KIMOTO

KIMOSETTER RIP

USER GUIDE (FOR WINDOWS XP AND VISTA)

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CONTENTS

CHAPTER 1

INTRODUCTION

1.1. SYSTEM REQUIREMENTS

The Kimosetter RIP is designed to run on Windows XP professional, 2003 server, and Vista.
To install the RIP you must have administrative rights.

Minimum requirements:
_____

CPU speed: 400 MHz

Memory: 512 Mb for Windows XP, 1 GB for Vista

USB Bus

Recommended requirements:
_____

CPU speed: > 500 MHz

Memory: 1 GB

USB Bus

Network: Ethernet (adaptor or built-in)

For Vista users: To install the RIP, the user should have full administrative rights. To run the RIP, it should be started, "As administrator."

CHAPTER 2

GETTING STARTED

2.1. INSTALLATION

To install the Kimosetter RIP, run the setup program KimosetterRIP_x.x.x-Win.exe and follow the instructions.

> **For Vista users:** The standard system User account control dialog prompt reads: allow run an unidentified program that wants access to the computer. Click "Allow" to proceed with installation.

During installation, you will be prompted to enter the RIP folder and the folder for RIP jobs, ripping to **Controller** (see more details in sections 3.1 Rip Settings, and 3.3). The final message suggests that you download and install the free Adobe PS driver from the Web site: http://www.luciddream.com/KimosetterRIP.html . The page contains links to the Adobe PS driver in a variety of language interfaces. If you wish to print to the KimosetterRIP from your applications, you must install a PS printer driver on your system.

The benefit of the Adobe PS driver compared with a standard Microsoft PostScript driver (for instance, HP Color LaserJet 4550 PS) is that with the Adobe driver, you'll be able to setup KimosetterRIP PPD files and have custom plate sizes in the selectable list. Please see more details about printing from applications in the corresponding manual sections and Appendixes.

> **For Vista users:** Use the standard system HP PS driver. The Adobe PS driver will not run on Vista.

Additionally, an application called ServiceManager will be installed, which allows the use of Lucid dongle for protection purposes instead of the soft license tied to the printer's serial number. While using this application you will be able to examine the dongle's presence and status. An activation program must be run on the computer with *"SafeNet"* dongles to enable work. *"SecuTech UniKey"* dongles do not require an activation program.

When the installer completes, you can continue the printer driver installation. The driver is not currently digitally signed, and, for this reason, Windows Device Wizard will not automatically install such drivers. The pictures below show the actions you need to take to install the printer device. In different operating systems (XP, 2003 server, etc.), this procedure is slightly different but quite similar.

If the Device Wizard does not open automatically, you can open it by right-clicking on the **My Computer** icon and selecting *Manage* from a pop-up menu. Then select the *Device Manager* section in the left panel. The printer device will be visible and marked by a yellow question mark. Right click on it to open the

properties tab and select the tab to update the driver. The wizard then comes up. Plug in the printer (if it is not already plugged in) and the device installation wizard will pop up.

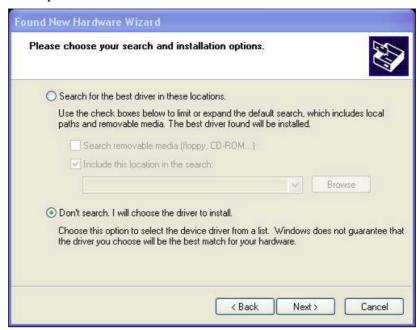Follow the options in the screenshots below.

Select the "***No, not this time***" option to instruct the wizard to let you install manually:

Select "Install from a list or specified location":

Select the "**Don't search**" option:

Browse through the list and select the Kimosetter device:

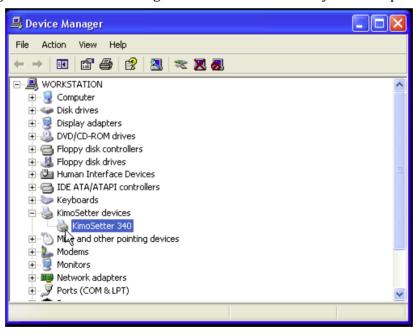Select the appropriate device driver for your printer model:

Ignore the following warning and click "*Yes*":

Click "**Finish**" to complete:

The following dialog shows the Device Manager window with a correctly installed printer device:

Restart is not required, but you can restart for safety:

2.2 PREPARING TO PRINT FROM AN APPLICATION

Once the RIP is installed, you can make it available to print directly from applications on your computer. The following steps should be implemented first. Once you have taken these steps, you are ready to create virtual printers corresponding to your queues and ports.

A) CREATE YOUR QUEUES.

