match the original document. However, depending on the document conditions (for example, if the background density is high), document sizes may not be detected automatically. In this case, specify the document size manually.

5. Place the document to be scanned on the scanner unit glass or ADF.
6. Press the **START** button.

CONFIRMING FAX TRANSMISSION

You can check fax transmission status from:

FAX Log: To print this report, press the **SETUP** button on the scanner unit control panel then press the **Report** button followed by the **Print** button associated with the FAX Log Report.

FAX RECEIVING

Your MFP is set to receive faxes automatically, if you wish to change this to receive into memory refer to [“Auto Answer Mode” on page 154](#).

NOTE

If the MFP is actively sending or receiving a fax, then any incoming faxes will be rejected.

SENDING A FAX FROM YOUR COMPUTER

NOTE

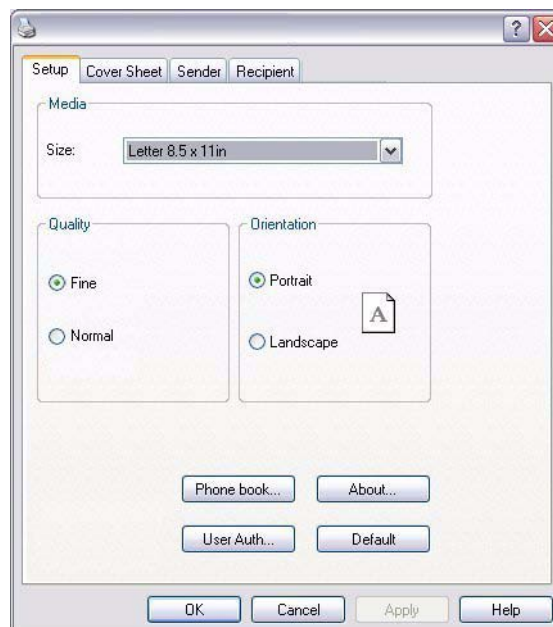
You must have the fax driver installed on your computer. Download the latest fax driver from www.okprintingsolutions.com.

The main steps in summary are:

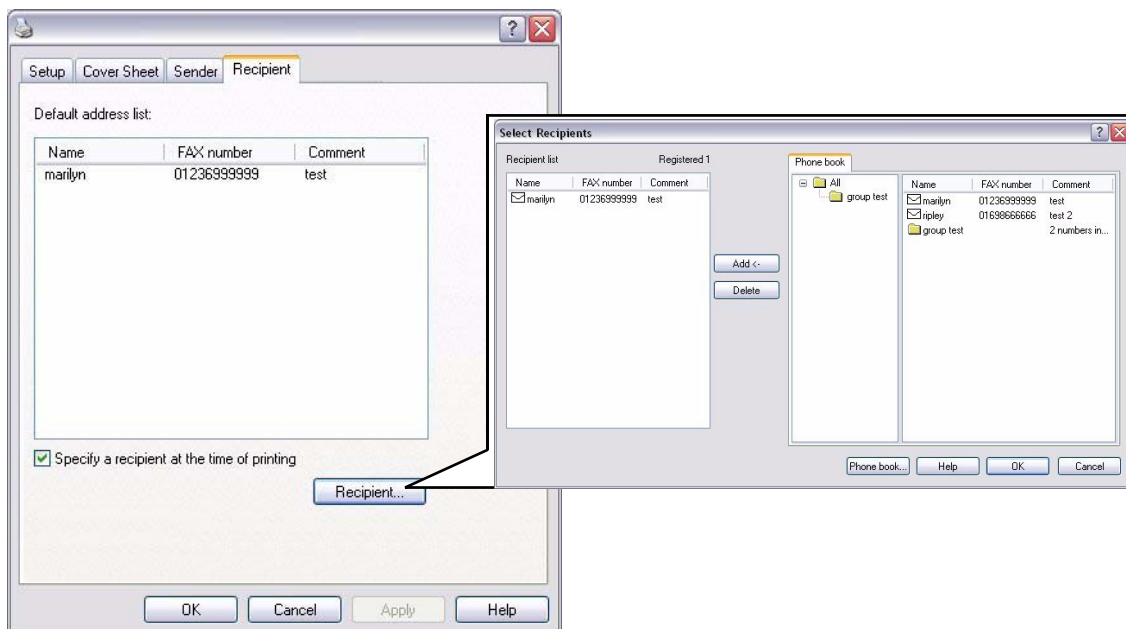
- (a) In your application, select **Print** and select the fax driver.
- (b) Set your document attributes.
- (c) Add a cover sheet.
- (d) Specify your sender details.
- (e) Specify the destination fax number.
- (f) Press **OK** to start sending your fax. The fax driver creates a fax image which is compressed and sent to the specified destination.

These steps are expanded below.

1. From your application's File menu, select **Print**.
2. In the printer Setup window, select **Fax** from the drop-down menu.
3. Select Properties to display the fax driver window.



4. On the Setup tab:
 - (a) Select the appropriate media size from the drop-down menu.
 - (b) Set the resolution quality to **Fine, Normal** or **Fast**.
 - (c) Set the orientation to **Portrait** or **Landscape**.
5. On the Cover Sheet tab:
 - (a) Set the cover sheet usage settings as appropriate.
 - (b) Select a cover sheet format.
6. On the Sender tab:
 - (a) Enter your name.
 - (b) Enter your fax number.
 - (c) If required select the **Add an outside call number checkbox** and enter the Outside call number as appropriate.
7. On the Recipient tab:



- (a) Click the **Recipient...** button.
 - (b) Select a fax number from the **Phone book** panel on the right hand side.
 - (c) Press the **Add** button to add this number to the recipient list.
 - (d) Repeat (b) and (c) as required to create the recipient list.
 - (e) If you need to remove a number from the recipient list, highlight the appropriate name and then press the **Delete** button.
 - (f) Once you have completed your list, press the **OK** button to close the Select Recipients window.
8. Press the **OK** button to close the fax driver window.
 9. Press **OK** to start sending your fax.

ACCESS CONTROL

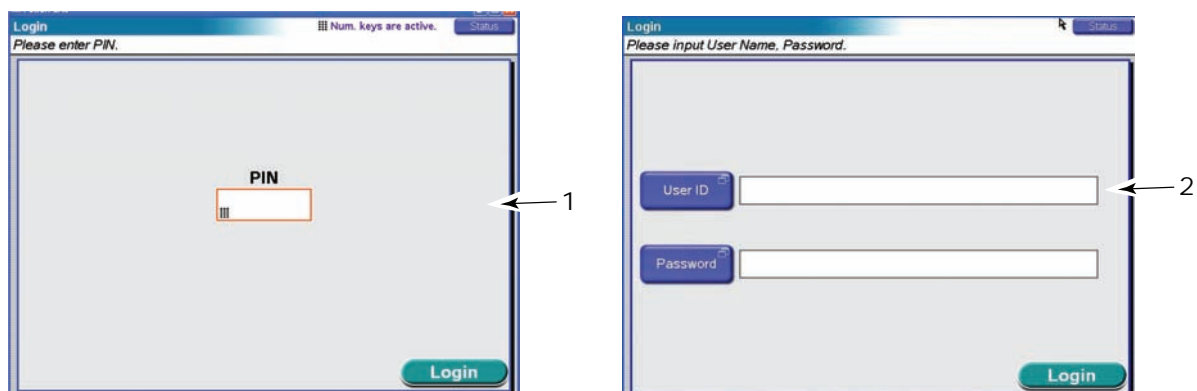
If your Administrator has enabled access control on your scanner, it will automatically start up in access control mode. You will not be able to use it until you have provided valid login information. If the access control setting is:

- > **Job Accounting;** you will need to provide a valid PIN (personal identification number).
- > **LDAP/Local Auth;** you will need to provide a valid user ID and password.

After using it, you will be expected to log out, leaving the scanner unit in access control mode, unable to be used by unauthorised users.

