

# KIMOTO

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## KIMOSSETTER RIP

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USER GUIDE (FOR MAC OS 10.4 AND HIGHER)

*Revised: May 2009*

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Kimosetter RIP User Guide (Mac version)

May, 2009

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# CHAPTER 1

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## INTRODUCTION

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### 1.1. SYSTEM REQUIREMENTS

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The Kimosetter RIP is designed to run on MAC OSX 10.4 and higher and Intel Mac OS.  
To install and run the RIP, you should have **full administrative rights**.

*Minimum requirements:*

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Computer: Power Mac G4

CPU speed: 400 MHz

Memory: 512 Mb

USB Bus

*Recommended requirements:*

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Computer: Power Mac G4

Number of CPUs: 2

CPU speed: 500 MHz

Memory: 896 Mb

USB Bus

Network: Ethernet (adaptor or built-in)

## CHAPTER 2

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### GETTING STARTED

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#### 2.1. INSTALLATION

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To install the Kimosetter RIP, place the disk into the CD ROM device or mount the installer's file "Kimosetter RIP-installer-xx.dmg" by double clicking on it.

Then double click "InstallKimosetter RIP.mpkg" package installer icon.

Follow the installer instructions.

Do **not** change the location of the RIP as suggested by the installer.

**Note!** The RIP will not work correctly if moved to a different location!

Optimizing your system at the final stage of installation might take some time.

After installation is complete, reboot.

**Note!** Do not run the RIP before installing the license.

#### 2.2. LICENSING

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The Kimosetter RIP is protected by a license.

**Important!** Your printer should be connected to the machine's USB port and switched ON.  
**THE HARDWARE KEY MUST BE CONNECTED TO THE COMPUTER AND SHOULD NOT BE REMOVED AFTER INSTALLATION.**

The code string is located inside the CD box and was shipped to you with the printer unit and the RIP software. Also, the .lic file, which you can browse, is on the CD with the RIP File.

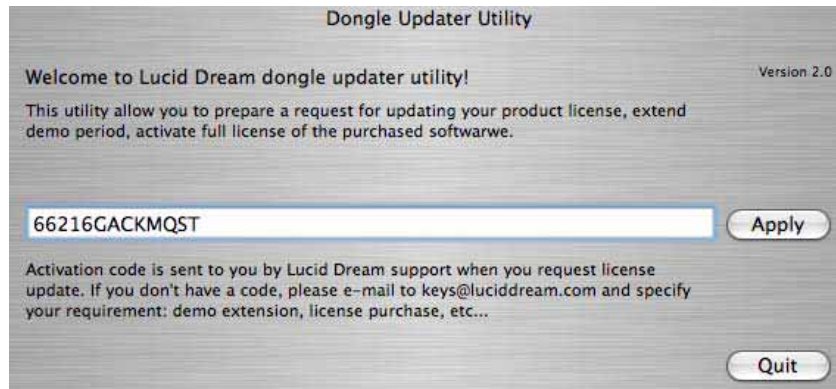
To install the license:

Click on Macintosh HD->Library-> ApplicationSupport->KimosetterRIP and locate DongleUpdater.

Click on DongleUpdater and open the Dongle Updater Utility window.

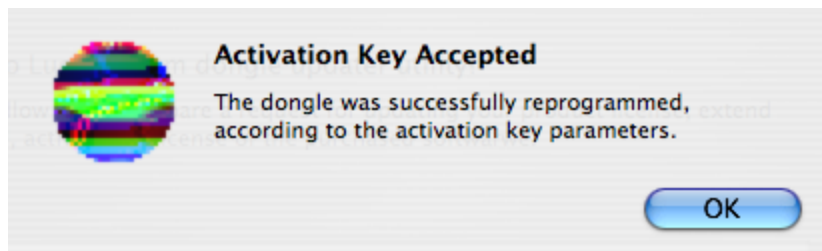
Type the license string in the textbox and click **Apply**.

**Note!** A copy of the license file is on the RIP installation CD as a .lic file. You can open this file using textedit.



*Dongle Updater Utility Window*

Once you see the following message the license is properly installed.

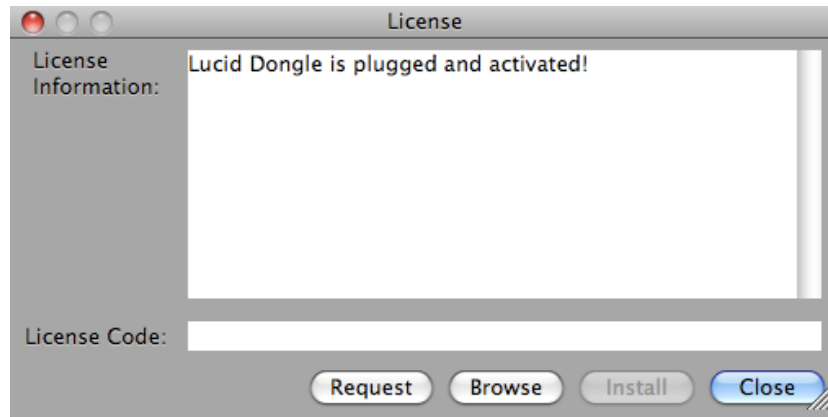


Run the RIP from Applications -> Kimosetter RIP.

This now enables ripping and printing with the Kimosetter RIP. You can check the license status at any time within the menu, under **RIP**:



*Calling the License dialog from the menu*

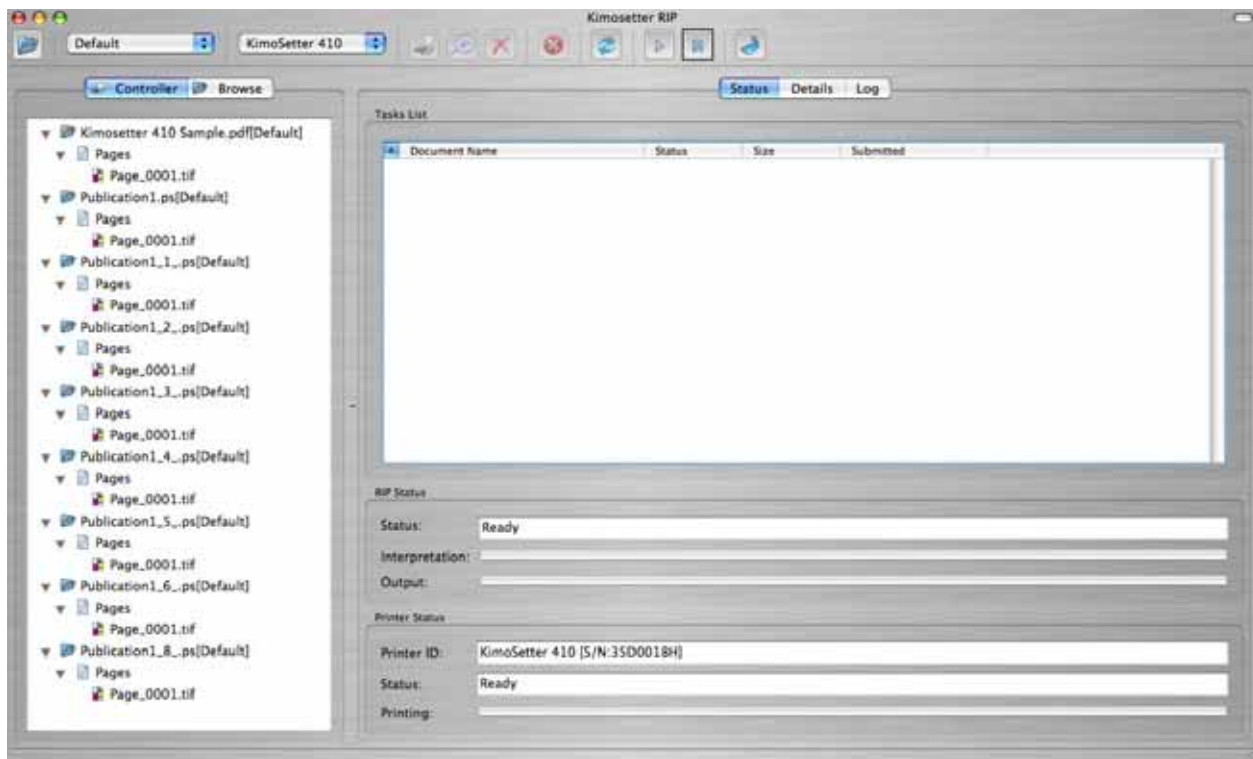


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### 2.3. OVERVIEW

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The Kimosetter RIP window is shown here:



*Kimosetter RIP window; Ripping a job*

The **Controller** stores all ripped jobs pending output.

The **Browser** tab displays the contents of the computer's drives. You can use it to quickly find the file and send it to rip and print.

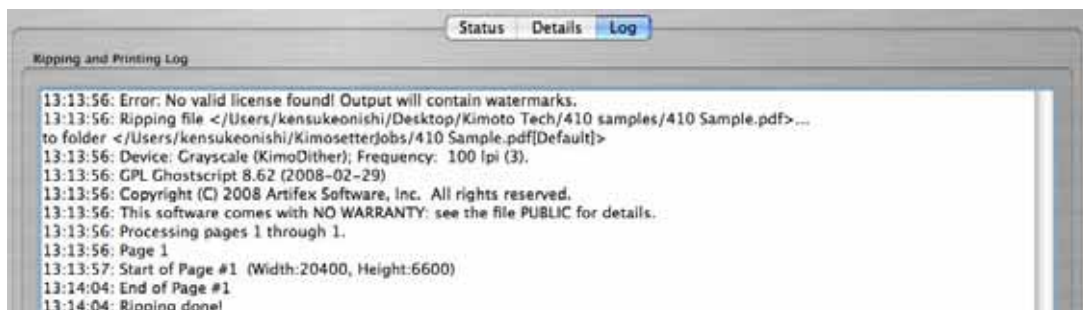
The **Status** tab displays the progress of ripping and printing activities as well as the printer's status. The top box displays the list of pending ripping and printing jobs.

The **Details** tab shows the printer's detailed information. If the printer displays an "error" status, open the **Details** tab to see the report.



*Details tab*

The **Log** tab displays the list of jobs processing and other operations in the RIP.



*Log Tab*

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## 2.4. UNINSTALLING THE RIP

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To uninstall the KimosetterRIP, run the application located on your system drive:

`/Library/Application Support/KimosetterRIP/KimosetterRIPUninstaller.app`

Uninstalling the RIP requires the administrative login and password to continue. In the opened window, press the **Uninstall** button. It will then remove all RIP files from your Mac.

During uninstall, RIP queues will stay in their location should you need them when upgrading to latest version.

However, upgrading does not require you to uninstall previous version. You can simply close the RIP, run the new installer, and the RIP will automatically upgrade.

## CHAPTER 3

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### FUNCTIONS

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This chapter explains how to print jobs, how to set up printing queues and control the output process.

There are four menus that enable you to use the Kimosetter RIP functions.

The toolbar buttons and shortcuts duplicate some of these functions for your convenience.