In the "Queues" section – Page 26 - we describe how to create queues with desired RIP settings.
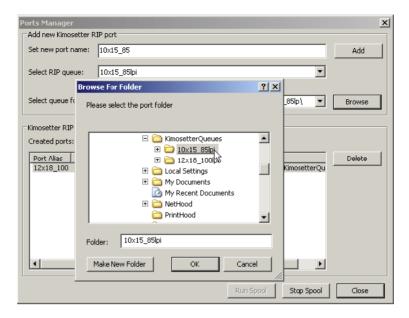
B) CREATE YOUR PORTS

Using the **Ports manager** you can define the ports representing the RIP's queues to create virtual printers on your machine.

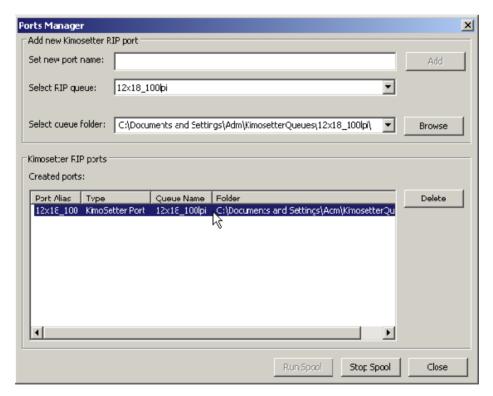Open the dialog below using the menu */RIP/Ports Manager*:

Opening Ports Manager

In the following dialog you can type in the name you have selected for the printer and choose the printer queue defined in the **Queues manager**. You can also change the queue folder if you do not like the default location. The folder will be used for temporary PostScript files created during printing to the RIP from an application.

Defining the RIP port

Click the **Add** button to create and add the port. The RIP will tell you that a new port has been created. Press **OK** and return to the RIP window.

Created RIP port

Created ports are listed in the table. If you don't need a port, select it and hit **Delete**.

The queue folder will be the **spool folder** for the selected queue. The buttons *Stop spool* and *Run spool* allow you to start and stop monitoring the selected spool folder for a queue.

For Vista users: Due to OS restrictions in user rights, the RIP cannot start automatically when you print from an application. The spool folder allows you to save jobs to it for ripping.

Note: It is possible that within your operating system display preferences the look of the following dialogs might be slightly different from the given screenshots. Rest assured that the content is the same, and you can easily find the buttons and selections in your layouts.

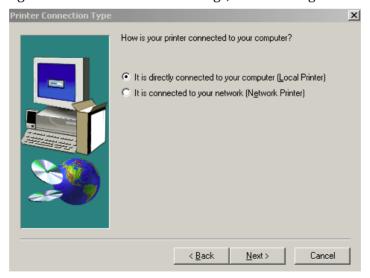**For Vista users:** Use the standard system HP driver. The Adobe PS driver will not yet run under Vista.

INSTALLING THE PRINTER WITH ADOBE PS DRIVER

Open the folder that contains the Adobe installer. In most cases this will be the "winsteng" application which is the driver installer with English interface located in
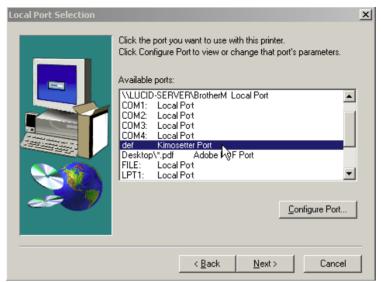
My Computer/Hard Disk Drive/KimosetterRIP/winsteng

Double click on the *Setup* icon and allow the installer to run:

After reading and accepting the first two installation dialogs, the following window appears.
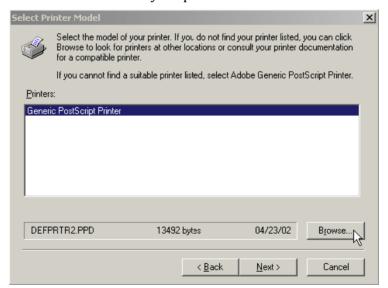

Click **Next** to continue.

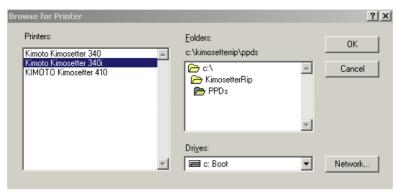The following window presents all available printer ports. Select the port with the name you have chosen from the earlier steps and hit *Next*.
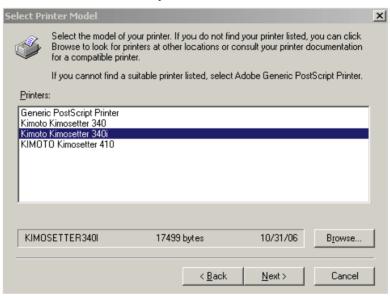

In the next window you can select the PPD for your printer from the Kimosetter PPD files:

Locate the PPD files in the KimosetterRIP installation subfolder:

The resulting dialog shows found PPD files and your selection.

Click **Next** to continue.

The following dialog prompts you to enter the printer name and define other options.

Note: If you want to print a test page, then you should select the correct page size in the printer's configuration according to the page size in the RIP queue. We recommend not to print a test page at this point.