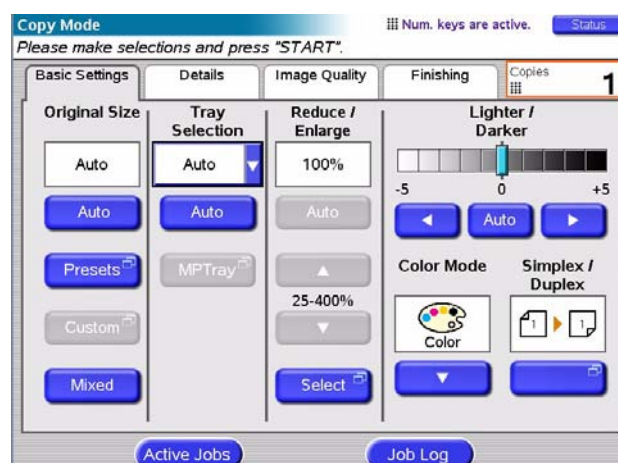
LOGGING IN

1. If the Job Accounting screen (1) is displayed on the touch screen panel, use the numeric keys to enter your PIN.

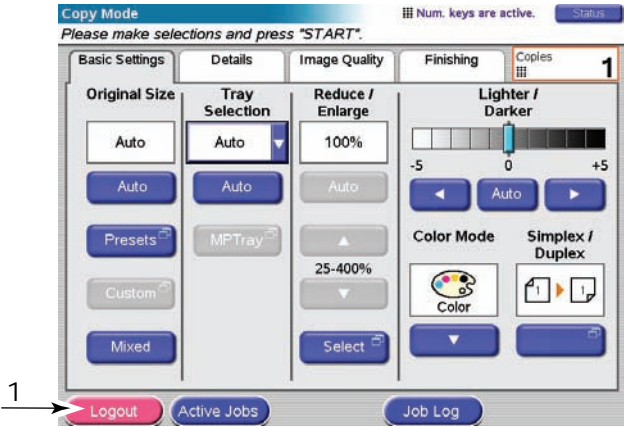


If the LDAP Login screen (2) is displayed on the touch screen panel, press the **User ID** button and use the soft keyboard to enter your user name. Press **OK** to confirm. Press the **Password** button and use the soft keyboard to enter your password. Press **OK** to confirm.

2. Press the **Login** button and the default Copy Mode screen appears, the scanner unit now being available to use.



LOGGING OUT



When you have finished using the scanner unit, press the **Logout** button (1) to return to the access control screen.

SECURITY MEASURES

Your machine incorporates strong security utilities ranging from limiting who has access to the controller to securing the data itself:

- > **Secure Printing;** A standard feature that allows you to control the printing of confidential documents on printers that are shared with other users in a network environment.
- > **Secure Erase;** With the optional EFI Secure Erase feature, administrators and users are able to enhance security by erasing data stored on the controller's hard drive, employing an overwriting protection scheme to erase all traces of deleted information for optimal security in any setting.

SECURE PRINTING

PCL driver; refer to ["Secure printing" on page 33](#) for full details.

PS driver; refer to the Fiery Configuration Guide for details.

SECURE ERASE

Secure Erase removes traces of job data from the Fiery hard disk drive, providing a high level of document security on the Fiery server.

When a job is deleted from the print server, the job cannot be viewed or retrieved using software provided with the print server. However, if the job was spooled to the print server hard disk, elements of the job may remain on the hard disk and can possibly be recovered with disk recovery tools.

Secure Erase erases job files *securely* from the hard disk whenever a job is deleted. During deletion, each job file is overwritten multiple times. Secure Erase provides a high level of document security on the print server.

NOTE

When using secure erase, always keep in mind that the deletion is irreversible. There is no way back if you delete wrong files!

Secure Erase does not apply to the following types of jobs:

- > Jobs located in systems other than the Print Server:
 - > Copies of the job that are sent to another Print Server ("load balancing")
 - > Copies of the job that are archived to media or network drives
 - > Copies of the job that are located on user computers
 - > Pages of a job that are merged or copied entirely into another job (for example, Impose jobs or PDFs that are otherwise merged)
- > Jobs submitted through the following methods:
 - > FTP server
 - > Novell PServer
 - > SMB connection
- > Portions of a job that are written to disk because of disk swapping and disk caching

When you perform any of the Clear Server functions, jobs are deleted securely.

NOTE

- 1. Job Log entries are not deleted.*
 - 2. If the Print Server is manually powered off before a job deletion has finished, the job may not be fully deleted. To determine whether job deletion has finished, verify the status in the Activity Monitor section of Command WorkStation.*
-

APPENDIX A – DISPLAY PANEL MESSAGES (PRINTER)

MESSAGE TYPES

There are four types of display panel message:

- > Status information
- > Menu (functions) information
- > Configuration information
- > Help information

STATUS INFORMATION

Status information is associated with three printer unit states:

In the Information state, such as idling or printing, the printer unit is able to process print jobs.

In the Warning state, the printer unit has encountered some minor problem but is still able to process print jobs.

In the Error state, the printer unit has encountered a problem and cannot continue printing until the user has intervened and removed the cause of the trouble.

The top two lines of the display panel show the printer unit status. The bottom of the display panel normally shows a bar chart of the toner usage.

MENU (FUNCTIONS) INFORMATION

User menus are accessed by pressing the **Enter** button, **Up-arrow** or **Down-arrow** button on the control panel. These menus are available to the general user to make various settings that are used in the running of the printer unit.

CONFIGURATION INFORMATION

Configuration information displays printer unit configuration information such as internal firmware versions.

Menu options at each level can be scrolled through by moving the highlight with the **Up-arrow/Down-arrow** buttons and a highlighted option at that level can be selected by pressing the **Enter** button. When the lowest level menu has been selected, you can change the setting for that menu by selecting the required highlighted value from a list or by entering a numeric value. In other cases, you can display or print configuration information.

HELP MODE

When an error has occurred, press the **Help** button. Information displays that will help you correct the error.

MESSAGE EXAMPLES

The display panel messages, supplemented by the Help messages where appropriate, are intended to be self-explanatory. Representative messages are given as examples below. For a comprehensive list of messages, refer to the Troubleshooting, Maintenance Guide.

MESSAGE	COMMENT
Ready to Print	Your printer unit is online and ready to print.
Printing tttttt	Your printer unit is printing and paper is currently being fed from tttttt, where tttttt identifies a tray.
tttttt Near End	The paper supply in the tray identified by tttttt will run out soon.
ccccc Toner Low	The remaining toner of colour cccccc is running low.
Fuser Unit Near Life	The fuser unit is nearing the end of its working life.
Change Fuser Unit	The fuser unit has reached the end of its working life and has to be changed.
Inverter is Removed	The Inverter unit has been separated from the printer unit and all Finisher functions are disabled. (Finisher/Inverter is an optional accessory.)
Invalid Data Press ONLINE Button	Invalid data has been received by the printer. Press the ONLINE button to clear this warning.
Change Paper in tttttt mmmmmm pppppp Press ONLINE button Please see HELP for details	There is a mismatch between the media in the tray and print data. Load media of size mmmmmm and type pppppp into tray tttttt. The message may remain for some time after you have closed the tray. You can have the printer unit ignore this error for the current print job by pressing the ONLINE button. You can access help details by pressing the HELP button.
Install Paper tttttt mmmmmm Please see HELP for details	The printer unit has tried to take paper from an empty tray. Load media of size mmmmmm into tray tttttt. The message may remain for some time after you have closed the tray. You can access help details by pressing the HELP button.
Install Tray tttttt	The printer unit has tried to take paper from a tray that has been removed. Ensure that tray tttttt is correctly located or put tray tttttt loaded with paper back into the printer unit.
Open Cover Paper Remains tttttt Please see HELP for details	Additional paper has been detected after a paper jam has been cleared. Open tttttt side cover to check for additional paper. You can access help details by pressing the HELP button.
Check Image Drum ccccc Please see HELP for details	Check that the image drum of colour cccccc is correctly installed. You can access help details by pressing the HELP button.

APPENDIX B – MENU SYSTEM (PRINTER UNIT)

The top-level Functions menus are:

- > Configuration
- > Print Pages
- > Suspend Printing
- > Resume Printing
- > Print Secure Job
- > Menus
- > Shut Down
- > Admin Setup
- > Tray Alignment
- > Calibration
- > Print Statistics

The other special top-level menu is:

- > System Maintenance

The following tables summarise the menu trees and provide some usage examples. The menu trees are given to the lowest menu item level. Typically, this can be a parameter that can be set by selecting from a range of values provided or a command that can be executed to display or print a status or setting value.