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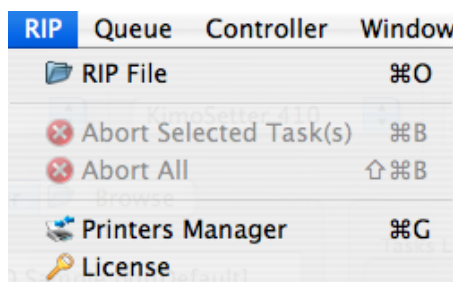
#### 3.1. RIP MENU

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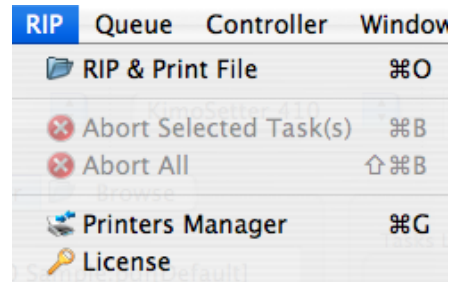
##### RIPPING AND PRINTING

---


The RIP menu has two ways of displaying how to process a job.





a) Rip to Controller

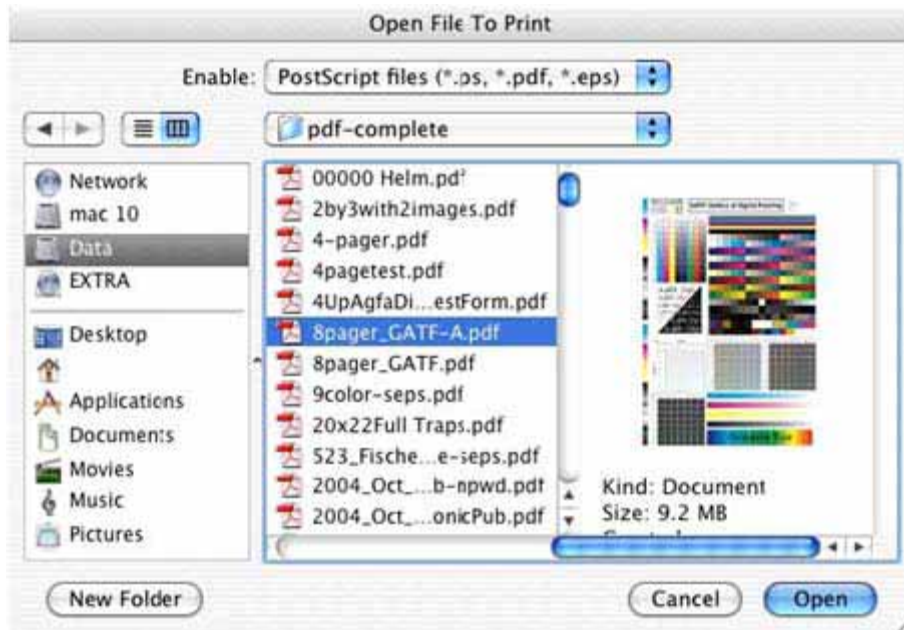


b) Rip and output to printer

The **RIP File** item will be displayed if the Controller setting is **Hold** . This means that the job will be ripped and saved to the Controller (see section 3.3 in this manual ). The printing options will then be applied from the queue selected in the RIP's toolbar queues list box.

The **RIP&Print File** item will be displayed if the Controller setting is **Run** . This means that the job will be ripped and immediately printed to the device using the printer setting defined in the specified queue.

Select the **Rip File** or **Rip&Print File** menu item, or press the  button on the toolbar. Browse and select the job's file in the dialog, select the **Queue** from the drop down box and press **Open**.




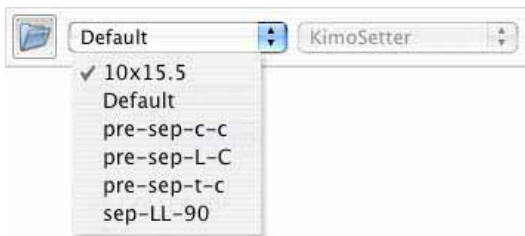
*Open File to Print*

## BROWSE PANEL

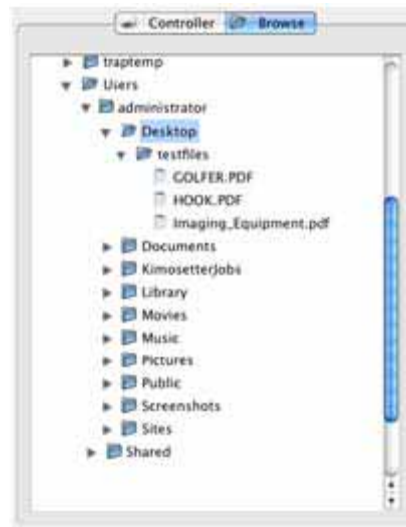
This **Browse** panel is a handy way to select jobs for processing. It presents your disks in an explorer-like tree view for quick selection of a job.

First, select the active queue in the drop down box on the RIP toolbar.

Then, browse for a job and double click it to start ripping. Press the Refresh button  on the toolbar to update the tree with the most recent files and mounted drives if you anticipate changes in the information.



*Selecting a queue from the RIP Toolbar*




*Selecting a job to rip from the Browse Tab*

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## ABORT SELECTED TASK(S)

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If you wish to abort ripping or printing of some jobs, select them in the **Task List** window and then select **Abort** in the menu or press the  button on the toolbar.

---

## ABORT ALL

---

Use this menu item to abort all running and pending jobs — ripping and printing.

---

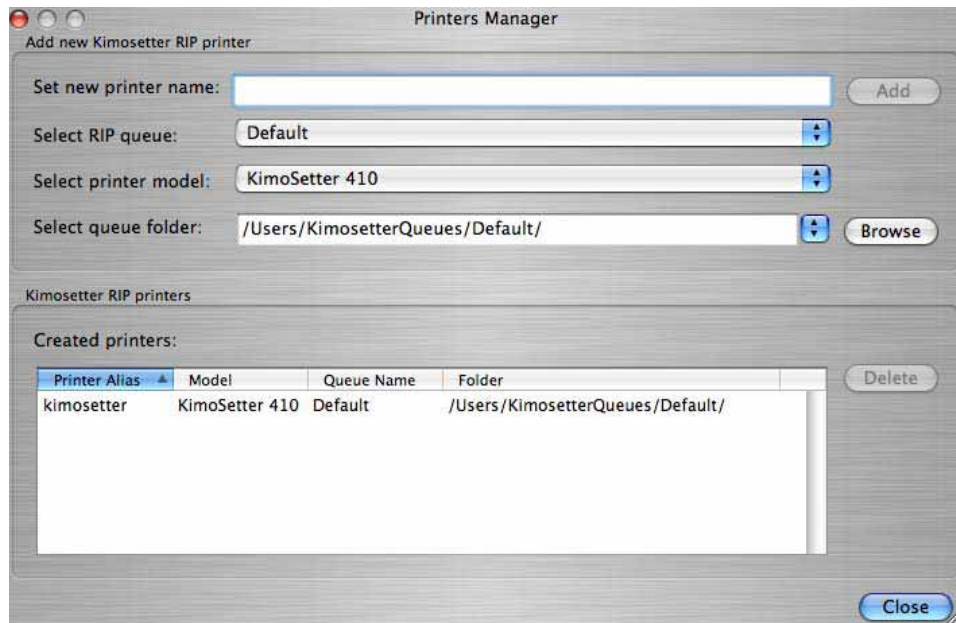
## PRINTERS MANAGER

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The **Printers Manager** tab allows you to publish the Kimosetter RIP as your virtual printer and select it when printing from any application, such as Illustrator, PageMaker, etc.

A virtual printer is created through an existing RIP Queue. You can create a printer for every existing RIP Queue.

Opening the **Printers Manager** menu reveals the dialog shown below.



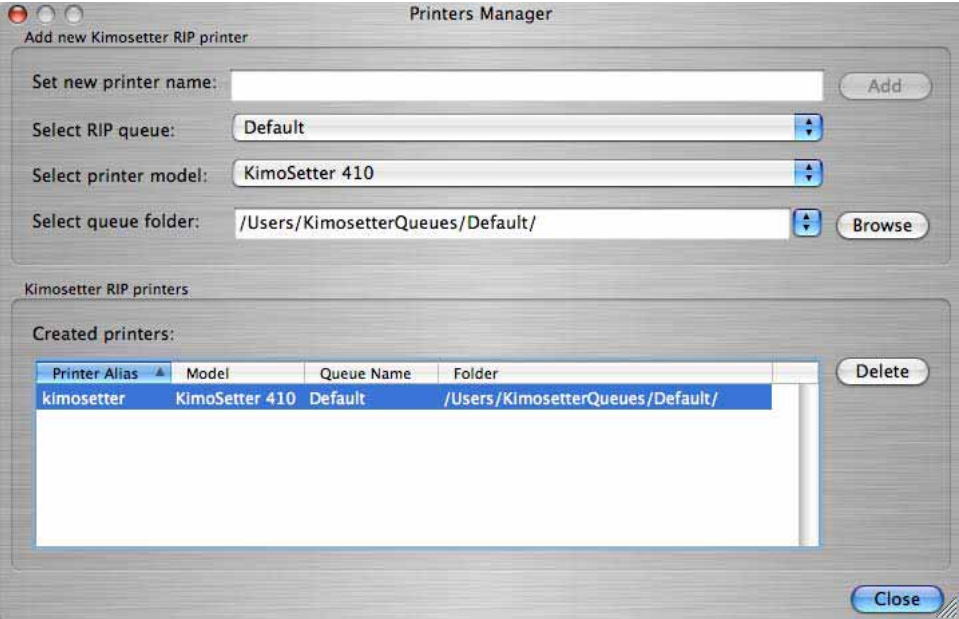
*Creating a new virtual printer*

Type in the printer's name (it should be 12 characters or fewer with no spaces). Then select the RIP queue and the temporary folder for the printer's files (or use the default one suggested in the box) and press the **Add** button.

The system requires entering your user name and password to add the printer to the printers list. The printer has been created and added to the list.

**Important!** You must have full administrative rights to add a printer. Please check with your system administrator.

If you wish to delete a printer, select it in the list and press the **Delete** button, which is available when one of the printers is selected.



*Deleting a virtual printer*

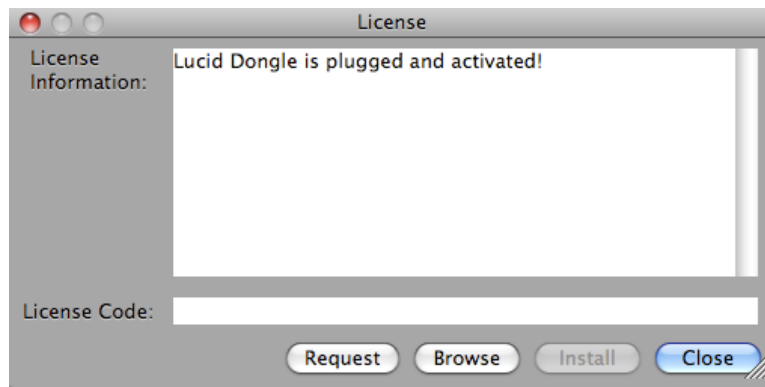
**Note!** Appendix 3 provides an example of printing to a virtual printer from your application.