Hit **Next** and make your printer selection. Follow the prompts in the windows and then hit **Install**.

In most cases you do not need to reboot after every printer's installation.

2.3. LICENSING

The Kimosetter RIP is protected by a license.

The hardware key (dongle) was shipped to you with the Kimosetter.

UniKey, Lucid Dream, and Kimoto dongles are "plug and play" devices and do not require activation software.

SafeNet keys however require a small program to run and activate the dongle. The dongle activation software is located on the software CD that was shipped to you. Locate the license file labeled "FEXXXXIE" on your CD, and then double click on the file to install the license. Once the updater window pops up twice the license is successfully installed.

Important! Earlier versions of the RIP used a soft license key. If you have a soft license key you can enter it on the RIP -> License window.

Examples of hardware key

**Important! Connect the dongle to a USB port on your computer.
THE HARDWARE KEY MUST BE CONNECTED TO THE COMPUTER AND
SHOULD NOT BE REMOVED AFTER INSTALLATION.**

You can check the license status at any time from the menu **/RIP**:

The dialog showing installed license looks like this:

License dialog, installed license

If the dongle is not connected to your computer, there will be watermarks on the printed plate.
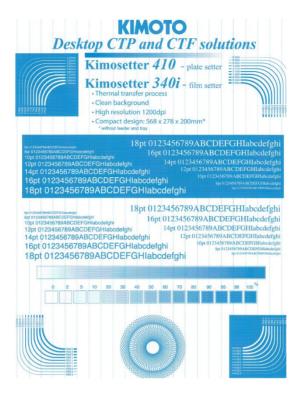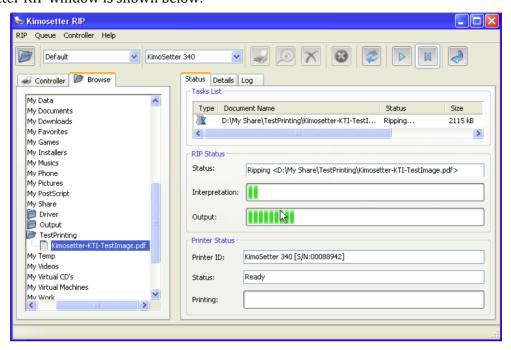

Plate with vertical watermark

For Vista users: To install the license, the user should have full administrative rights. To run the license installation file, it should be started, "As administrator."
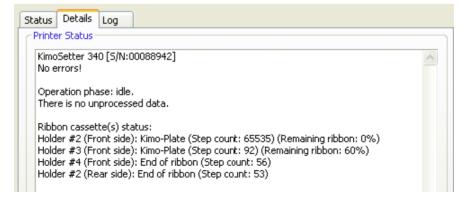
The Kimosetter RIP window is shown below:

Kimosetter RIP window. Ripping a job.

The **Controller** is a storage area for 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 ripping and printing progress and printer status. The top box displays the list of jobs pending ripping and printing.

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

Details tab

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

Log Tab

2.5. UNINSTALLING THE RIP

To uninstall the RIP, you can use the menu item from the Windows menu
/Start/ Programs/KimosetterRIP/Remove KimosetterRIP
or use the Windows standard uninstall option from the ***Control panel - Add/Remove programs***.

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

CHAPTER 3

FUNCTIONS

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

Four menus present the functions of the Kimosetter RIP.

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

3.1. RIP MENU

RIPPING AND PRINTING

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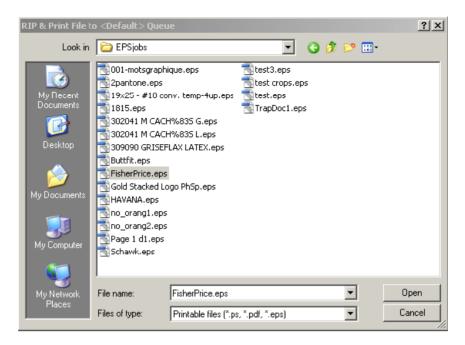

a) Rip to Controller   b) Rip and output to printer

The **RIP File** item will be displayed if the Controller setting is **Hold** , which means that the job will be ripped and saved to the Controller (see the 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** , which 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&Print File** or **Rip 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**.
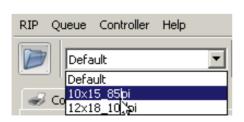
Open File to Print

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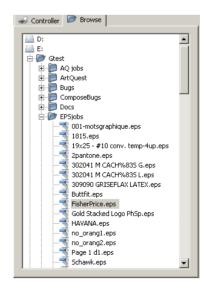
This panel is a handy way to select jobs for processing. It presents your disks in an explorer-like tree view for quick selection of a job.

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*

ABORT SELECTED TASK(S)

If you wish to abort the ripping or printing of one or more jobs, select them in the **Task List** window and select this menu item or press the 🔴 button on the toolbar.