Emboldened values followed by an (A) denote default values associated with locations where A4 is default paper size. Emboldened values followed by an (L) denote default values associated with locations where Letter is default paper size. Emboldened values followed by neither (A) nor (L) denote common defaults.

Certain menus and items associated with, for example, the finisher appear only if the associated hardware is installed or under certain conditions.

The System Maintenance menu is intended for more specialized usage and is not described further here.

CONFIGURATION

PRINT PAGE COUNT

ITEM	VALUE	DESCRIPTION
Colour Page	nnnnnn	Displays number of colour printed pages converted to A4 equivalent.
Monochrome Page	nnnnnn	Displays number of monochrome printed pages converted to A4 equivalent.
Traym	nnnnnn	Displays total printed pages from Traym, where m is in range 1 to 4.
MP Tray	nnnnnn	Displays total printed pages from MP tray.

FINISHER COUNT

NOTE

This menu is only visible when the optional Finisher is installed.

ITEM	VALUE	DESCRIPTION
Staple	nnnnnn	Displays total pages stapled.
Punch	nnnnnn	Displays total pages punched.
Finisher	nnnnnn	Displays total pages ejected into the Finisher.

SUPPLIES LIFE

ITEM	VALUE	DESCRIPTION
xxxx Drum	Remaining nnn%	Displays the remaining life span of the xxxx drum as a percentage where xxxx can be Cyan, Magenta, Yellow, Black.
Belt	Remaining nnn%	Displays the remaining life span of the belt unit as a percentage.
Fuser	Remaining nnn%	Displays the remaining life span of the fuser unit as a percentage.
xxxx Toner (n.nK)	Remaining nnn%	Displays the remaining life span of xxxx toner as a percentage, where xxxx can be Cyan, Magenta, Yellow, Black. (n.nK) indicates the capacity of the toner cartridge being used.

NETWORK

The items and settings displayed are specific to your system. Refer to the Fiery Configuration & Setup Guide for details.

PAPER SIZE IN TRAY

ITEM	VALUE	DESCRIPTION
Traym where m is in range 1 to 4 (similar arrangement for all trays)	Executive Letter Short Edge Letter Long Edge Legal 14 Legal 13.5 Tabloid Tabloid Extra Legal 13 A6 A5 A4 Short Edge A4 Long Edge A3 A3 Nobi A3 Wide B5 Short Edge B5 Long Edge B4 Postcard Double Postcard Custom	Displays detected paper size of Traym.
MP Tray	Similar to values for Traym	Displays detected paper size of the MP Tray.

SYSTEM

ITEM	VALUE	DESCRIPTION
Serial Number	xxxxxxxxxxxxxxxx	Displays serial no. of the printer.
Asset Number	xxxxxxx	Displays Asset Number. Asset Number is 8 alphanumeric characters that can be assigned by a user. Same as Asset Number of Menu Map.
CU Version	xx.xx	Displays version no. of CU (Control Unit) firmware. Same as CU version of Menu Map.
PU Version	xx.xx.xx	Displays version no. of PU (Print Unit) firmware. Same as PU version of Menu Map.
Total Memory	xx MB	Displays total RAM memory installed in the printer. Same as Total Memory of Menu Map.
HDD	xx.xx GB [Fxx]	Displays size of hard disk and file system version. Same as HDD of Menu Map.

CONFIGURATION EXAMPLE – MONOCHROME PAGES PRINTED

To display the total monochrome pages printed so far (remembering that a duplex page counts as two pages):

1. Ensure that the display panel indicates that the printer unit is ready to print.
2. Enter menu mode by pressing either the **Up-arrow** or **Down-arrow** button and press them repeatedly until the Configuration menu is highlighted.
3. Press the **Enter** button to select this menu.
4. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Print Page Count is highlighted.
5. Press the **Enter** button to select this Item.
6. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Monochrome Page is highlighted.
7. Press the **Enter** button and the monochrome page count is displayed.
8. Press the **Online** button to exit menu mode and return to the ready to print status.

PRINT PAGES

ITEM	VALUE	DESCRIPTION
PS Test Page	Execute	Prints the PostScript sample page.
Configuration	Execute	Prints printer configuration details.
Job Log	Execute	Prints EFI job log details.
Color Charts (disk only)	Execute	Prints colour charts.
PS Font List	Execute	Prints PostScript font list.
PCL Font List	Execute	Prints PCL emulation font list.
Demo Page	Execute	Prints a demo page.
FTP Log	Execute	Prints FTP log.
Error Log	Execute	Prints the error log.

PRINT INFORMATION EXAMPLE – DEMONSTRATION PAGE

To print a demo page to demonstrate how your printer unit prints:

1. Ensure that the display panel indicates that the printer unit is ready to print.
2. Enter menu mode by pressing either the **Up-arrow** or **Down-arrow** button and press them repeatedly until the Print Pages menu is highlighted.
3. Press the **Enter** button to select this menu.
4. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Demo page is highlighted.
5. Press the **Enter** button to select this Item and the demo page is printed.
6. After printing, the printer unit returns to ready to print status.

PRINT SECURE JOB

ITEM	VALUE	DESCRIPTION
Enter Password	nnnn	Enter a password to use secure printing.
Not Found		<p>Use a secure printing job (Secure Job) or a job Stored to HDD when printing. When you print a Secure document, it is deleted from the HDD. When you print a document Stored to HDD, it prints and remains stored on the HDD until you manually delete it.</p> <p>Not Found: (no jobs) is indicated when there is no output file.</p> <p>The following messages are displayed when there are printable files.</p> <p>Print: When you select Print, Set Collating Amount is displayed to enable you to specify a number of copies. After specifying the number of copies, press Enter to print all jobs with the specified number of copies.</p> <p>Delete: When you select Delete, you are prompted to recheck by Yes/No display, and selecting Yes deletes all jobs.</p>
Secure Job	Print Delete	

MENUS

TRAY CONFIGURATION

ITEM	VALUE	DESCRIPTION
Paper Feed	Tray 1 Tray 2 Tray 3 Tray 4 MP Tray	Specifies a feed tray.
Auto Tray Switch	ON OFF	Sets the automatic tray switch function.
Tray Sequence	Down Up Paper feed tray	Specifies selection order priority for automatic tray selection/automatic tray switch.
Unit of Measure	Inch (L) mm (A)	Specifies units for custom paper size.

ITEM	VALUE		DESCRIPTION
Traym Config, where m is in range 1 to 4 (similar arrangement for all trays)	Paper Size	Cassette Size Custom	Sets paper in Traym.
	Media Type	Plain Letterhead Transparency Bond Recycled Card Stock Rough Glossy User Type 1 User Type 2 User Type 3 User Type 4 User Type 5 User Type 6 User Type 7 User Type 8 User Type 9 User Type 10	Sets the media type for Traym. User Type1 to User Type10 are reserved for custom paper sizes set in the printer driver.
	Media Weight	Auto Light Medium Light Medium Medium Heavy Heavy Ultra Heavy 1 Ultra Heavy 2 Ultra Heavy 3	Sets media weight for Traym.
	A3 Nobi Paper	A3 Nobi A3 Wide Tabloid Extra	The printer detects A3 Nobi, A3 Wide and Tabloid Extra sizes at the same time. Use this setting to tell the printer which of the three sizes is loaded in Traym.
	Legal 14 Paper	Legal 14 Legal 13.5	Sets the length of the legal paper in Traym. Change this to Legal 13.5 if that is the standard legal size in your country.

ITEM	VALUE		DESCRIPTION
MP Tray Config	Paper Size	A3 Nobi A3 Wide A3 A4 Short Edge A4 Long Edge (A) A5 A6 B4 B5 Short Edge B5 Long Edge Legal 14 Legal 13.5 Legal 13 Tabloid Extra Tabloid Letter Sht Edge Letter Long Edge (L) Executive Custom Com-9 Envelope LEF Com-10 Envelope LEF Monarch Envelope LEF DL Envelope LEF C5 C4 Index Card	Sets paper size for MP Tray.