## LICENSE

The **License Information** box shows the current protection status.

**Note:** If your printer is **off**, the RIP is disabled by the license manager and you cannot rip jobs, but you can configure queues and preview jobs in the Controller.

Normally, the license information should display as follows:



*License ON*

Read more on how to install the license in section 2.2 of this manual.

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## RIP SETTINGS

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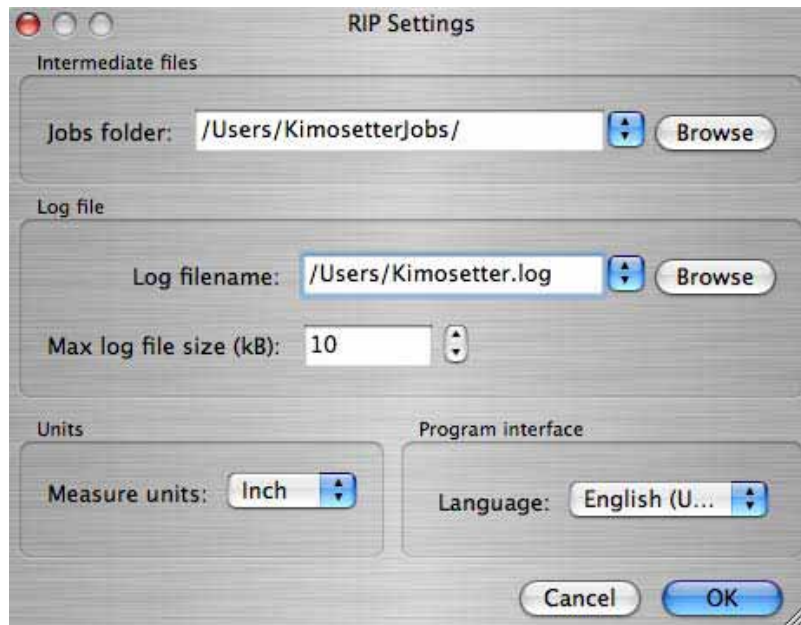
The **Preferences** dialog showing General RIP settings can be reached via the **standard Mac menu**, as well as the **About** box.



*Calling RIP settings*

The **Preferences** dialog allows you to select the temporary folder for ripped jobs that will appear in the Controller, the log file path and maximum size. You also can change units from inches to millimeters and select localization from the drop down list.

The pathnames are initially defined during installation, but you can change them in this dialog.




*RIP Settings*

By default, the jobs folder “KimosetterJobs” and the log file “Kimosetter.log” are located in the user’s home folder.

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## EXIT

Use the **Quit KimosetterRIP** menu item to quit the RIP, or press the  button on the toolbar.

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## 3.2. QUEUES

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### WHAT IS A QUEUE?

The **Queue** is a collection of ripping, screening and printing parameters, which are saved under a descriptive, user selectable name.

You can define a set of queues in the RIP for different types of output such as different screening parameters, media size, etc.

When printing a job, you can select the queue to which you would like to print. You also can use queues to publish the RIP as a virtual network printer and print to it from your applications.

---

### QUEUE MENU

This menu allows you to view the queues dialog.



*Queue Menu*

Press the **Queues Manager** item to open the dialog for a selected queue from the drop down list on the toolbar. Setting the queue's parameters is described further in this chapter.

The list of all your queues is available in the drop down box on the toolbar.



*Queues list on the RIP Toolbar*

## MANAGING QUEUES



*The Queue Tab*

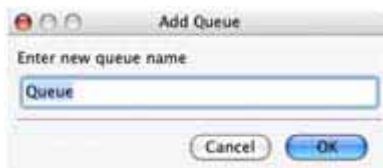
The **Queues Manager** window contains the panel to the left with the list of all queues created for your RIP.

A Default queue is shipped with the installation. You can edit its parameters and **Save** your customized Default queue.

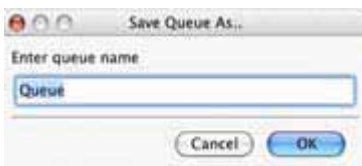
The buttons on the left panel allow you to create new queues, duplicate, rename and delete existing queues.

**Important!** One queue should always stay in the RIP. You cannot delete all queues.

The following dialogs prompt you to:



Create a **New** queue



Duplicate an existing queue  
with the **Save As** button



Rename a queue with the **Rename** button

You can delete a selected queue by pressing the **Delete** button.

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## QUEUE PARAMETERS

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The Queues dialog is reached from the menu **/Queue/Queues manager**. It allows you to set the parameters in the four tabs, as described below.

---

### INK SETTINGS TAB

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This tab allows you to control screening and output in-rip separations.

There are three options in the **Screening Style** box, which reflect the way the RIP applies screening and generates output.

If you are printing jobs pre-separated in your application, use either **Grayscale** or **Grayscale (KimoDither)**. The difference between these options is in the frequency settings and screen angles described below.

If you are printing composite jobs and wish to instruct the RIP to separate them, use the **Separated** option. The RIP will produce process separations (CMYK — Cyan, Magenta, Yellow and Black) and spot inks as defined in the **Separations** table.

The picture shows settings for the Separated option.



*Separated option settings*

The **Separations** table contains the list of inks, where you can set the **Print** option and screening **Angle** for given inks. Click on a cell and select the values from a drop down list.

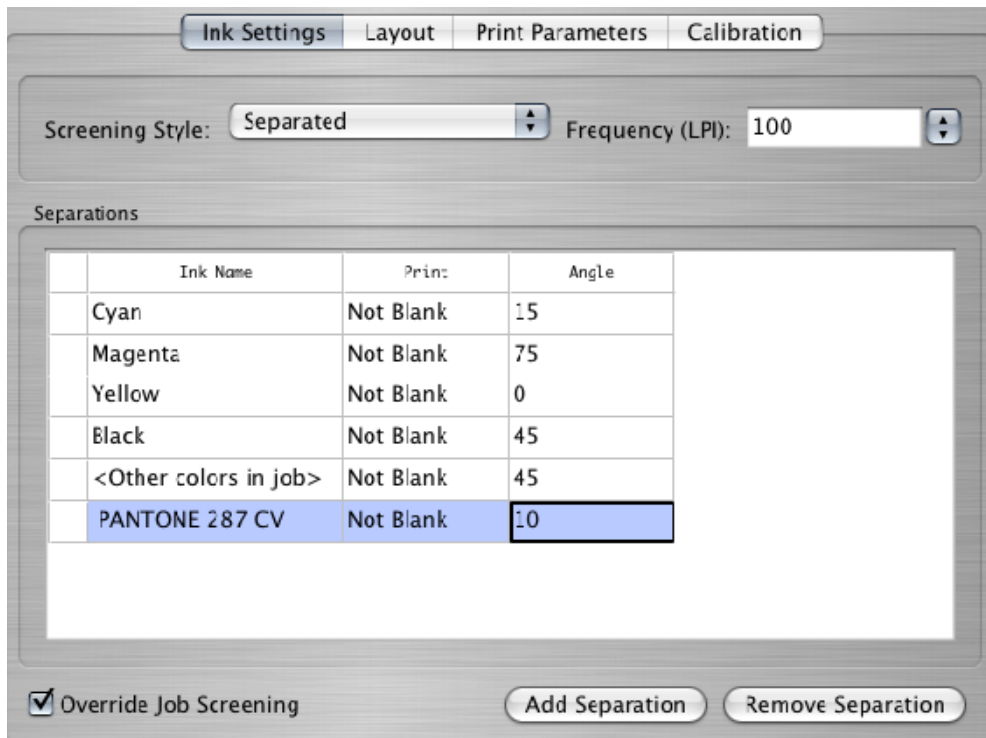
**Note:** Edit the values in the table by entering them into the table cells. To save the changes, activate another cell (click on it).

Set the **Print** option to “Yes” to always output a separation; set it to “No” to never output a separation, even if it is present in a job; set it to “Not blank” to output a separation only if it has data in it.

Generally the **Not blank** settings will fit most needs. If, however, you typically print duotone jobs, then you should set CMY to “No”, and K and “Other colors in job” to “Not blank”.

The column **Angle** allows setting screen angles for inks by either selecting them from a drop down list or directly entering a value.

The ink name “**Other colors in job**” refers to any spot color. Each spot color will have a defined screen angle, so if you need different angles for specific spot inks, use the “Add separation” button to add this specific ink name to the table and set an angle for it.



*Adding a specific spot ink to the separations table and setting its screen angle*

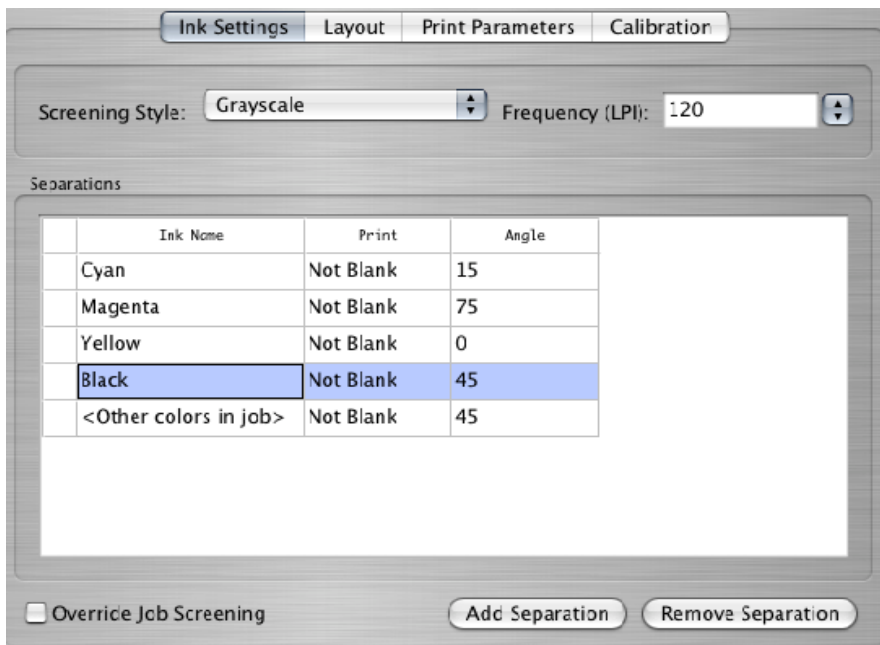
You can **Remove** only the added inks from the table. Process inks and the “Other colors in job” ink cannot be removed. If you do not need plates for them, simply disable printing with a “No” selection in the Print cell.

The **Frequency** option allows you to choose the line ruling from a drop down list or by typing in a value. This setting will be used for the whole job.

Check the box **Override Job Screening** if you wish to use screening parameters set in this dialog. Uncheck it to use screening parameters from a job’s file.