ABORT ALL

Use this menu item to abort all running and pending jobs, ripping and printing.
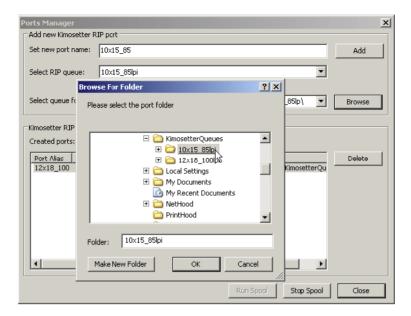
PORTS MANAGER

Using the **Ports manager** you can define the ports representing the RIP's queues to create virtual printers on your machine.

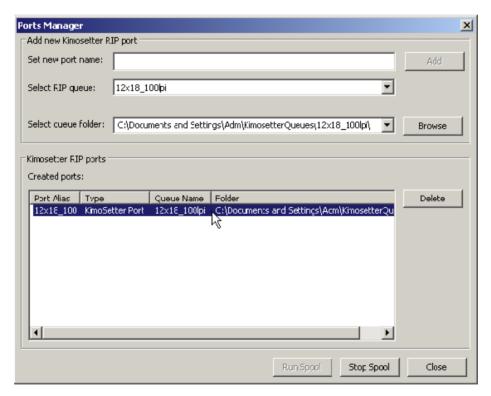Open the dialog below using the menu **/RIP/Ports Manager**:

Opening Ports Manager

In the following dialog you can type in the name you have selected for the printer and choose the printer queue defined in the **Queues manager**. You can also change the queue folder if you do not like the default location. The folder will be used for temporary PostScript files created during printing to the RIP from an application.

Defining the RIP port

Click the **Add** button to create and add the port. The RIP will tell you that a new port has been created. Press **OK** and return to the RIP window.

Created RIP port

Created ports are listed in the table. If you don't need a port, select it and hit **Delete**.

The queue folder will be the **spool folder** for the selected queue. The buttons *Stop spool* and *Run spool* allow you to start and stop monitoring the selected spool folder for a queue.

> **For Vista users**: Due to OS restrictions in user rights, the RIP cannot start automatically when you print from an application. The spool folder allows you to save jobs to it for ripping.

Read the step-by-step instruction to create a virtual printer in Chapter (Installing the printer with Adobe PS Driver).
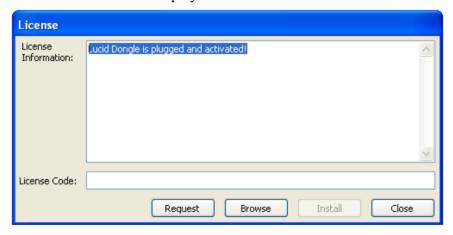
> **Note:** Once a virtual printer is installed you can print directly from applications. See Chapter 2 for more details.

LICENSE

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

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

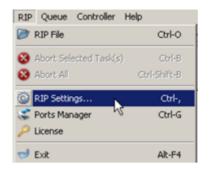Normally, the license information should display as follows:

License ON

Read more on how to install the license in section 2.3 of this manual.
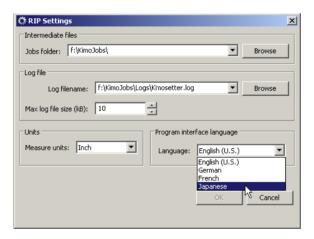
RIP SETTINGS

You can change the general RIP setting using the menu */RIP/RIP Settings...* shown below:

Opening RIP settings

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

The pathnames are initially defined during installation, but you have the right to 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.

EXIT

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

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, e.g. different screening parameters, media size, etc.

When printing a job, you can select an appropriate queue to which to print. You 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 open 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 presented in the drop down box on the toolbar.

Queues list on the RIP Toolbar

The Queue Tab

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

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

The buttons in 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.

The Queues dialog is opened from the menu **/Queue/Queues manager**. It allows you to set the parameters in the four tabs, as described below.
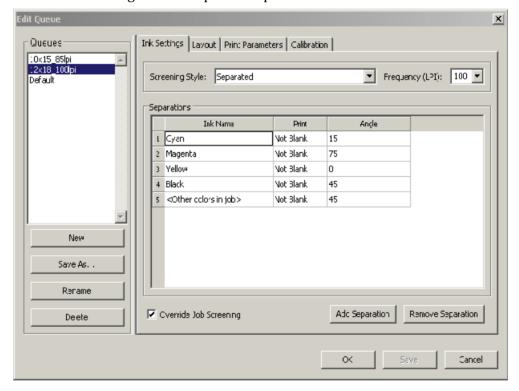
This tab allows you to control screening and output in-rip separations.

There are three options in the **Screening Style** box, which reflect the way the RIP will apply screening and generate output.

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

The picture demonstrates settings for the Separated option.