ITEM	VALUE		DESCRIPTION
MP Tray Config (cont.)	Media Type	Plain Letterhead Transparency Labels Bond Recycled Card stock Rough Glossy User Type 1 User Type 2 User Type 3 User Type 4 User Type 5 User Type 6 User Type 7 User Type 8 User Type 9 User Type 10	Sets the media type for the MP Tray. User Type1 to User Type10 are reserved for custom paper sizes set in the printer driver.
	Media Weight	Auto Light Medium Light Medium Medium Heavy Heavy Ultra Heavy 1 Ultra Heavy 2 Ultra Heavy 3 Ultra Heavy 4	Sets media weight for the MP Tray.
	Tray Usage	Normal Tray	Tray selection/switching uses this tray as the normal tray.
When Mismatching		If a paper size or type in a tray is not matched to that of the print data, use paper from this tray instead of the specified tray.	
Do Not Use		Makes the MP tray unavailable in auto tray selection/switching.	

SYSTEM ADJUST

ITEM	VALUE	DESCRIPTION
Power Save Time	5 min 15 min 30 min 60 min 240 min	Sets the period after which power save mode starts.
Clearable Warning	ONLINE Job	When Online is selected, you must manually clear the warning by pressing the Online button. Change to Job if you wish the message to automatically clear when a new print job is received.
Auto Continue	Off On	Sets whether the printer is automatically recovered when Memory Overflow or Tray Request occurs.
Manual Timeout	Off 30 seconds 60 seconds	If paper is not fed within this time in manual feed, the job is cancelled.
Low Toner	Continue Stop	Sets the printing operation when insufficient toner is detected. Continue: the printer can continue printing while remaining online. Stop: the printer stops printing and goes offline.
Jam Recovery	Off On	On: continues printing the job, including any jammed pages, once the jam has been cleared. Off: Cancels a job including the page currently jammed.

ITEM	VALUE	DESCRIPTION	
Print Position Adjust	X Adjust	0.00 +0.25 – +2.00 -2.00 – -0.25 mm 0.00 +0.01 – +0.08 -0.08 – -0.01 in	Adjusts the position of the whole printing image (0.25 mm, 0.01 in interval) perpendicular to the direction of paper movement (i.e. horizontally).
	Y Adjust	0.00 +0.25 – +2.00 -2.00 – -0.25 mm 0.00 +0.01 – +0.08 -0.08 – -0.01 in	Adjusts the position of the whole printing image (0.25 mm, 0.01 in interval) parallel to the direction of paper movement (i.e. vertically).
	Duplex X Adjust	0.00 +0.25 – +2.00 -2.00 – -0.25 mm 0.00 +0.01 – +0.08 -0.08 – -0.01in	During the flip-side printing of duplex printing, adjusts the location of the whole printing image (0.25 mm, 0.01in interval) perpendicular to the direction of paper movement (i.e. horizontally).
	Duplex Y Adjust	0.00 +0.25 – +2.00 -2.00 – -0.25 mm 0.00 +0.01 – +0.08 -0.08 – -0.01 in	During the flip-side printing of duplex printing, adjusts the location of the whole printing image (0.25 mm, 0.01 in interval) parallel to the direction of paper movement (i.e. vertically).
xxxx Darkness	0 +1 – +3 -4 – -1	Adjusts the xxxx engine density where xxxx is one of Cyan, Magenta, Yellow, Black. Darkest value is +3.	
xxxx Reg. Adjust	0 +1 – +3 -3 – -1	Makes fine adjustment to image registration in xxxx against Black in the horizontal direction, where xxxx is one of Cyan, Magenta, Yellow. If the paper movement direction is upward, a value set on the plus side, means the image relatively moves downward.	
Paper Bk Setting	0 +1 – +2 -2 – -1	Used for micro adjustment when very visible faded print results or light specks (or streaks) result when printing in Plain Paper/Black setting. Decrease the value if light specks (or streaks) or snow flake like printing results in high density print areas.	

ITEM	VALUE	DESCRIPTION
Paper Clr Setting	0 +1 – +2 -2 – -1	Used for micro adjustment when very visible faded print results or light specks (or streaks) result when printing in Plain Paper/Color setting. Decrease the value if light specks (or streaks) or snow flake like printing results in high density print areas.
Trans. Bk Setting	0 +1 – +2 -2 – -1	As for Paper Black Setting above.
Trans. Clr Setting	0 +1 – +2 -2 – -1	As for Paper Color Setting above.
SMR Setting	0 +1 – +3 -3 – -1	To correct variations in print results caused by temperature/humidity conditions and difference in print density/frequency. Change the setting when print quality is uneven.
BG Setting	0 +1 – +3 -3 – -1	To correct variations in print results caused by temperature/humidity conditions and difference in print density/frequency. Change the setting when background is dark. Note: Auto BG adjust mode within the Calibration menu must be set to Off. See page 142 .
Drum Cleaning	OFF ON	Set to produce idling of a drum before printing in order to reduce horizontal white lines. This shortens image drum life.
Hex Dump	Execute	Prints out the data received from the host PC in hexadecimal code.

MENUS EXAMPLE 1 – TRAY 1 TRANSPARENCIES

To print on transparencies (accommodated in Tray1):

1. Ensure that the display panel indicates that the printer unit is ready to print.
2. Enter menu mode by pressing either the **Up-arrow** or **Down-arrow** button and press them repeatedly until the Menus menu is highlighted.
3. Press the **Enter** button to select this menu.
4. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Tray Configuration is highlighted.
5. Press the **Enter** button to select this Item.
6. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Tray1 Config is highlighted.
7. Press the **Enter** button to select this Item.
8. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until MediaType is highlighted.
9. Press the **Enter** button to select this Item.

10. Press the **Up-arrow** or **Down-arrow** buttons repeatedly to move through the range of media types until Transparency is highlighted.
11. Press the **Enter** button to select this value.
12. Check that an asterisk (*) appears beside Transparency.
13. Press the **Online** button to exit menu mode and return to the ready to print status.

MENUS EXAMPLE 2 – MP TRAY PAPER SIZE

To set paper size in the MP Tray:

1. Ensure that the display panel indicates that the printer unit is ready to print.
2. Enter menu mode by pressing either the **Up-arrow** or **Down-arrow** button and press them repeatedly until the Menus menu is highlighted.
3. Press the **Enter** button to select this menu.
4. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Tray Configuration is highlighted.
5. Press the **Enter** button to select this Item.
6. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until MP Tray Config is highlighted.
7. Press the **Enter** button to select this Item.
8. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Paper Size is highlighted.
9. Press the **Enter** button to select this Item.
10. Press the **Up-arrow** or **Down-arrow** buttons repeatedly to move through the range of paper sizes until the required size is highlighted.
11. Press the **Enter** button to select this value.
12. Check that an asterisk (*) appears beside the chosen size.
13. Press the **Online** button to exit menu mode and return to the ready to print status.

SHUT DOWN

ITEM	VALUE	DESCRIPTION
Restart Server	Execute	
Shut Down System	Execute	
Reboot System	Execute	

ADMIN SETUP

The admin setup is restricted and requires a password and ID to access..