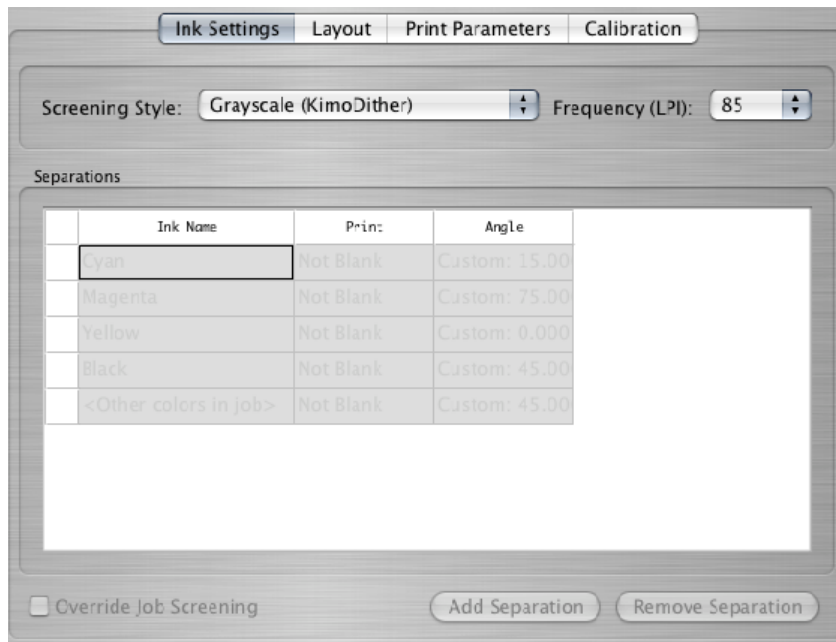
When the **Grayscale** option is selected, the RIP will output separations created in your printing application or create grayscale pages from your composite job. Set screening parameters in the application and uncheck the **Override Job Screening** option to use parameters from the source job’s file.

The picture below demonstrates settings for the Grayscale option:



*Grayscale option settings*

The option **Grayscale (KimoDither)** allows you to select **Frequency** values only from the drop down list and applies 45 degrees angle to all generated pages. The screening angles set in the application are ignored.



*Grayscale (KimoDither) allows only these three frequency values*

## LAYOUT TAB

This tab allows you to select the media size and positioning of the image on the plate. Media sizes are collected in the drop down list and depend on the printer model. You can select one of the suggested formats or create a custom media setting using width and height values. When you select Custom from the list, the width and height boxes become active to accept your size settings.

In the **Positioning** group, you can define how the page will be imaged on the media. **Appendix 1** in this manual explains the available printable area sizes for the different Kimosetter models.

**Offset W** – Shifts horizontally between left and right sides of the media; the maximum values are: for model 340 from -13.1" to +13.1"; for model 340i from 12.9" to +12.9"; for model 410 from -16.15" to +16.15"

**Offset H** – Shifts vertically between top and bottom sides of the media; the maximum values are: for model 340 from -19.9" to +19.9"; for model 340i from 19.1" to +19.1"; for model 410 from -20.6" to +20.6"

Setting offsets with the centering options shifts the image as follows:

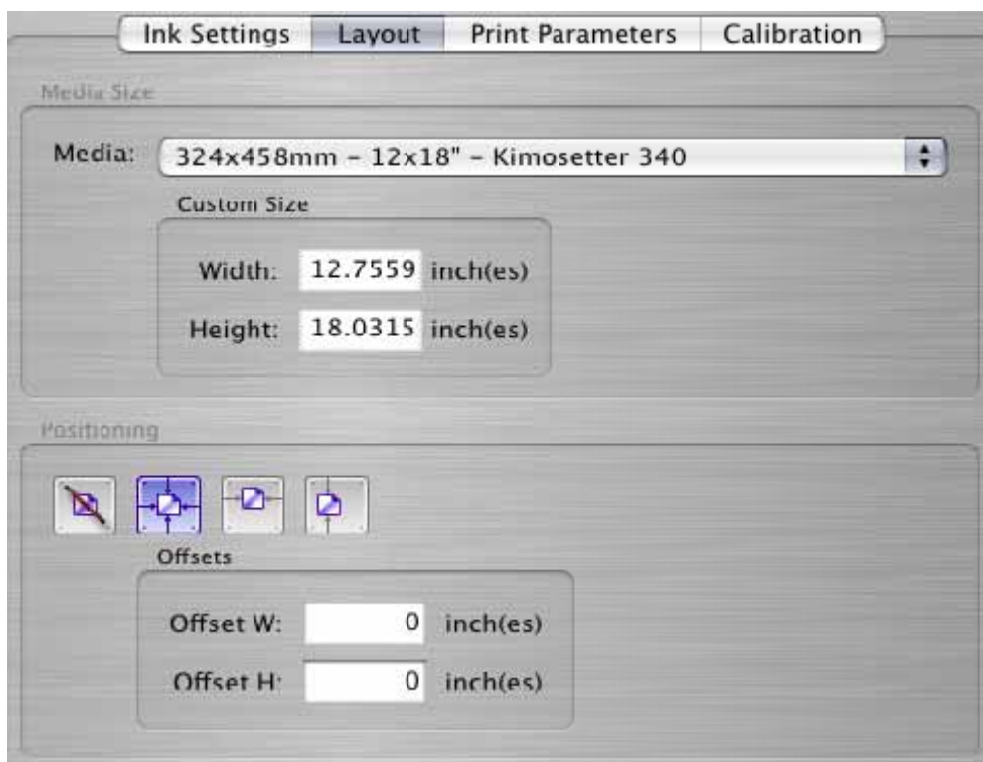
Offset  $W > 0$  shifts right from the selected centering position;

Offset  $W < 0$  shifts left from the selected centering position;

Offset  $H > 0$  shifts down from the selected centering position;

Offset  $H < 0$  shifts up from the selected centering position.

**Centering** buttons can be pressed or depressed. Centering occurs inside the plate (media), when the printable area is less than the media size by the sizes of the margins.



*Layout with Centering option on and no offsets*

**No centering** 

Pressing this button and setting the **Offset W** and **Offset H** will shift your page horizontally and vertically from the upper left corner of the printable area. Define positive offsets to keep the image inside the plate.



**Center**

Pressing this button will print your page in the center of the plate. Apply offsets to shift the centered image.



**Center horizontally at the top**

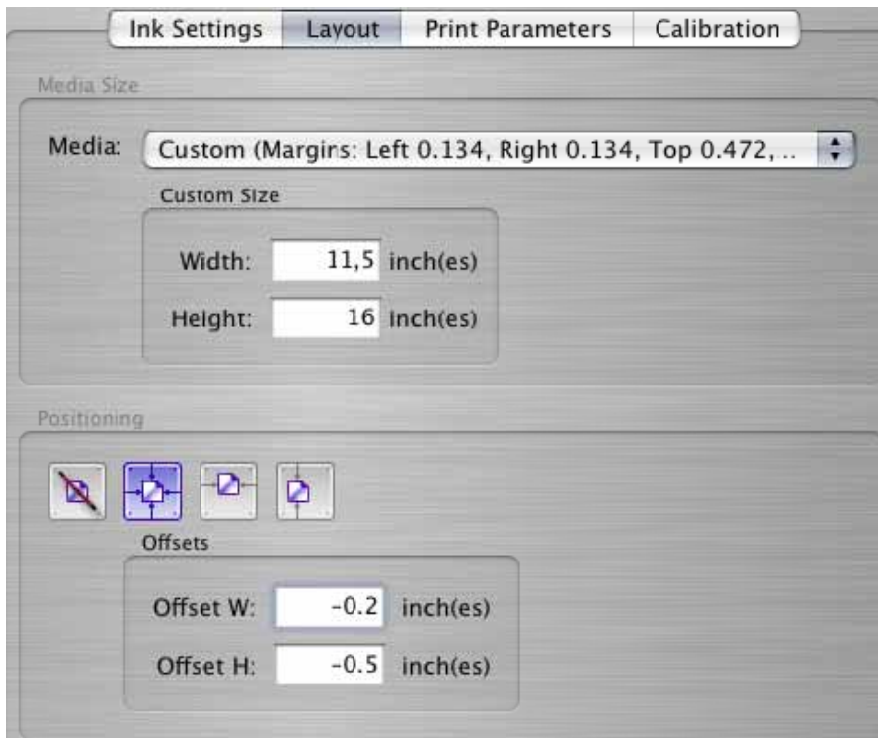
Pressing this button will center your page by width starting at the top of the plate. Apply offsets to shift the centered image.



**Center vertically at the left**

Pressing this button will center your page by height starting at the left side of the plate. Apply offsets to shift the centered image.

**Appendix 2** in this manual gives examples of how positioning works.



*Layout with Custom media size, Centering On and Offsets moving the image left and up from the center position*




## PRINT PARAMETERS TAB

In this tab you can set the job's **Resolution** by choosing from the drop down lists of W (horizontal) and H (vertical) resolutions. Though resolution is selectable, it only contains the default settings (i.e., 1200 DPI for W and 600 DPI for H). Otherwise, the output on the plate could be stretched or compressed.

Enable the **Negate** checkbox to generate negative output.

Enable **Mirror** checkbox to generate mirrored output.

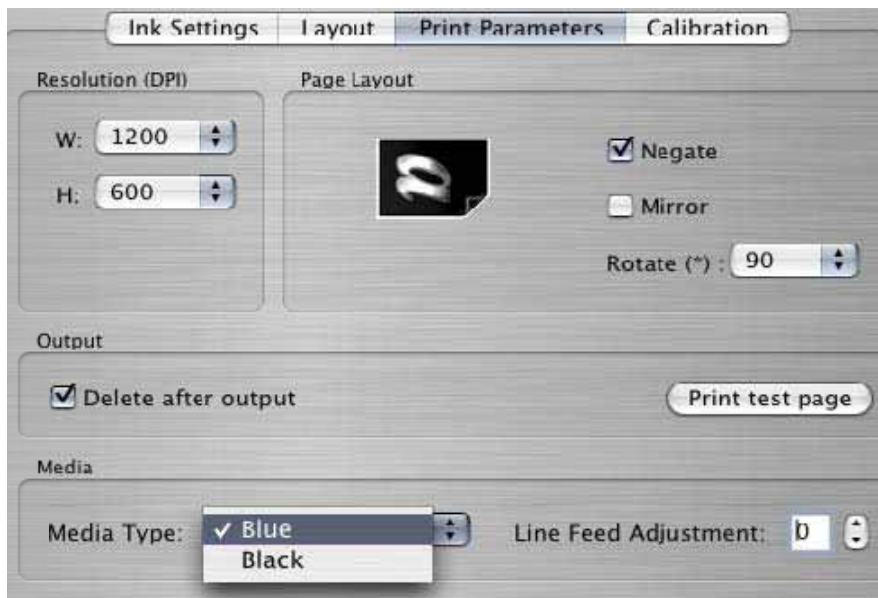
You can select **Rotate** to be 0 (no rotation) 90, 180, 270 degrees.