Separated option settings

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

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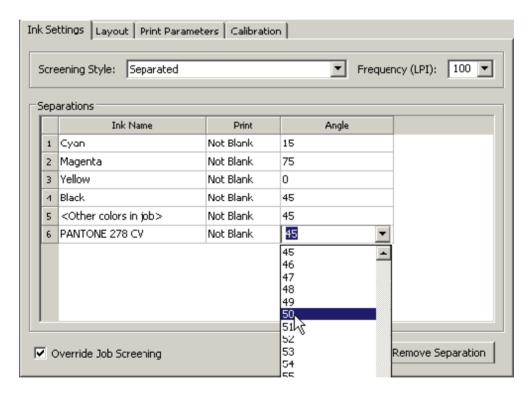
> **Note:** Edit the values in the table by entering them into the table cells.
> To save the changes, activate another cell (click on it).

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 be suitable for most of your needs. But, if, for instance, you are always printing duotone jobs, then it would be a good idea to set CMY to "No," and "K" and "Other colors in job" to Not blank.

The **Angle** column allows you to set screen angles for inks either by selecting from a drop down list or by 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. If you need different angles for specific spot inks, then you should use the Add Separation button to add this specific ink name to the table and set an angle for it.

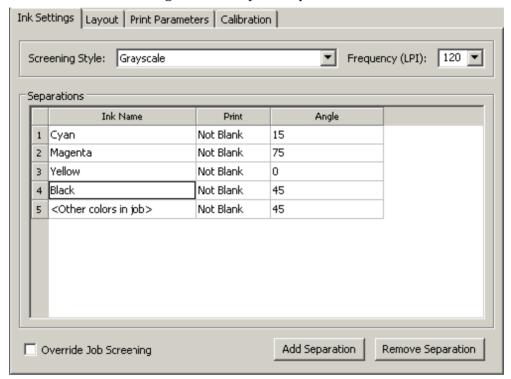*Adding a specific spot ink to the separations table and setting its screen angle*

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 by selecting No 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.
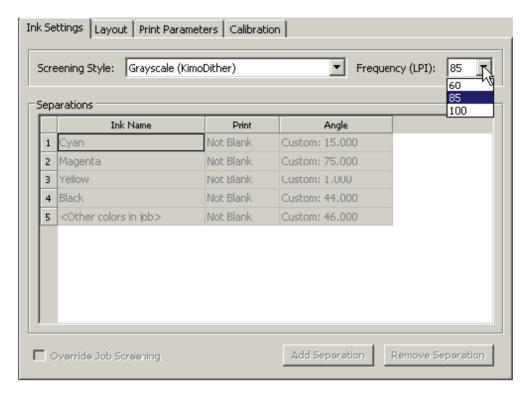
When the **Grayscale** option is selected, the RIP will output separations created in your printing application or it will create grayscale pages from your composite job. Set the screening parameters in the application and uncheck the **Override Job Screening** option to use parameters from the source 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 it applies 45 degree angles 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 the width and height values. When you select Custom from the list, the width and height boxes become active to accept your size settings.

> **For Vista Users:** The Adobe PS driver is not yet available for Vista and therefore you cannot use custom PPD files with the standard drivers available in the OS. The Custom option allows you to create custom sizes for your output and save them in the queue's parameters.

In the **Positioning** group, you can define how the page will be imaged on the media. **Appendix 1** in this manual explains the 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"

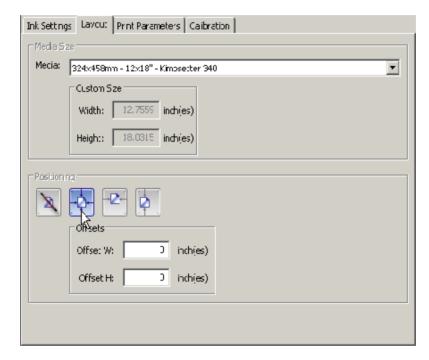Setting offsets with the centering options shifts the image as follows:

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), while the printable area size 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. Therefore, 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.

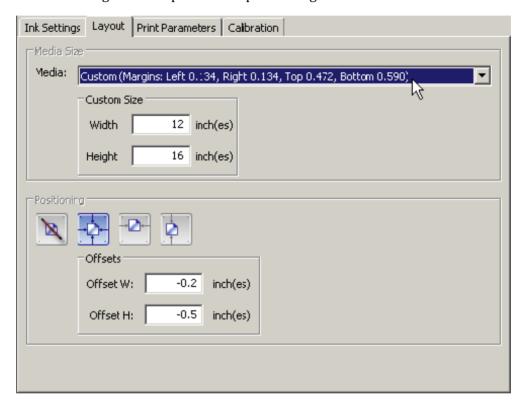***Center horizontally at the top***

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 selecting the W (horizontal) and H (vertical) resolutions from the drop down lists. Though resolution is selectable, it contains only the default settings, i.e. 1200 DPI for W and 600 DPI for H. Otherwise, the output on the plate may be stretched or compressed.
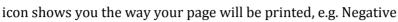
Enable the **Negate** checkbox to generate negative output.