ITEM	VALUE OR SUBMENU ENTRY
Continue to Setup	Yes No
Enter Password	–
Exit Setup	
Server Setup	Server Name
	System Date
	System Time
	Time Zone
	Print Start Page Yes No
	Use Character Set Mac Dos Windows
	Allow Printing From Authorized Users All Users
	Enable Print Queue Yes No
	Jobs to Save 1 ~ 10 ~ 99
	Preview While RIP Yes No
	Save Changes Yes No

ITEM	VALUE OR SUBMENU ENTRY			
Network Setup	Exit Network Setup			
	Port Setup	Exit Port setup		
		Ethernet Setup	Exit	
			Ethernet Speed	Auto Detect (10/100/1000) 100Mbps Full-Duplex 100Mbps Half-Duplex 10Mbps Full-Duplex 10Mbps Half-Duplex
			Mac Addr Filtering	Enable Mac Filter Yes No
		802.1x Setup	Enable IEEE 802.1x Auth Yes No	
	Protocol Setup	Exit Protocol Setup		
		Appletalk Setup	Enable Appletalk Yes No	
		IPv4 Setup	Exit IPv4 Setup	
			Ethernet Setup	Enable Auto IP Config Yes No
			DNS Setup	Enable DNS Yes No
			Security Setup	Exit Securing Filtering IP Filtering IP Port Setup IP Sec Setup
		IPv6 Setup	Enable IPv6 Yes No	

ITEM	VALUE OR SUBMENU ENTRY			
Network Setup Cont.	Service setup	Exit Service Setup		
		LPD Setup	Enable LPD Yes No	
		Windows Setup	Windows Printing Yes No	
		Web Service Setup	Enable Web Services Yes No	
		IPP Setup	Enable IPP Yes No	
		Port 9100 Setup	Enable Port 9100 Yes No	
		E-mail Setup	Email Services Yes No	
		FTP Setup	Exit FTP	
			FTP Printing	Enable FTP Printing Yes No
			Outbound FTP Setup	Use FTP Passive Mode Yes No
		SNMP Setup	Enable SNMP Yes No	
		LDAP Setup	Enable LDAP Yes No	
		SNTP Setup	Enable SNTP Yes No	
		Proxy Setup	Enable Proxy Setup Yes No	
Bonjour Setup	Enable Bonjour Yes No			

ITEM	VALUE OR SUBMENU ENTRY
USB Setup	Enable USB Port Yes No
	Port Timeout 5 ~ 300
	Ignore EOF Yes No
	USB Connection Direct Print Queue Hold Queue
	Serial Number Enable Disable
	Save Changes Yes No
	Printer Setup
Publish Print Queue Yes No	
Publish Hold Queue Yes No	
Personality Auto PCL PostScript	
Use PDF XObjects Off On	
Copies 1 ~ 999	
Duplex Off On	
Output Bin Face Down Face Up	
Job Offset Off On	

ITEM	VALUE OR SUBMENU ENTRY
Printer Setup Cont.	Resolution 600 DPI 1200x600 DPI 1200x1200 DPI
	Media Check Enable Disable
	Transpr Detect Auto Disable
	Toner Save Mode Off On
	Mono-Print Speed Auto Color Speed Normal Speed
	Peak Power Control Normal Low
	Power Save Disable Enable
	Near Life LED Disable Enable
	Moisture Control Off On
	Save Changes? Yes No

ITEM	VALUE OR SUBMENU ENTRY
PS Setup	Allow Courier Subst No Yes
	Print to PS Error No Yes
	Scale to Fit Off On
	Convert Paper Sizes No Letter/11x17 -> A4/A3 A4/A3 -> Letter/11x17
	Default Paper Sizes US Metric
	Print Cover Page No Yes
	Print Master No Yes
	Save Changes? Yes No
PCL Setup	Append CR to LF Off On
	Append LF to CR Off On
	Default Orientation Portrait Landscape
	Font Source Internal Soft Font
	Form Length 5 ~ 64 ~ 128
	Font Number 0 ~ 999
	Font Pitch 0.44 ~ 10.00 ~ 99.99 char/in

ITEM	VALUE OR SUBMENU ENTRY
PCL Setup Cont.	Font Size 4pt ~ 12pt ~ 999.75pt
	Symbol Set PC-8 (Default Symbol Set only shown)
	Document Size Letter 11x17 Legal Statement Executive A4 A3 B4 B5 A5
	System Page Size US Metric
	A4 Print Width 78 79 80
	White Page Skip On Off
	Print to PCL Error Yes No
	Save Changes? Yes No
Color Setup	RGB Source Profile Apple Standard sRGB (PC) Adobe RGB (1998) ECI-RGB Fiery RGB v5 EFI RGB None
	Rendering Style Photographic Presentation Rel.Colorimetric Abs.Colorimetric

ITEM	VALUE OR SUBMENU ENTRY
Color Setup Cont.	CMYK Sim. Profile DIC (EFI) Euroscale (EFI) ISO Coated ISO Uncoated JMPA ver.2 (EFI) Japan Color 2001 type1 (EFI) SWOP-Coated (EFI) TOYO Offset Coated 2.0 None
	CMYK Sim. Method Full (Source GCR) Quick Full (Output GCR)
	RGB Separation Simulation Output
	Use Media Def Prof On Off
	Output Profile Fiery 3640A3 Copier Auto v1F Fiery 3641A3 6x6 Dot v1F Fiery 3641A3 12x6 Dot v1F Fiery 3641A3 12x6 Line v1F Fiery 3641A3 12x12 Dot v1F
	Black Text/Graphics Pure Black Rich Black Normal
	Black Overprint Off Text Text/Graphics
	Spot Color Matching On Off
	Print Gray (Black RGB) Off Text/Graphics Text/Graphics/Images
	Print Gray (Black CMYK) Off Text/Graphics Text/Graphics/Images
	CMY 100% Density On Off
	Save Changes? Yes No

ITEM	VALUE OR SUBMENU ENTRY	
Job Log Setup	Auto Print Log Yes No	
	Job Log Page Size Tabloid/A3 Letter/A4	
	Secure Job Log Yes No	
	Save Changes? Yes No	
Change Password	Enter New Password	nnnn
	Verify Password	nnnn
Language	Select Language English French German Italian Spanish Brazilian Portuguese Dutch Swedish Norwegian Danish Finnish Polish Czech Hungarian Russian Portuguese Greek Turkish	
Clear Server	Clear All Jobs? Yes No	
Factory Defaults	Reset to Def. Yes No	

TRAY ALIGNMENT

ITEM	VALUE	DESCRIPTION
Exit Tray Alignment	-	Exit the menu without performing the tray alignment operation.
Align Trays	Execute	
Restore Default	Execute	

CALIBRATION

ITEM	VALUE OR SUBMENU ENTRY	VALUE	DESCRIPTION
Exit Calibration	-		
Auto Density Mode	On Off	-	Sets whether density adjustment and TRC compensation is automatically performed. ON: density adjustment is automatically run under the printer specified conditions and reflected in the TRC compensation. OFF: the printer does not carry out density adjustments automatically.
Auto BG Adjust Mode	Off -1 0 +1 +2	-	Prevents dirty print backgrounds caused by unstable toner-charging conditions. The print density sensor detects the toner electric potentials and automatically adjusts supply voltage (SB) and charging voltage (CH). The menu does not appear when auto density mode is set to OFF.
Adjust Density	Adjust Density?	Yes No	When Yes is selected, the printer carries out density compensation immediately and reflects it in TRC compensation. Density adjustment must be carried out when the printer is idling.
Adjust Registration	Adjust Registration?	Yes No	When Yes is selected, the printer carries out registration adjustment automatically. Registration adjustment must be carried out when the printer is idling.
Set Up Calibration	Calibration Mode	Standard Expert	
	Page Layout	Color ColPage Single Pattern	
	Tray	Auto Select Bypass	

ITEM	VALUE OR SUBMENU ENTRY	VALUE	DESCRIPTION
Calibrate	Screen Setting	6x6 Dot Screen 12x6 Dot Screen 12*6 Line Screen 12*12 Dot Screen Copier Screen	
	Print Meas. Pg.	Yes No	
	Measure Page	Yes No	
Remove Calibration	Screen Setting	6x6 Dot Screen 12x6 Dot Screen 12*6 Line Screen 12*12 Dot Screen Copier Screen	
	Affects All Contin?	Yes No	

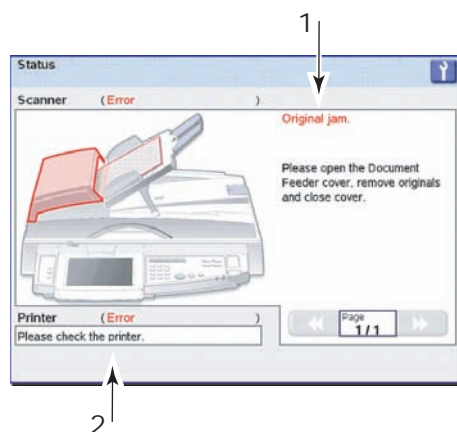
PRINT STATISTICS

ITEM	VALUE OR SUBMENU ENTRY	VALUE	DESCRIPTION
Password entry	nnnn		Enter password. The default password is 0000 (four zeros). When there is no support for the print statistics function, Print Statistics is not displayed.
Statistics Menu	Enable Disable		Enables/disables the print statistics function.
Log Size	1 ~ 30 ~ 100		Sets the log size. Conditions for display: - HDD is installed. - Enable is selected in Functions > Print Statistics > Statistics Menu .
Reset Counter	Reset Counter?	Yes No	Clears the counter back to zero. Conditions for display: Enable is selected in Functions > Print Statistics > Statistics Menu .
Change password	-		Changes a password. Conditions for display: Enable is selected in Functions > Print Statistics > Statistics Menu .
	New password	nnnn	Sets a new password to enter the Print Statistics menu.
	Verify password	nnnn	Input the new password again to confirm

APPENDIX C – SCANNER UNIT STATUS

The scanner unit display panel is intended to be self explanatory and provides textual status information and help information (if appropriate) for both the scanner unit and the printer unit. A scanner image is also provided to help indicate where a scanner unit problem has occurred. In the case of a printer unit problem, you are redirected to the printer unit control panel for more detailed information and help.