The  icon shows you the way your page will be printed, e.g. Negative , Mirror , etc.

The **Delete after output** option instructs the RIP to delete intermediate files after the job has been printed.

The **Media Type** drop down box presents a selection of media that are related to black or blue ribbons. Choose from “Blue” or “Black” according to your ribbon color. If an improper media is selected, the Kimosetter will not print, creating an error condition in the RIP.

The **Line Feed Adjustment** box allows you to set an adjustment value for the media type. The recommended value for Blue ribbon is 0 and -5 for Black. Black ribbon ink needs more space in the vertical direction as it blurs, so setting the vertical adjustment creates a clear output.



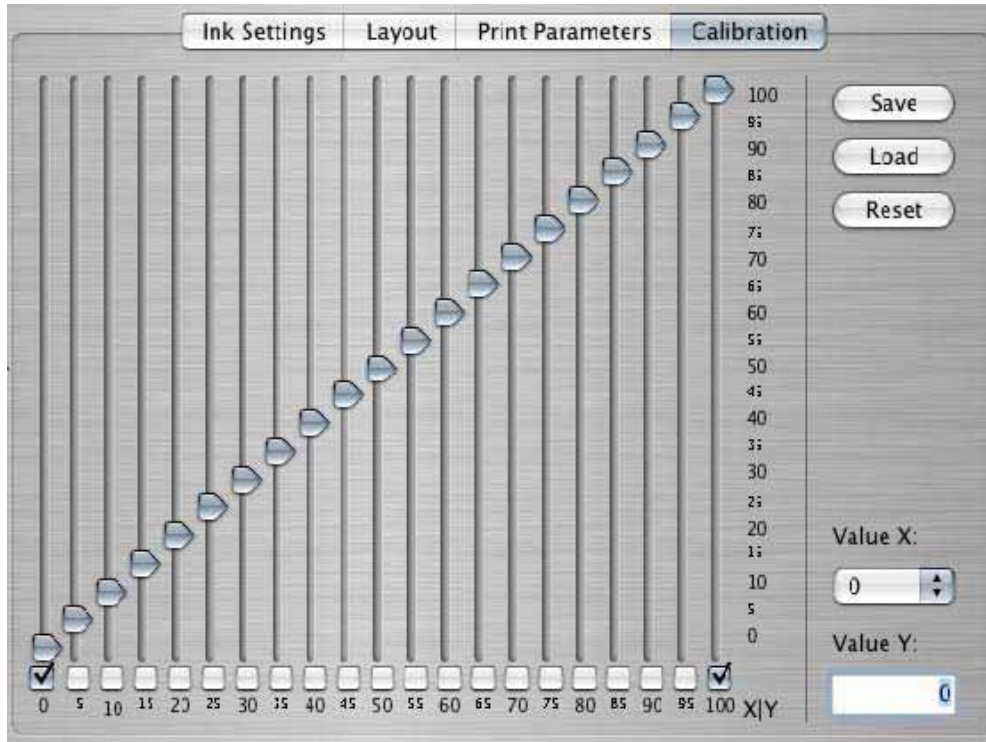
*Print Parameters*

Use the **Print test page** button to output the test page with the settings of the current queue. After you have made changes to a queue you need to *save it* before the **Print test page** button becomes available.

## CALIBRATION TAB

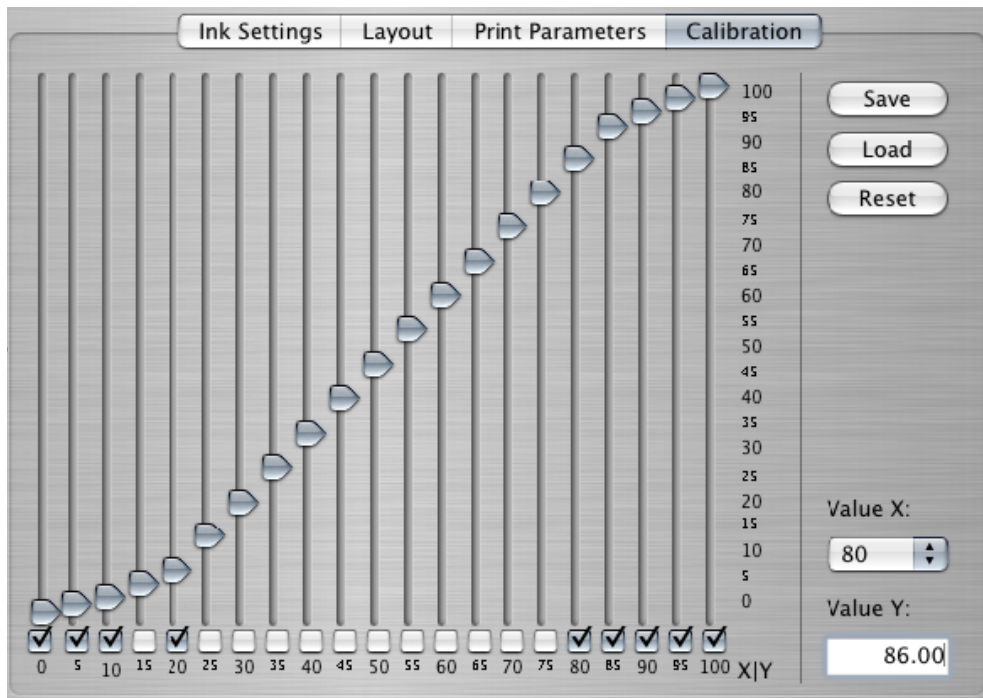
In this tab, you can create a linear (poly-line) calibration (density) curve to adjust the printed results of your Kimosetter printer.

The horizontal axis represents the input density, and the vertical axis represents the output density. The default position is a straight line at a 45-degree angle, as shown in the figure above, where input of 20% density is converted to 20% output density and so forth.



*Default Calibration curve*

To edit the curve, drag any of the sliders to the density point you want to achieve. The checkmark automatically appears in the horizontal axis boxes, and the exact values of the input (X) and output (Y) are presented in the boxes to the right of the table. Other sliders adjust automatically to form a poly-line as shown in the figure below.



*Custom Calibration curve example*

You can reset the curve to default values using the **Reset** button.

You can save the custom curve in a file using the **Save** button. The curves are saved into the **/Calibration** subfolder of the KimosetterRIP application support folder (system drive/Library/Application Support/KimosetterRIP/Calibration/).

You can load a previously saved curve from the file using the **Load** button and selecting a curve file.

The adjusted curve is used in the framework of the queue as are all other settings.

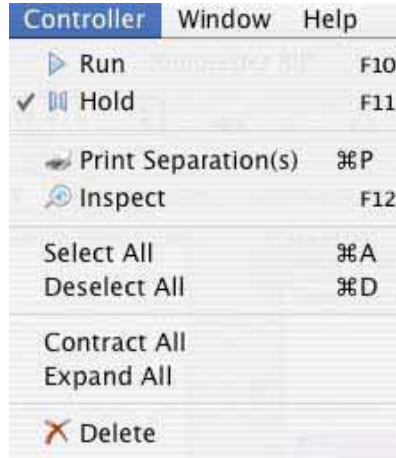
---

### 3.3. CONTROLLER

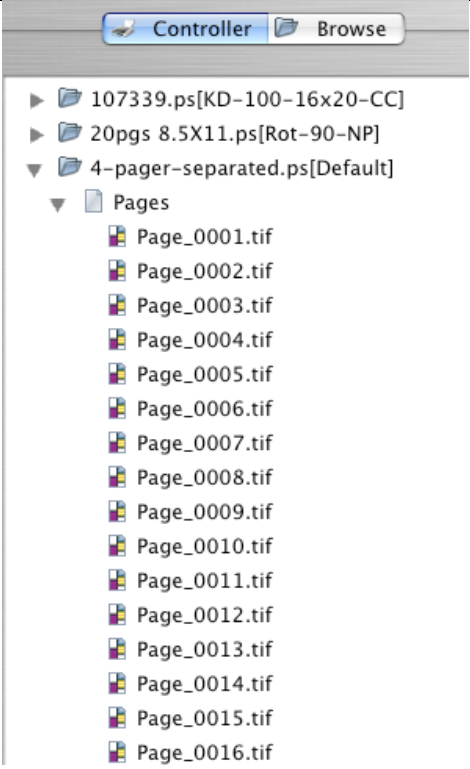
---

The **Controller** collects ripped files and displays them as a tree. You can preview, delete and send generated job separations to the printer.

The **Controller menu** gives you access to its functions as described below.



*Menu Controller*

 <p><i>Controller displays all jobs with their pages and separations</i></p>	<p>The jobs are displayed in the <b>Controller</b> as separate folders, with the names of their jobs and the name of the queue to which this job was printed, in brackets.</p> <p>These job folders are located in the “Jobs folder,” which can be selected in the RIP settings dialog (for more details, see the “RIP Settings” section in Chapter 3.1).</p> <p>The <b>Grayscale</b> devices will instruct the RIP to create grayscale page(s) from a composite job or output separations from a job pre-separated in your application. <b>Controller</b> then collects all separations of the job’s pages in the job’s subfolder with the name “Pages”.</p> <p>The <b>Separated</b> device will instruct the RIP to separate data, and <b>Controller</b> will collect the separations in the job’s subfolders for each page, e.g. “Page 1,” “Page 2,” etc.</p>
--	--


At the bottom of the RIP window, you can see the status line, which shows the job path name if a job is selected in the **Controller**, as well as its total separations count. When you select the **Pages** item of a job, the status line shows the corresponding path name and total separations count. When you select an individual separation, the status line displays the path to its file.

Press the **Refresh**  button on the toolbar to update the tree with the most recent jobs and files.

---

## HOLD


---

This function (and the  button on the toolbar) holds the ripped jobs from output. They will be stored in the **Controller** for manual printing to the Kimosetter device.

---

## RUN


---

This function (and the  button on the toolbar) enables the **Controller** to run jobs from ripping to output in automated mode. The jobs that are already present in the **Controller** still require manual printing. You can select all of them and send to output manually before setting the **Run** mode.

---

## PRINT SEPARATION(S)

---

Use this menu or the  button on the toolbar to send a separation, page, job or a number of selected items to output from the **Controller** to the printer.


The separations are created in .tiff format and contain only the page(s) data. The layout information is not applied at this point. Layout is performed at printing time.