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

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

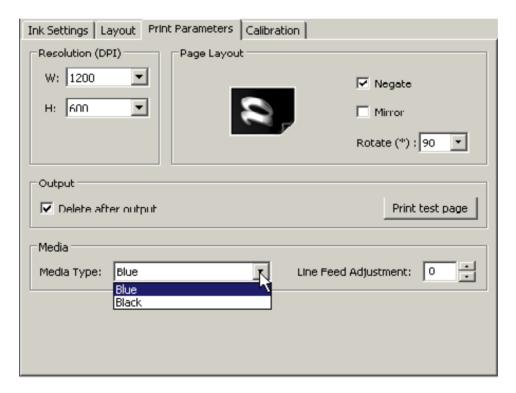The icon shows you the way your page will be printed, e.g. Negative or Mirror , etc..

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 used black or blue ribbons. Choose from "Blue" or "Black" according to your ribbon color. If improper media is selected, the black ribbon 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 for Black it is – 5. Black ribbon ink needs more space in the vertical direction as it blurs, so setting a vertical adjustment creates a clear output.
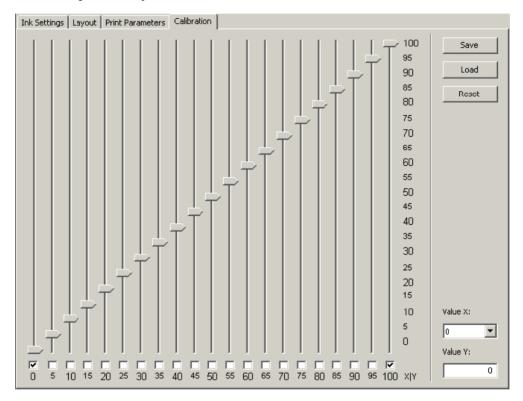
Print Parameters

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 first before the **Print test page** button becomes available.
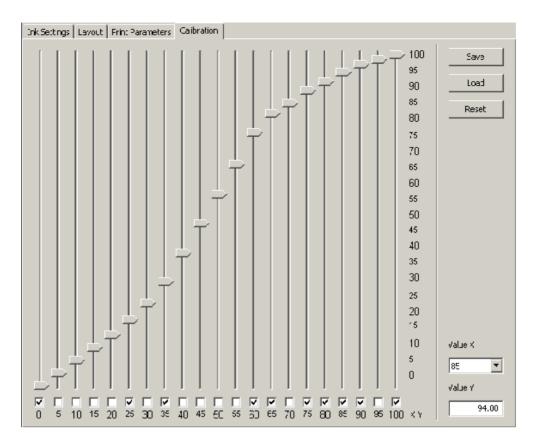
In this tab, you can create a linear (poly-line) calibration (density) curve to adjust the printed results of your Kimosetter printer.

The horizontal axis represents the input density and the vertical axis represents the output density. The default is the 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 automatically adjust to form a poly-line as shown in the figure below.

Custom Calibration curve example

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

You can save the custom curve in a file by using the **Save** button. The curves are saved by default into the **/Calibration** subfolder of the KimosetterRip application folder.
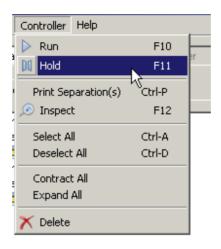
You can load a previously saved curve from the file using the **Load** button and selecting a curve file.

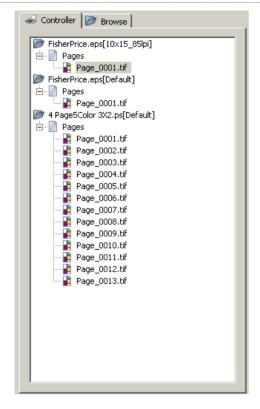The adjusted curve is used in the framework of the queue as all other settings are.

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

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

Menu Controller

Controller displays all jobs with their pages and separations

The jobs are displayed in the **Controller** as separate folders with the names of their jobs and the name of the queue to which this job was printed in brackets.

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).

The **Grayscale** 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. **Controller** then collects all separations of all of the jobs' pages in the jobs' subfolder with the name "Pages".

The **Separated** device will instruct the RIP to separate data and **Controller** will collect the separations in the job's subfolders for each page, e.g. "Page1", "Page2", etc.

At the bottom of the RIP window you can see the status line showing the job path name if a job is selected in the **Controller**, and its total separations count. When you select the **Pages** item, the status line will show 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

The Hold 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.