As an example, the following screen shows that an original document has jammed in the ADF (1) and there is also a printer unit error which requires you to refer to the printer unit control panel for further information (2).



APPENDIX D – MEDIA SUPPORT INFORMATION

The following tables should be read together and define media sizes in allowable input and output combinations, including Finisher unit punching and stapling options.

Explanations of terms used in the table headings are:

> **B: 2-sided printing (Booklet)**

> **N: N-up printing**

> **F: Fit to page**

> **Paper input locations:**

A: Auto

T1 to T4: Trays 1 to 4

MPT: Multi-purpose Tray

> **Paper output locations:**

FUS: Face up stacker

FDS: Face down stacker

FFUS: Finisher face up stacker

FFDS: Finisher face down stacker

> **Punching options:**

2HT: 2 Hole top

4HT: 4 Hole top

2HLR: 2 Hole left or right

4HLR: 4 Hole left or right

> **Stapling options:**

TL: Top left position

TR: Top right position

T2: Top 2 position

L2: Left 2 position

R2: Right 2 position

SS: Saddle stitch

Symbols used in the table bodies are:

> **Y: Supported i.e. allowable by the MFP**

Y1: Media ejection possible, but no print guarantee

Y2: Short Edge Feed (SEF) only

Y3: Media output route is limited by size and an error message may result

Y4: Feed direction is determined by the print orientation (Portrait/Landscape) and the N-up setting

Y5: Long Edge Feed (LEF) only

> **N: Not supported i.e. not allowable by the MFP**

INPUT LOCATIONS

MEDIA SIZE	B	N	F	A	T1	T2	T3	T4	M
A3	Y	Y	Y	Y	Y	Y	Y	Y	Y
A4	Y	Y	Y	Y	Y	Y	Y	Y	Y
A5	Y	Y	Y	Y	Y	Y	Y	Y	Y
A6	Y	Y	Y	Y	Y	Y	Y	Y	Y
B4	Y	Y	Y	Y	Y	Y	Y	Y	Y
B5	Y	Y	Y	Y	Y	Y	Y	Y	Y
Letter	Y	Y	Y	Y	Y	Y	Y	Y	Y
Legal 14in	Y	Y	Y	Y	Y	Y	Y	Y	Y
Legal 13.5in	Y	Y	Y	Y	Y	Y	Y	Y	Y
Legal 13in	Y	Y	Y	Y	Y	Y	Y	Y	Y
Executive	Y	Y	Y	Y	Y	Y	Y	Y	Y
Tabloid	Y	Y	Y	Y	Y	Y	Y	Y	Y
Tabloid Extra	Y	Y	Y	Y	Y	Y	Y	Y	Y
A3 Nobi	Y	Y	Y	Y	Y	Y	Y	Y	Y
A3 Wide	Y	Y	Y	Y	Y	Y	Y	Y	Y
Index card	N	Y	Y	Y	N	N	N	N	Y
DL	N	Y	Y	Y	N	N	N	N	Y
C4	N	Y	Y	Y	N	N	N	N	Y
C5	N	Y	Y	Y	N	N	N	N	Y
Com-10	N	Y	Y	Y	N	N	N	N	Y
Com-9	N	Y	Y	Y	N	N	N	N	Y
Monarch	N	Y	Y	Y	N	N	N	N	Y
Custom	Y	Y	Y	Y	Y	Y	Y	Y	Y
A4LEF	Y	Y	Y	Y	Y	Y	Y	Y	Y
A4SEF	Y	Y	Y	Y	Y	Y	Y	Y	Y
B5LEF	Y	Y	Y	Y	Y	Y	Y	Y	Y
B5SEF	Y	Y	Y	Y	Y	Y	Y	Y	Y
Letter LEF	Y	Y	Y	Y	Y	Y	Y	Y	Y
Letter SEF	Y	Y	Y	Y	Y	Y	Y	Y	Y

PRINTER UNIT OUTPUT LOCATIONS

MEDIA SIZE	FUS	FDS
A3	Y	Y
A4	Y	Y
A5	Y	Y
A6	Y	Y
B4	Y	Y
B5	Y	Y
Letter	Y	Y
Legal 14in	Y	Y
Legal 13.5in	Y	Y
Legal 13in	Y	Y
Executive	Y	Y
Tabloid	Y	Y
Tabloid Extra	Y	Y
A3 Nobi	Y	Y
A3 Wide	Y	Y
Index card	Y	N
DL	Y	N
C4	Y	N
C5	Y	N
Com-10	Y	N
Com-9	Y	N
Monarch	Y	N
Custom	Y	Y3
A4LEF	Y	Y
A4SEF	Y	Y
B5LEF	Y	Y
B5SEF	Y	Y
Letter LEF	Y	Y
Letter SEF	Y	Y

FINISHER UNIT OUTPUT LOCATIONS

MEDIA SIZE	F F U S	F F D S	2 H T	4 H T	2 H L R	4 H L R	T L	T R	T 2	L 2	R 2	S S
A3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
A4	Y	Y	Y4	Y5	Y4	Y5	Y4	Y4	Y4	Y4	Y4	Y2
A5	Y	Y	N	N	N	N	N	N	N	N	N	N
A6	Y1	Y1	N	N	N	N	N	N	N	N	N	N
B4	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	Y
B5	Y	Y	Y4	N	Y4	N	Y5	Y5	Y5	Y5	Y5	N
Letter	Y	Y	Y4	N	Y4	N	Y4	Y4	Y4	Y4	Y4	Y2
Legal 14	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	N
Legal 13.5	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	N
Legal 13	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	N
Executive	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	N
Tabloid	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	N
Tabloid Extra	N	N	N	N	N	N	N	N	N	N	N	N
A3 Nobi	N	N	N	N	N	N	N	N	N	N	N	N
A3 Wide	N	N	N	N	N	N	N	N	N	N	N	N
Index card	N	N	N	N	N	N	N	N	N	N	N	N
DL	N	N	N	N	N	N	N	N	N	N	N	N
C4	N	N	N	N	N	N	N	N	N	N	N	N
C5	Y1	N	N	N	N	N	N	N	N	N	N	N
Com-10	N	N	N	N	N	N	N	N	N	N	N	N
Com-9	N	N	N	N	N	N	N	N	N	N	N	N
Monarch	N	N	N	N	N	N	N	N	N	N	N	N
Custom	Y3	Y3	N	N	N	N	N	N	N	N	N	N
A4LEF	Y	Y	Y4	Y	Y4	Y	Y4	Y4	Y4	Y4	Y4	N
A4SEF	Y	Y	Y4	N	Y4	N	Y4	Y4	Y4	Y4	Y4	Y
B5LEF	Y	Y	Y4	N	Y4	N	Y	Y	Y	Y	Y	N
B5SEF	Y	Y	Y4	N	Y4	N	N	N	N	N	N	N
Letter LEF	Y	Y	Y4	N	Y4	N	Y4	Y4	Y4	Y4	Y4	N
Letter SEF	Y	Y	Y4	N	Y4	N	Y4	Y4	Y4	Y4	Y4	Y

APPENDIX E – AUTO DETECTION PAPER SIZES

The following tables define which document sizes can be scanned (flatbed or ADF) when using the Auto setting.

NOTE

(a) settings are mutually exclusive with (b) settings and cannot be changed by the user.