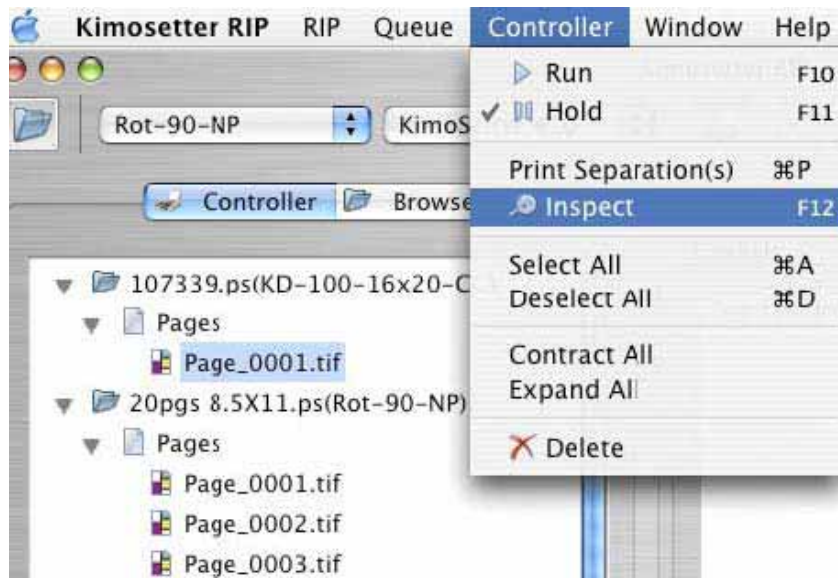
**Important!** The printing settings such as layout, rotation, etc., will be used from the **queue** selected in the drop down list on the RIP toolbar. Before printing a job from the Controller, you can change these settings to create the desired output.

---

## INSPECT

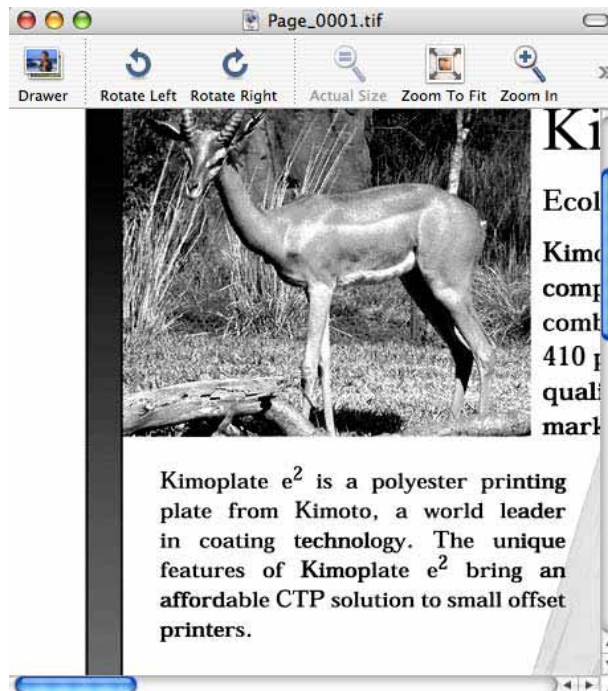
---

To examine a separation, first click on the separation name to select it and then press the  button on the toolbar, or select the **/Controller /Inspect** menu item, which retrieves the default preview application in your operating system.



*Call Inspect*

The inspected plate shows in your Mac standard preview tool:



*Inspected Plate*

The image is condensed vertically because the vertical resolution is two times less than the horizontal one and the default viewer does not adjust the image in the ways a program such as Photoshop would. Knowing where the ripped pages are located (in the Rip Jobs folder), you can preview the .tif files with any available viewer.

---

#### SELECT ALL

---

Use this item to select all jobs with all of their separations in the **Controller**.

---

#### DESELECT ALL

---

Use this item to deselect all jobs with all of their separations in the **Controller**.

---

#### CONTRACT ALL

---

Use this item to contract the jobs view in **Controller** so it shows only jobs names. Pages and separations are hidden. The setting is saved and applied every time the **Controller** refreshes.

---

#### EXPAND ALL


---

Use this item to expand the jobs view in **Controller** so it shows jobs names, their pages and separations in pages. The setting is saved and applied every time the **Controller** refreshes.

---

#### DELETE

---

You can delete a separation, a page or a whole job. First click on the item to select it or **Select All** and then press the  button on the toolbar.

You will be prompted to confirm the operation.

---

#### 3.4. HELP

---

This menu displays this User Guide as a PDF file.

## APPENDIX 1

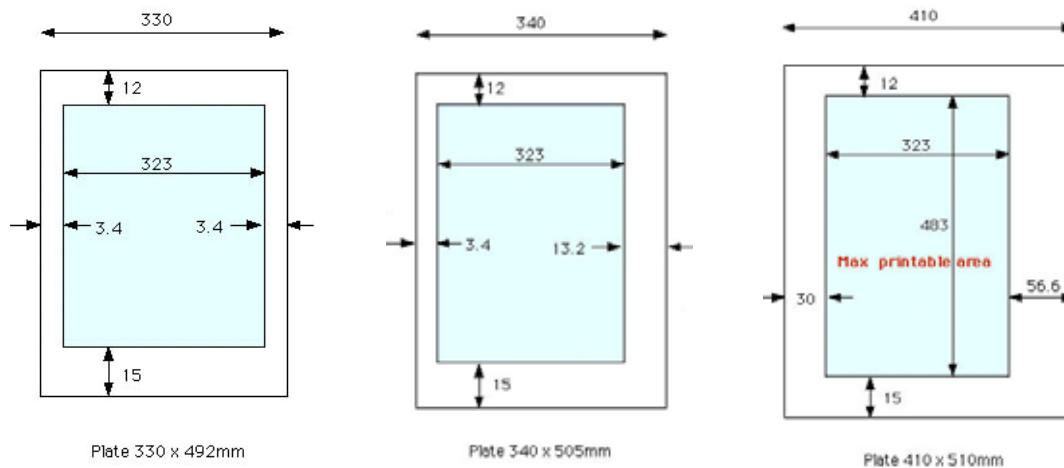
---

### PRINTABLE AREAS

---

The printable area is the area on media where the output is placed. The Kimosetter devices have margins depending on the device model as described below.

The maximum plate size for Kimosetter 340 is 340x505mm. Kimosetter 410 is capable of allowing plates wider than 340mm through sliding the Feed Guide R. The maximum plate size for Kimosetter 410 is 410x510mm.



**Kimosetter 340**

- A: Top margin — 12 mm.
- B: Bottom margin — 15 mm.
- C: Left margin — 3.4 mm.
- D: Right margin — 3.4 mm.

**Note:**

The Right margin is specifically: 8.4 mm for the media size 335 x 485 mm, and 13.4 mm for the media size 340 x 505 mm.

**Kimosetter 340i**

- A: Top margin — 13 mm.
- B: Bottom margin — 15 mm.
- C: Left margin — 3.4 mm.
- D: Right margin — 3.4 mm.

**Kimosetter 410**

- A: Top margin — 12 mm.
- B: Bottom margin - 15 mm.
- C: Left margin — 3.4 mm.
- D: Right margin — 3.4 mm.

With Feed guide "R" at left-most position:

media size	left margin	right margin
330*492 mm	3.4 mm	3.4 mm
335*485 mm	3.4 mm	8.2 mm
340*505 mm	3.4 mm	13.2 mm

With Feed guide "R" at right-most position"

media size	left margin	Right margin
370*450 mm	30 mm	16.6 mm
400*467 mm	30 mm	46.6 mm
404*483 mm	30 mm	50.6 mm
405*483 mm	30 mm	51.6 mm
400*510 mm	30 mm	46.6 mm
410*510 mm	30 mm	56.6 mm

## APPENDIX 2

---

### POSITIONING

---

The examples below show how to use centering options with offsets to place your images on the media plates.

Offset values are applied to the center of the image, which is set according to the centering options, or to the left upper corner of the image if the no-center option is selected.

OffsetW>0 shifts right;

OffsetW<0 shifts left;

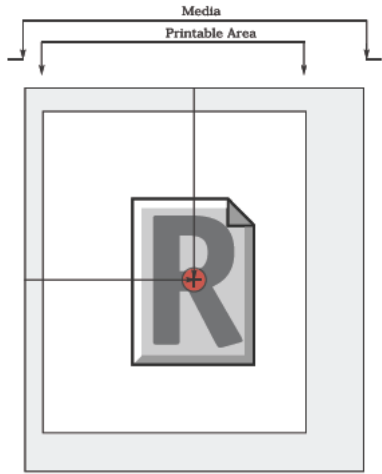
OffsetH>0 shifts down;

OffsetH<0 shifts up.

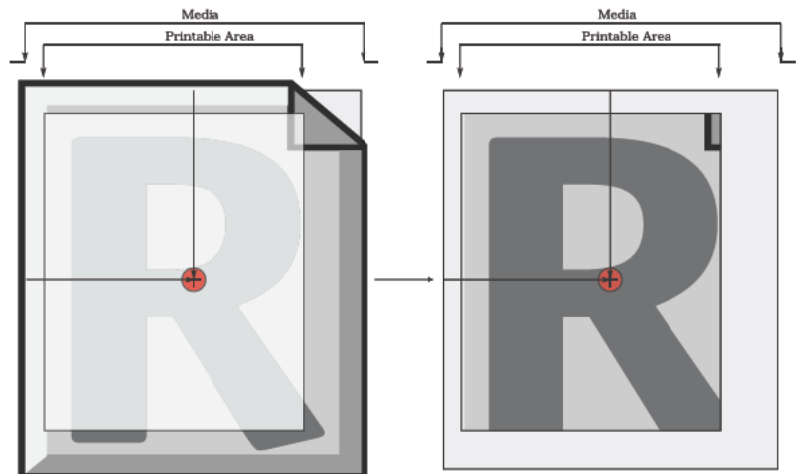
The part of the image outside of the printable area will be cropped.



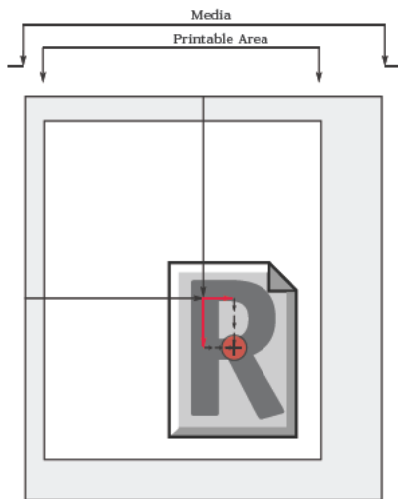
**1. CenterW / Center H ( ) — The center of an image is placed at the center of the media.**



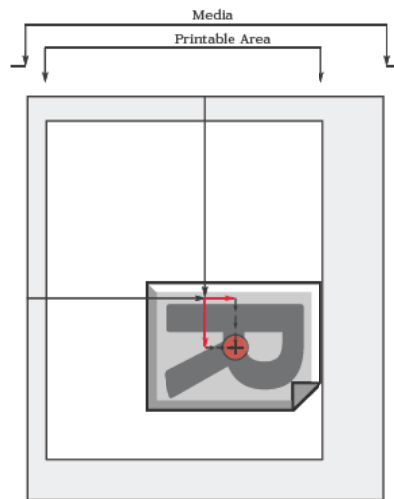
*a) Image size smaller than the printable area size.  
OffsetW=OffsetH=0*



*b) Image size is equal or greater than the printable area.  
OffsetW=OffsetH=0. Output is cropped.*