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 them to output manually before setting the **Run** mode.
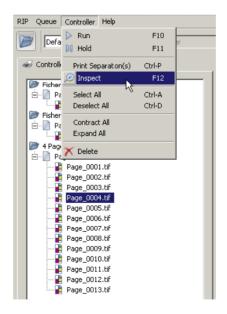
PRINT SEPARATION(S)

Use this menu or the 🖨 button on the toolbar to send a separation, a page, a 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. So, before printing a job from the Controller, you can change these settings to create the desired output.
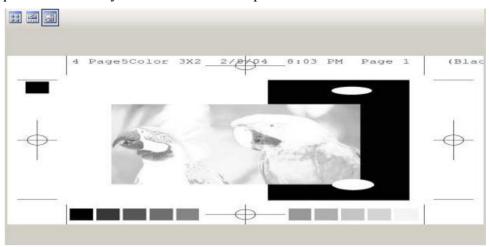
INSPECT

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

Open Inspect

The inspected plate is visible in your Windows default preview tool:

Inspected Plate

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

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 that 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 that it shows jobs' names, 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.
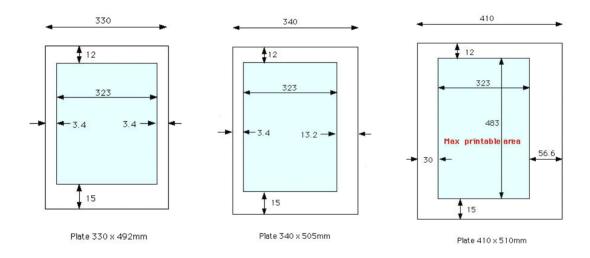
This menu opens this User Guide as a PDF file.

APPENDIX 1

PRINTABLE AREAS

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

Plate 330 x 492mm

Plate 340 x 505mm

Plate 410 x 510mm

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:
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 no-center option selected.

OffsetW>0 shifts right;

OffsetW<0 shifts left;

OffsetH>0 shifts down;
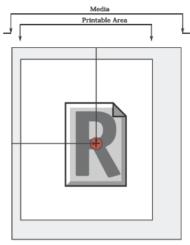
OffsetH<0 shifts up.

The image part falling outside of the printable area will be cropped.
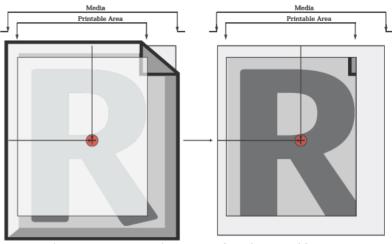
1. CenterW / Center H (**) Thec center of an image is placed at the center of the media.**
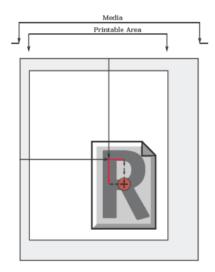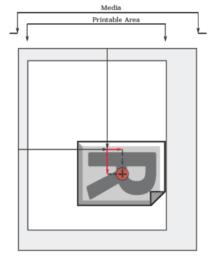
a) Image size smaller than the
printable area size.
OffsetW=OffsetH=0

b) Image size is equal or greater than the printable area.
OffsetW=OffsetH=0. Output is cropped.
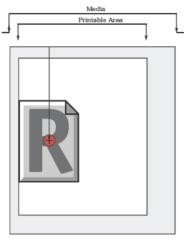
c) OffsetW>0 and OffsetH>0 are
applied to the centered image
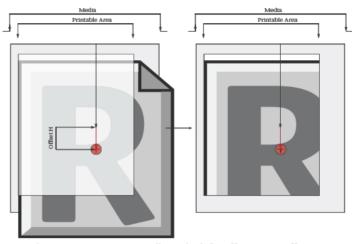
d) OffsetW>0 and OffsetH>0 are applied to the
image, which was rotated by 90 and centered
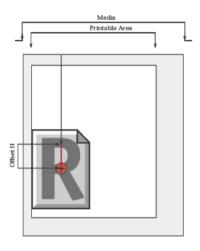
2. Center vertically at the left (**). The center of an image is placed at the horizontal center line of the media, and the image starts at the left margin.**
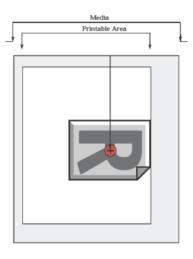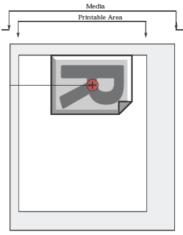

a) Center image vertically at the left. OffsetW=OffsetH=0
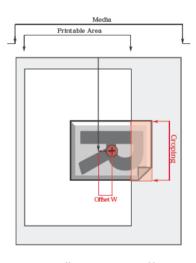
b) Center image vertically at the left. OffsetW=0, OffsetH>0. Output is cropped.

c) Center image vertically at the left. OffsetW=0, OffsetH>0
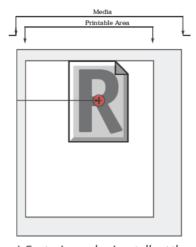
d) Vertically image rotated by 90 at the left results in the position of the image top at the top of the rotated plate. OffsetW=OffsetH=0
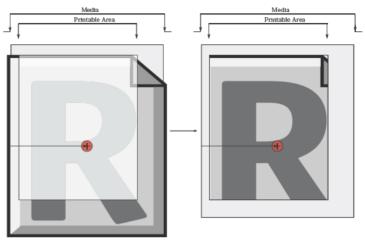
e) Vertically image rotated by 90. OffsetW>0, OffsetH=0. Output is cropped.
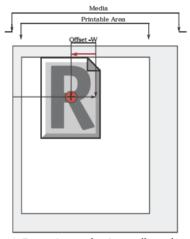
3. Center horizontally at the top ( ). The center of an image is placed at the vertical center line of the media, and the image starts at the top margin.