Changing between a (c) or (d) setting can be carried out by the user.

NOTE

If you specify Auto for Original Size, the MFP automatically selects the paper size to match the original document. However, depending on the document conditions (for example, if the background density is high), document sizes may not be detected automatically. In this case, specify the document size manually.

FLATBED (DOCUMENT GLASS)

PAPER TYPE	PAPER SIZE (MM)	PAPER SIZE (INCH)
A3	290 x 420	11.69 x 16.54
A4 (SEF)	210 x 297	8.27 x 11.69
A4 (LEF)	297 x 210	11.69 x 8.27
A5 (SEF) (a)	148 x 210	5.83 x 8.27
A5 (LEF) (a)	210 x 148	8.27 x 5.83
B4	257 x 364	10.12 x 14.33
B5 (SEF)	182 x 257	7.17 x 10.12
B5 (LEF)	257 x 182	10.12 x 7.17
(b)	140 x 216	5.5 x 8.5
(b)	216 x 140	8.5 x 5.5
Letter (SEF)	216 x 279	8.5 x 11
Letter (LEF)	279 x 216	11 x 8.5
Legal13 (c)	216 x 330	8.5 x 13
Legal14 (d)	216 x 356	8.5 x 14
Tabloid	279 x 432	11 x 17

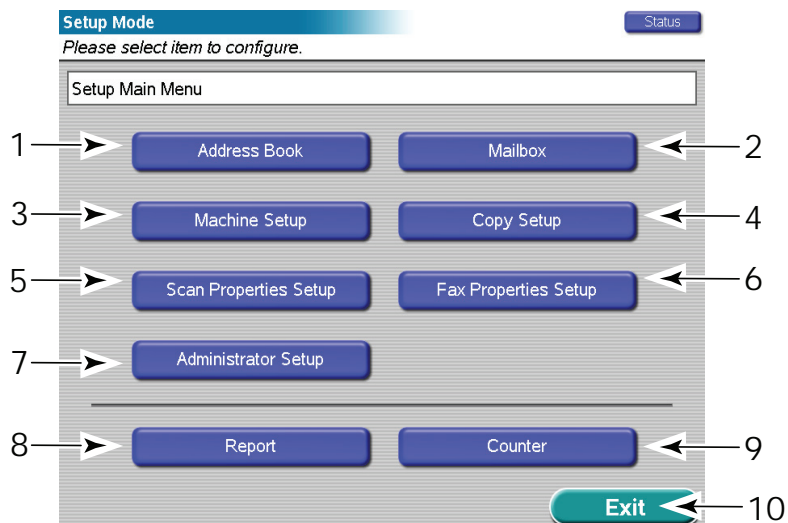
ADF

PAPER TYPE	PAPER SIZE (MM)	PAPER SIZE (INCH)
A3	297 x 420	11.69 x 16.54
A4 (SEF) (a)	210 x 297	8.27 x 11.69
A4 (LEF)	297 x 210	11.69 x 8.27
A5 (SEF) (a)	148 x 210	5.83 x 8.27
B4 (SEF)	257 x 364	10.12 x 14.33
B5 (SEF)	182 x 257	7.17 x 10.12
B5 (LEF)	257 x 182	10.12 x 7.17
(b)	140 x 216	5.5 x 8.5
Letter (SEF) (b)	216 x 279	8.5 x 11
Letter (LEF)	279 x 216	11 x 8.5
Legal13 (c)	216 x 330	8.5 x 13
Legal14 (d)	216 x 356	8.5 x 14
Tabloid	279 x 432	11 x 17

APPENDIX F – SCANNER UNIT SETUP DETAILS

This section provides an overview of the setup facilities on your scanner unit.

Press the **SETUP** button on the scanner unit control panel to show the Setup Mode screen with the Setup Main Menu:



SETTING UP ADDRESS BOOKS

Press the **Address Book** button (1) to gain access to the following:

- > E-Mail Address Book
Locate, Change, Delete or Enter a new e-mail address.
- > Import E-Mail Addresses from LDAP Server
After LDAP authentication, add into address book data selected from the LDAP list.
- > Phone Book
 - > Phone Book
Locate, Change, Delete or Enter a new entry.
 - > Group
Locate, Change, Delete or Enter a new entry.
 - > Short cut key
Assign a phone book or group entry to a short cut key.
- > Import Fax Numbers From LDAP Server
After LDAP authentication, add into address book data selected from the LDAP list.
- > FTP Server List
Locate, Change, Delete or Enter a new FTP Server address.
- > SMB Server List
Locate, Change, Delete or Enter a new SMB Server address.

Press the **OK** button to return to the Setup Main Menu.

SETTING UP MAILBOXES

Press the **Mailbox** button (2) to gain access to the following:

> Mailbox List

Delete/Edit/Add New mailbox entries.

Assign a password to each mailbox.

If a mailbox password has been lost, the mailbox can be deleted by using the Administrator password.

Press the **OK** button to return to the Setup Main Menu.

SETTING UP MACHINE PARAMETERS

Press the **Machine Setup** button (3) to gain access to the following:

> Power Save Delay Time

Set the time after which power save mode will operate: 5, 15, 30, 60, 240min.

> Sound Control

> Key Touch Tone Volume: Set to OFF, Low, High.

> Buzzer Volume: Set to OFF, Low, High.

Press the **Save/Return** button to return to the Setup Main Menu.

SETTING UP COPYING PARAMETERS

Press the **Copy Setup** button (4) to gain access to the following:

> Original Settings

Define default paper size and data type (Mixed, Text or Photo) of original data for the COPY function.

> Color & Quality

Define default setting for Resolution, Color Mode, Color Presets, Exposure Settings (Lighter/Darker and Contrast), Color Saturation, Sharpness, and Background Removal.

> Reduce/Enlarge

Define default Reduce/Enlarge Settings.

> Layout

Define default setting of Image Sides, Book Copy, Margin Shift, N-up and Booklet.

> Image processing

Define default setting of Edge/Center Erase and Mirror.

> Print/Finishing Settings

Define default setting of Tray Selection, Face up/down Print Output, Output Order/Collate, Staple Position, and Punch Position.

Press the **Save/Return** button to return to the Setup Main Menu.

SETTING UP SCAN PROPERTIES

Press the **Scan Properties Setup** button (5) to gain access to the following:

- > Original Settings
Original Size: Define default paper size of original data for scanning.
Original Orientation: Define the orientation of the original document.
- > Color & Quality
Define default setting for Resolution, Color Mode, and Exposure Settings (Lighter/Darker and Contrast).
- > Image processing
Define default setting for Edge/Center Erase Unit.
- > Image/Compression
Define default setting for File Format and Compression Level.

Press the **Save/Return** button to return to the Setup Main Menu.

SETTING UP FAX PROPERTIES

Press the **Fax Properties Setup** button (6) to gain access to the following:

- > Auto Answer Mode
Define default auto answer mode as Fax or Memory.
- > Original Size
Define default size of original for faxing.
- > Resolution
Define default resolution as Standard, Fine or Photo.
- > Lighter/Darker
Define default value for Lighter/Darker setting.

Press the **Save/Return** button to return to the Setup Main Menu.

ADMINISTRATOR SETUP

NOTE
The Administrator password is required.

Press the **Administrator Setup** button (7) to gain access to the following:

- > Power Save Mode
Enable/disable power save mode.
- > Scan to E-Mail
Enable/disable SCAN TO E-MAIL.
- > Scan to FTP
Enable/disable SCAN TO FTP.
- > Scan to SMB
Enable/disable SCAN TO SMB.
- > Proxy Settings
 - > Server Name: Set FTP proxy server name.