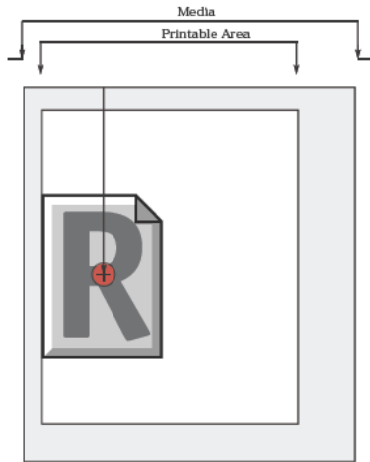
*c) OffsetW>0 and OffsetH>0 are applied to the centered image*



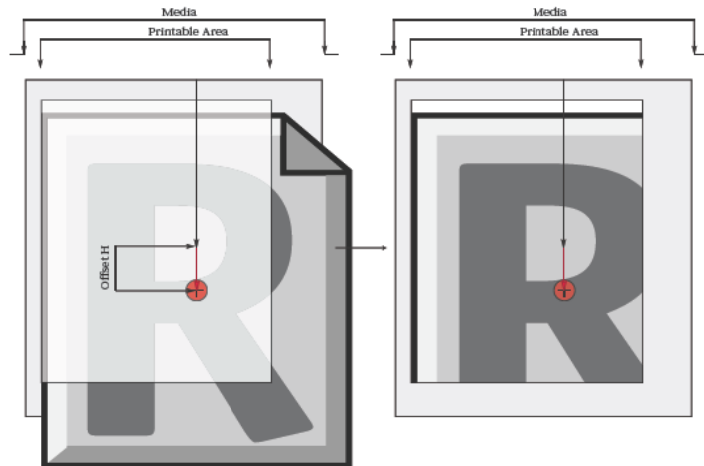
*d) OffsetW>0 and OffsetH>0 are applied to the image, which was rotated by 90 and centered*



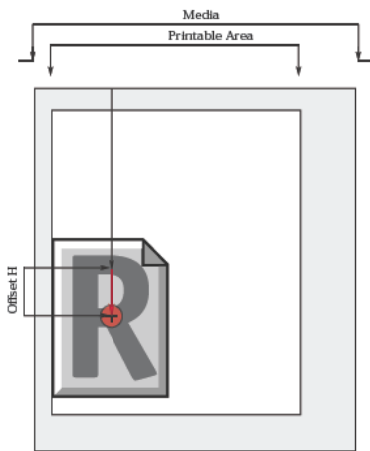
2. Center vertically at the left ( ). The center of an image is placed at the horizontal center line of the media, and the image starts at the left margin.



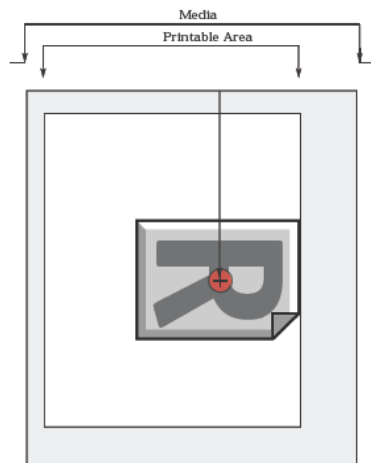
a) Center image vertically at the left.  $OffsetW=OffsetH=0$



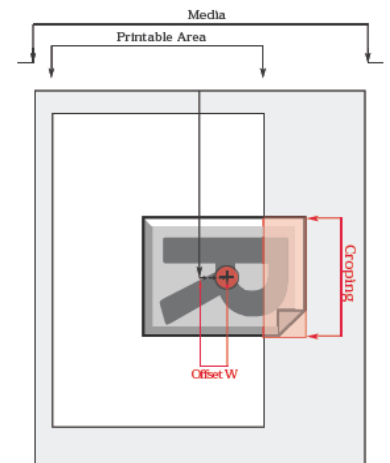
b) Center image vertically at the left.  $OffsetW=0, OffsetH>0$ .  
Output is cropped.



c) Center image vertically at the left.  $OffsetW=0, OffsetH>0$



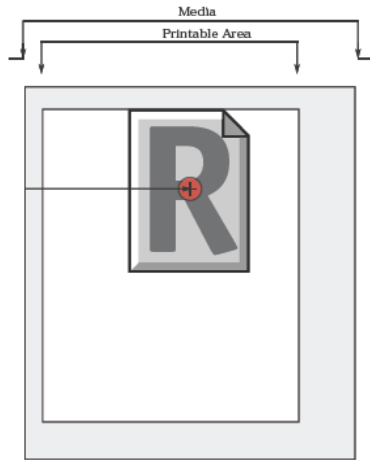
d) Vertically image rotated by 90 at the left results in the position of the image top at the top of the rotated plate.  
 $OffsetW=OffsetH=0$



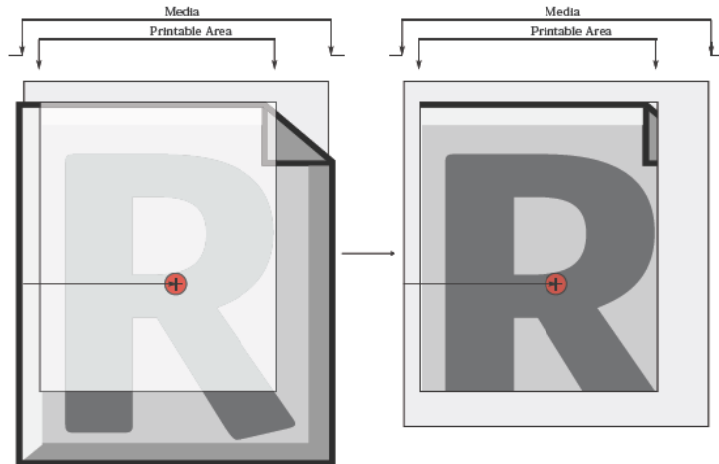
e) Vertically image rotated by 90.  $OffsetW>0, OffsetH=0$ .  
Output is cropped.



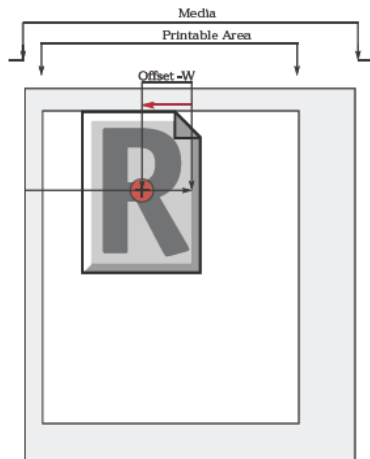
3. Center horizontally at the top ( ). The center of an image is placed at the vertical center line of the media, and the image starts at the top margin.



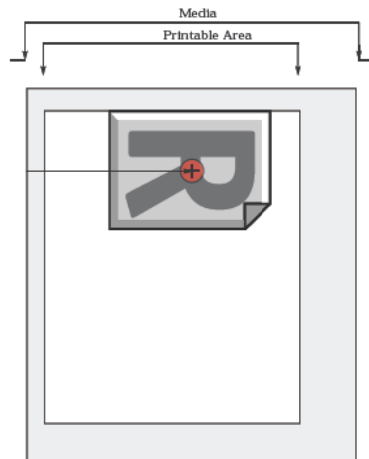
a) Center image horizontally at the top.  $\text{OffsetW}=\text{OffsetH}=0$



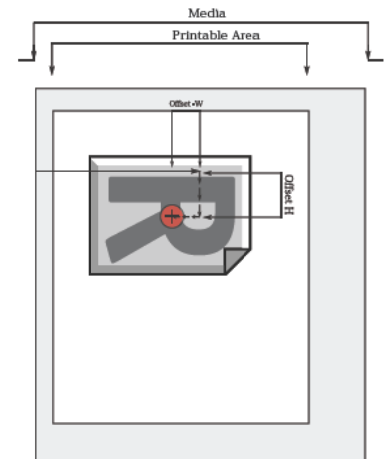
b) Center image horizontally at the top.  $\text{OffsetW}=\text{OffsetH}=0$ .  
Output is cropped.



c) Center image horizontally at the top.  $\text{OffsetW}<0, \text{OffsetH}=0$



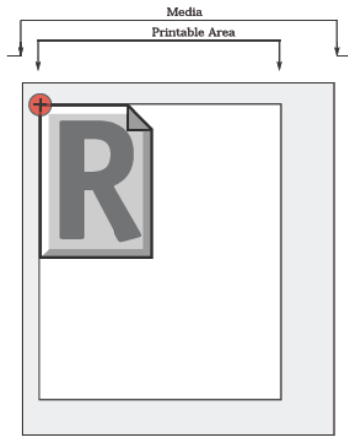
d) Horizontally image rotated by 90.  
 $\text{OffsetW}=0, \text{OffsetH}=0$



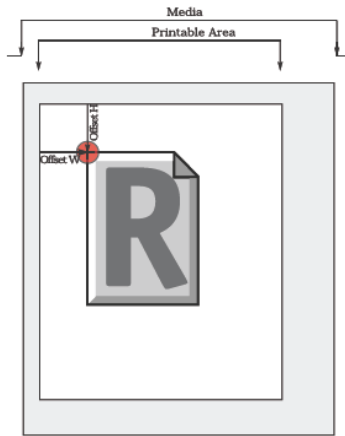
e) Horizontally image rotated by 90.  
 $\text{OffsetW}<0, \text{OffsetH}>0$



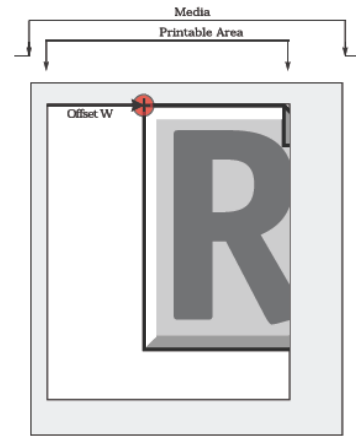
**4. No Centering ( ).** The upper left corner of an image is placed at the upper left corner of the printable area.



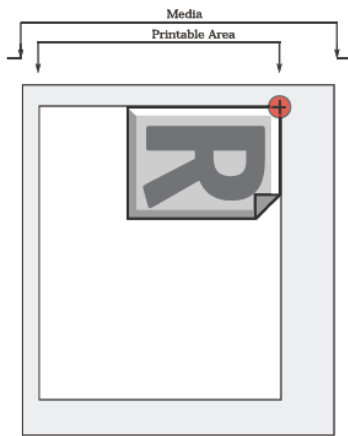
a) No Centering



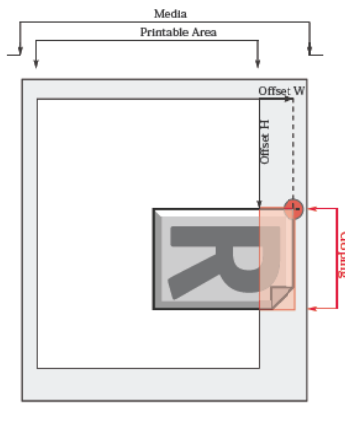
b)  $OffsetW > 0$ ,  $OffsetH > 0$  applied to the upper left corner of the image.