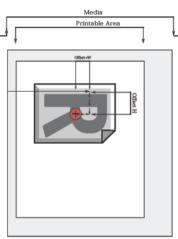a) Center image horizontally at the top. OffsetW=OffsetH=0

b) Center image horizontally at the top. OffsetW=OffsetH=0. Output is cropped.

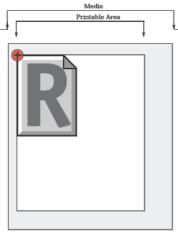c) Center image horizontally at the top. OffsetW<0, OffsetH=0
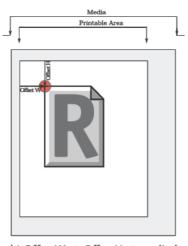
d) Horizontally image rotated by 90. OffsetW=0, OffsetH=0

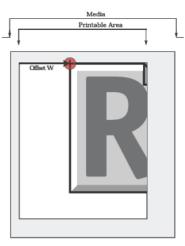e) Horizontally image rotated by 90. OffsetW<0, OffsetH>0

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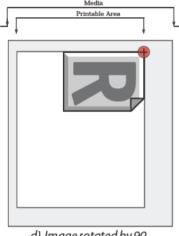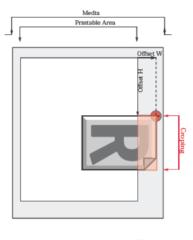
a) No Centering

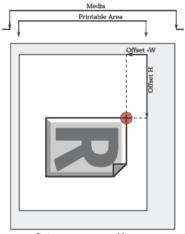b) OffsetW>0, OffsetH>0 applied to the upper left corner of the image.

c) OffsetW>0, OffsetH=0 applied to the upper left corner of the image. Output is cropped.
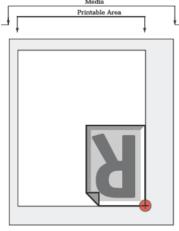
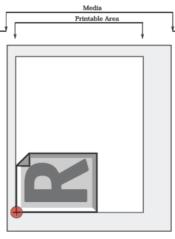d) Image rotated by 90. OffsetW=0, OffsetH=0

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

f) Image rotated by 90. OffsetW<0, OffsetH>0.
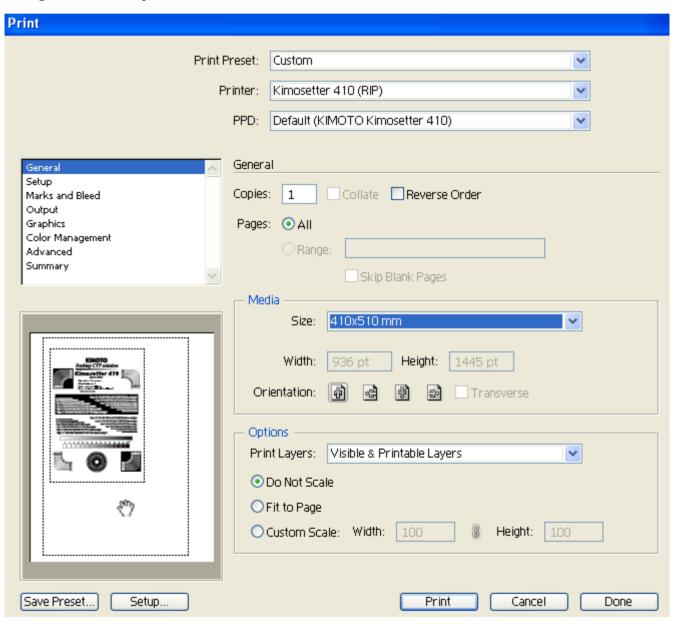
g) Image rotated by 180. OffsetW=0, OffsetH=0

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

APPENDIX 3

PRINTING FROM ILLUSTRATOR

Generally, there are no special instructions for printing from Illustrator. Jobs are prepared and printed in the same ways to which you are accustomed. But you should be aware of a difference when you preview the output page to KimosetterRIP with its 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 have to set Kimosetter Printer and an appropriate PPD file in the corresponding boxes and Media size from the available selection list.

> **Note:** The exact media size values are presented in millimeters, and when in inches are shown 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 in 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. We advise you print a test output to show that the actual print is correctly placed.