- > User Name: Set user name for the proxy server.
- > Port Number: Set port number of the proxy server.
- > LDAP Settings
 - > Server Name: Set LDAP server IP address.
 - > Port Number: Set the port number of LDAP.
 - > Timeout: Set the time out in seconds (10 – 120sec) for the search.
 - > Max. Entries: Set the maximum number of E-Mail addresses that the MFP unit can receive in each search. The Clear button resets this value to the default.
 - > Search Root: Set the root DN (Distinguished Name).
 - > Attributes: Specify LDAP search attributes corresponding to "Name", "Surname", "First Name", "Mail Address" and "Fax Number". The specified attributes are used to query. The default attributes are:
 - "cn" for "Name"
 - "sn" for "Surname"
 - "givenname" for "First Name"
 - "mail" for "Mail Address"
 - "facsimilieTelephoneNumber" for "Fax Number"
 - > Additional Filter: Specify the additional filter e.g. "(c=JP)".
 - > Authentication: Specify the authentication method for LDAP access.
 - "Auto": Automatic selection of authentication method based on communication/negotiation with LDAP server.
 - "Secure Protocol": Authentication method for MS Active Directory. "User ID", "Password" and "Domain" can be set here in advance, or left blank. If they are not set here, user should set them when E-Mail address search by LDAP is carried out.
 - "Anonymous": No authentication
 - "Simple": ID & password authentication. They are sent in plain format. "User ID" and "Password" can be set here in advance, or left blank. If they are not set here, user should set them when E-Mail address search by LDAP is carried out.
 - "Simple & SSL": ID & password authentication.
- > Scanned File Settings
 - > Max. File Size (E-mail): Set to 0 to 15,000 KB in 200 KB increments.
 - > Clear File After Scan: Set to 1 day, 1 week, Manual.
 - > Delete All Scan Job: Confirm deletion.
- > Timer
 - > Copy Reset Timer: Set to OFF, Clear, 10 to 600 sec in 10 sec increments.
 - > Operation Timer: Set to OFF, Clear, 10 to 600 sec in 10 sec increments.
 - > Job Reset Timer: Set to OFF, Clear, 10 to 600 sec in 10 sec increments.
- > Security
 - > Access Control: Set to OFF, Job Accounting, LDAP/Local Auth.
 - > User Mode Logout: when "Access control" is set to either Job Accounting or LDAP/Local Auth, set to Convenience, Security.
 - > LDAP User Mode for E-mail: Set to Enable, Disable.
 - > Address Book Security: Set to ON, OFF.
 - > LDAP Security: Set to ON, OFF.
 - > Edit From Field: Set to Non Editable, Editable

- > Legal Default
Set to 8.5x13 (Legal 13), 8.5x14 (Legal 14)
- > Dealer's Information
 - > Telephone Number: Set using Soft Keyboard then press **OK**.
 - > Fax Number: Set using Soft Keyboard then press **OK**.
 - > E-mail Address: Set using Soft Keyboard then press **OK**.
- > Fax Gateway Mail Address
Set using Soft Keyboard then press **OK**.
- > Mixed Size
Set to Show, Hide for the Mixed button on the Basic Settings tab of Copy Mode.
- > Fax Setup
 - > Basic Setup: Set TSI/CSI, Sender ID, Broadcast Confirmation Report, Time/Date Print, Fax Log Print, Tone For Echo, Max. Modem Rate, Attenuator, MF Attenuator, Ring Response, Monitor Control, Monitor Volume.
 - > Fax Line Setup: Set Redial Tries, Redial Interval, Dial Tone Detection, Busy Tone Detection, MF(Tone)/DP(Pulse), Pulse Dial Rate, Pulse Make Ratio, MF (Tone) Duration, Calling Timer
- > SendMe Setup
 - > SendMeAdm: Update the SendMe Local Database Administrator settings for User's, Application Settings and Synchronisation.
 - > SoftwareManager: Modify the layout, and add or remove connectors on the SendMe system, for example installing the optional NetConnect.

Press the **Save/Return** button to return to the Setup Main Menu.

GENERATING REPORTS

Press the **Report** button (8) to gain access to printing the following:

- > Administrator Setup Report (The Administrator password is required.)
- > User Setup Report
- > Job Log
- > E-mail Log
- > FTP Report
- > Fax Log
- > MFP Statistics Report

Press the **OK** button to return to the Setup Main Menu.

SCANNER UNIT COUNTER READINGS

NOTE

The Administrator password is required.

Press the **Counter** button (9) to display counter values.

- > Pad counter
Total number of pages handled by the document feeder.
 - > Document Feeder (Simplex)
The number of pages scanned as single-sided.
 - > Document Feeder (Duplex)
The number of pages scanned as double-sided.
 - > Flatbed (glass)
The number of pages scanned on the glass.
-

NOTE

Counters return to 0 after 999,999.

User cannot clear the counters.

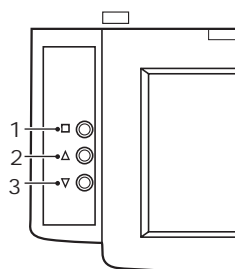
Press the **OK** button to return to the Setup Main Menu.

SETUP COMPLETE

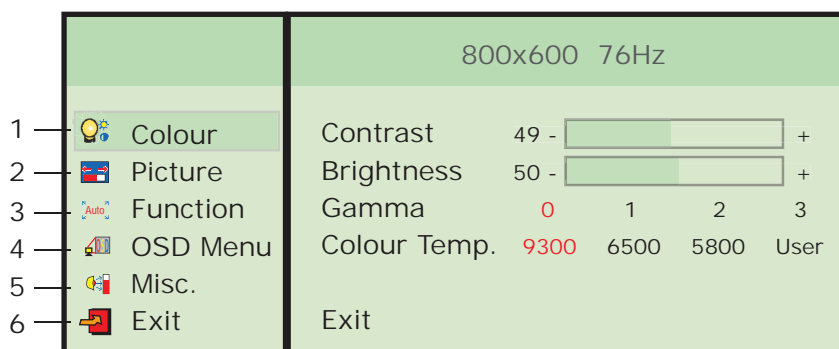
When you have finished setting up, press the **Exit** button (10).

APPENDIX G – TOUCH SCREEN SETUP

This section provides an overview of the control functions available for the touch screen display on the scanner unit.



On the scanner unit control panel, press the **Menu** button (1) to display the OSD then press the **Up-arrow** (2) or **Down-arrow** (3) buttons to reach the required function. Press the **Menu** button, use the **Up-arrow** and **Down-arrow** buttons to locate the required option then press the **Menu** button to set the option and return to the OSD main menu.



NO.	FUNCTION	OPTION	DESCRIPTION
1	Colour	Contrast	Adjusts the difference between the light and dark areas.
		Brightness	Adjusts the brightness of the screen.
		Gamma	Adjusts the coordinates of colour.
		Colour Temp.	Adjusts the colour temperature.
		Exit	Exits the Colour menu and saves the values. Press the Menu button to execute.

NO.	FUNCTION	OPTION	DESCRIPTION
2	Picture	H.Position	Moves the display image horizontally. Up-arrow button moves image to right, Down-arrow button moves image to left.
		V.Position	Moves the display image vertically. Up-arrow button moves image upwards, Down-arrow button moves image downwards.
		Phase	Adjusts the video distortion. (Vertical noise appears on the screen while adjusting the Phase.)
		Clock	Adjusts the video distortion. (Horizontal noise appears on the screen while adjusting the Clock.)
		Sharpness	Adjusts the sharpness of the display image.
		Exit	Exits the Picture menu and saves the values. Press the Menu button to execute.
3	Function	Auto Adjust	Automatically adjusts Horizontal Position, Vertical Position, Pixel Clock and Phase for an optimal image.
		Auto Colour	Automatically adjusts Contrast, Brightness, Gamma and Colour Temp. for an optimal image.
		Exit	Exits the Function menu and saves the values. Press the Menu button to execute.
4	OSD menu	Language	Changes the OSD language.
		OSD H-Position	Adjusts the OSD horizontal position. Up-arrow button moves OSD to right, Down-arrow button moves OSD to left.
		OSD V-Position	Adjusts the OSD vertical position. Up-arrow button moves OSD upwards, Down-arrow button moves OSD downwards.
		OSD Timer	The OSD will automatically turn off if no adjustments are made for a certain time period.
		Translucent	Adjusts the OSD transparency.
		Exit	Exits the OSD menu and saves the values. Press the Menu button to execute.
5	Misc.	Signal Source	Switch input signal source.
		Mode Select	Adjusts the display size / resolution.
		Reset	Restores all settings to factory default values. Press the Menu button to execute.
		Exit	Exits the Misc. menu and saves the values. Press the Menu button to execute.
6	Exit		Exits the OSD menu and saves the values. Press the Menu button to execute.

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