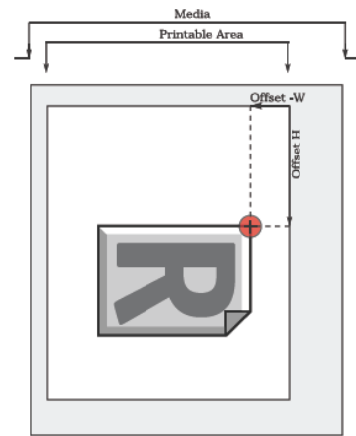
c)  $OffsetW > 0$ ,  $OffsetH = 0$  applied to the upper left corner of the image. Output is cropped.



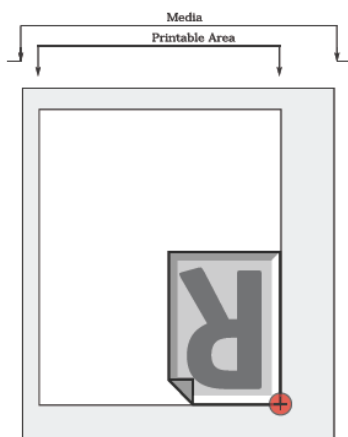
d) Image rotated by 90.  $OffsetW = 0$ ,  $OffsetH = 0$



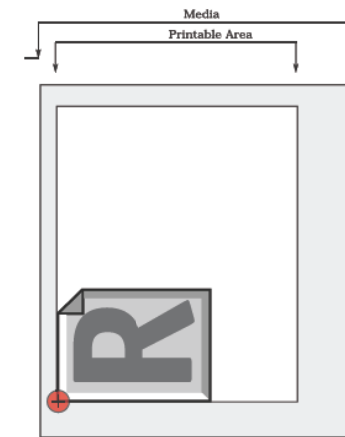
e) Image rotated by 90.  $OffsetW > 0$ ,  $OffsetH > 0$ . Output is cropped.



f) Image rotated by 90.  $OffsetW < 0$ ,  $OffsetH > 0$ .



g) Image rotated by 180.  $OffsetW = 0$ ,  $OffsetH = 0$



h) Image rotated by 270.  $OffsetW = 0$ ,  $OffsetH = 0$

## APPENDIX 3

---

### PREPARING TO PRINT FROM AN APPLICATION (ILLUSTRATOR EXAMPLE)

---

Printing from applications widely varies, as do the programs themselves. The basic procedure requires selecting the published virtual printer from the Printer selection option, selecting the appropriate Kimosetter PPD and choosing relevant settings for the type of job being printed.

**Please note:** Application positioning options combined with RIP positioning options may produce unexpected results. The application positioning will be applied during the ripping process and the RIP positioning is applied during the printing process, which can result in double positioning.

Below is a sample screen shot that shows one of many ways this can be done.

Generally, there are no special instructions for printing from Illustrator. The jobs are prepared and printed in the same way you typically print jobs. There is, however, one major difference. Don't be confused when previewing the output page to KimosetterRIP with PPD files.

When a page is done, and you select the Print menu option, the printing dialog will show you the general settings similar to the picture below.

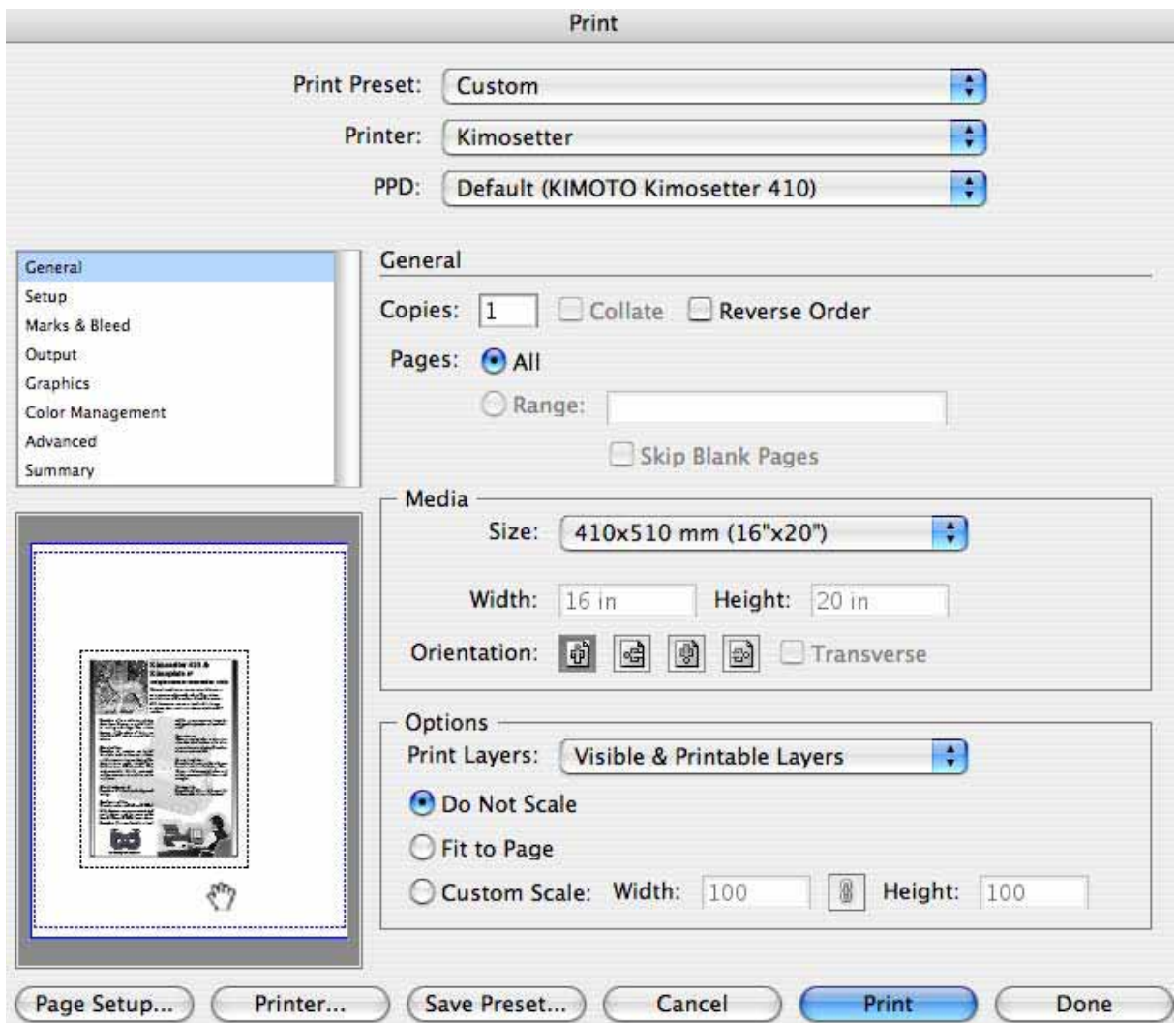
You must set Kimosetter Printer and an appropriate PPD file in the corresponding boxes, as well as the size from the available selection list.

**Note:** The exact media size values are presented in millimeters. In inches, the values are rounded to integers. However, the actual size is accurate.

In the preview, the larger box will show the printable area of the media (see Appendix 1), which is effectively the size of the selected plate **without the margins** and the internal box will show the actual page placed on the printable area.

In other words, the upper left corner of the larger box will start printing at the upper left corner of the printable area on the media plate. The preview in this dialog is, in this aspect, different from what you will have printed out because it shows margins differently.

Be sure to run a test output to ensure that the job correctly prints.



*Example printing from Illustrator*

## APPENDIX 4

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### TROUBLESHOOTING (PERMISSIONS)

---

#### GENERAL PERMISSIONS

---

Installing the RIP on your Mac you should have the following **rights for the User running the application**.

If your RIP does not start when you click on its name, it is likely that you lack accurate access rights or user permissions.

The Owner of the RIP and its user should be: User: root Group: admin, where 'root' and "system" are synonyms.

The section below describes the correct rights and permissions in the form of the Terminal utility output.

Please consult your system administrator or help desk for more details.

The RIP parts are installed into several folders on the Mac system. The application itself resides in the standard ***"/Applications/KimosetterRIP.app"***. Access rights are "read, write, execute" for the user and his group and "read, execute" for others:

```
drwxrwxr-x root admin KimosetterRIP
```

The location ***"/Library/Application Support/KimosetterRIP"*** contains the RIP support applications and folders. Access right to this folder should be "read, write, execute" (rwxrwxrwx) for everybody - user, group and others.

Inside this folder:

```
drwxrwxr-x root admin DongleReport.app - MUST be executable
```

```
drwxrwxr-x root admin DongleUpdater.app - MUST be executable
```

```
drwxrwxr-x root admin KimosetterRIPUninstaller.app - MUST be executable
```

```
drwxrwxrwx root admin Queues - MUST be writable
```

```
drwxrwxr-x root admin Calibration
```

```
drwxrwxr-x root admin Data
```

```
drwxrwxr-x root admin Documentation
```

```
drwxrwxr-x root admin Language
```

```
drwxrwxr-x root admin PPDs
```

```
drwxrwxr-x root admin Resources
```

drwxrwxr-x root admin Thresholds

-rwxrwxr-x root admin kimoprnaddc - MUST be executable

-rwxrwxr-x root admin kimoprnremc - MUST be executable

-rwxrwxr-x root admin kimostarter - MUST be executable

-rwxrwxr-x root admin kimoupsc - MUST be executable

-rwxrwxr-x root admin runkimostarter - MUST be executable

-rwxrwxr-x root admin stopkimostarter - MUST be executable

The folder “*/usr/local/lib*” contains the following RIP dynamic libraries and their permissions settings should be:

-rwxr-xr-x root wheel libKimoGS.A.dylib

-rwxr-xr-x root wheel libTiff2prt.A.dylib

-rwxr-xr-x root wheel libusb-0.1.4.4.4.dylib

-rwxr-xr-x root wheel libusb-0.1.4.dylib

-rwxr-xr-x root wheel libusb.dylib

-rwxr-xr-x root wheel libusbpp-0.1.4.4.4.dylib

-rwxr-xr-x root wheel libusbpp-0.1.4.dylib

-rwxr-xr-x root wheel libusbpp.dylib

The folder “*/Library/Frameworks/*” contains the following RIP frameworks and their permissions settings should be:

drwxrwxr-x root admin kimoGhostscript.framework

drwxrwxr-x root admin SuperPro32.framework

drwxrwxr-x root admin Sentinel.framework

## PRINTER CREATED IN THE RIP IS NOT PRESENT IN THE SYSTEM PRINTERS

---

In this is the case, it is likely that the RIP user doesn't have sufficient rights to create a printer. The easy way to test if this is the case is to start **Safari** and enter the URL: <http://localhost:631>

It will then open the web interface page for managing several administrator items, including virtual printers. The **Add Printer** button at the bottom of the page should be available for the user with correct rights. If this button is not available, then the user has no rights and needs to contact his system administrator to ask for appropriate assignment.

If you have any questions regarding the Kimosetter RIP please visit [www.myKimosetter.com](http://www.myKimosetter.com)



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