Roland

Roland COLORIP

Version 2

Quick Start Guide

Roland DG Corporation

Thank you very much for purchasing the product.

- To ensure correct and safe usage with a full understanding of this product's performance, please be sure to read through this manual completely and store it in a safe location.
- Unauthorized copying or transferral, in whole or in part, of this manual is prohibited.
- The contents of this operation manual and the specifications of this product are subject to change without notice.
- The operation manual and the product have been prepared and tested as much as possible. If you find any misprint or error, please inform us.
- Roland DG Corp. assumes no responsibility for any direct or indirect loss or damage which may occur through use of this product, regardless of any failure to perform on the part of this product.
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Part 1:
Installation and Setup

1-1 System Requirement

Although processing large image files places heavy demands on host computers, Roland COLORIP will run reliably on old and slow computers with as little as 256 MB of memory. However, this does not mean that it is a good idea to use such an old computer, because slower systems will not likely be able to provide adequate speed to drive the latest printers.

We recommend as fast computer system as possible. The principle to keep in mind is that the faster the CPU, the faster the software will process your images. Therefore, it is advisable to buy the fastest computer you can. While more RAM will also help speed up the processing, it is the speed of the CPU that directly affects how fast the software runs. If you are processing large files over 100 MB in size, it is advisable to upgrade to more than 512 MB of memory.

MINIMUM SYSTEM REQUIREMENTS

- Pentium 133 MHz CPU
- 256 MB RAM
- 2 GB Hard Drive
- Windows 2000 or XP

RECOMMENDED SYSTEM REQUIREMENTS

- Pentium 4 1.5 GHz CPU or faster
- 512 MB or more RAM
- 40 GB or larger Hard Drive
- Windows 2000 or XP

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Available Operating Systems

Although Roland COLORIP will run under Windows 2000/XP, it will not run on a Macintosh. If you use Apple computers to create your images, you can use PC-to-Mac connectivity software, such as Miramar's PC MacLAN, Thursby's Dave, or Windows 2000 Server to connect your Mac and PC over a network.

Network Connections

It has become common to connect high-end inkjet printers via ethernet. What is overlooked is that a single high-end inkjet printer can demand well over 500 kilobytes per second for long periods of time. This is a sustained data-rate that can seriously impact your network, especially if you are set up with an older 10Base-T arrangement. Data may then fail to reach your printer fast enough, causing problems such as pausing of the print head.

For network printing, we recommend the use of 100Base-TX ethernet cards that install on the PCI bus of the computer running Roland COLORIP. We also suggest the use of 100Base-TX switches (not hubs).

You should consider connecting Roland COLORIP to these printers on an isolated network with its own switch and cables, and with a dedicated network card in the computer running the Roland COLORIP software. Isolating heavy traffic will improve overall network performance.

1-2 Installing COLORIP

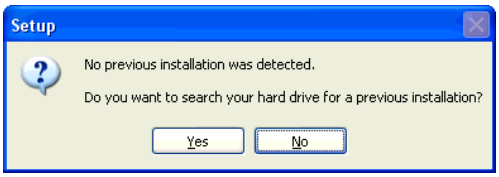
Installing COLORIP

PROCEDURE

1 Insert the Roland COLORIP CD-ROM in the appropriate CD-ROM drive.

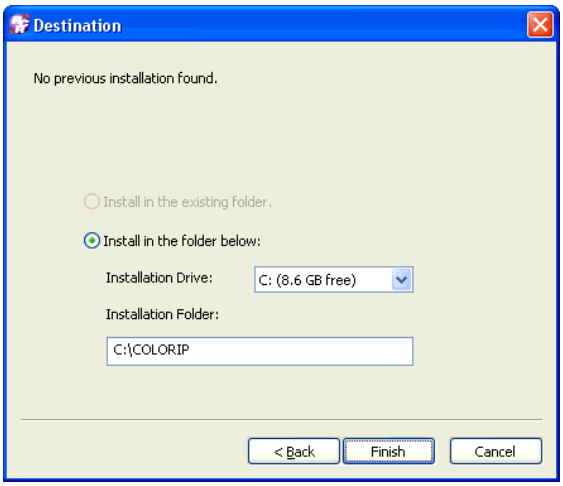
The setup menu appears automatically. Click [Install].

2 If this window appears, click [No].



3 Click [Finish].

If necessary, specify the destination drive and folder to install the software.
The program files are copied to the destination folder.



4 Click [OK].

5 Start COLORIP. Click [Start] and then click [Program] - [Roland] - [Roland COLORIP].

6 From the [Language] menu, choose the suitable language for the interface language.

1-3 Printer Connections and Settings

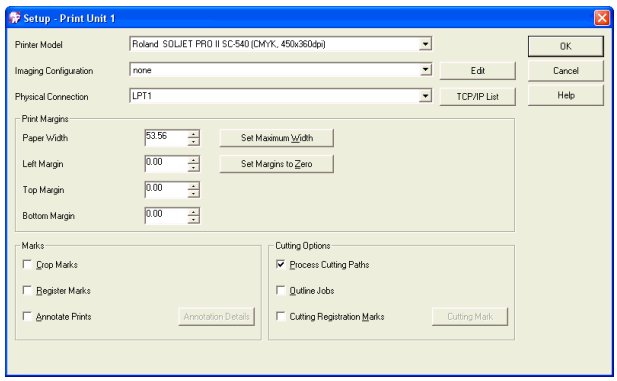
The connection method differs according to the printer model. Check the type of the connection port on the printer you're using and follow the appropriate procedure below to make the connection.

Network Connection

This is for a printer with an Ethernet network connection using 100Base-TX or the like.

PROCEDURE

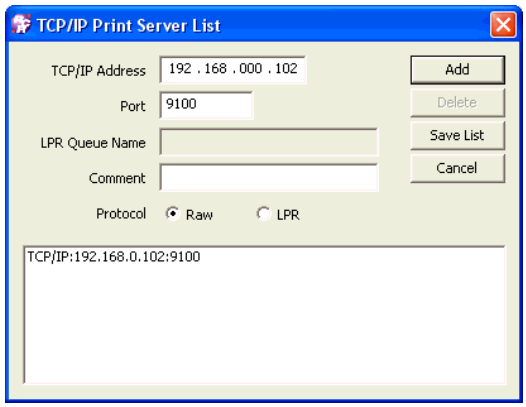
1. Finish the preparations for connection on the printer, such as assigning an IP address to the print server installed in the printer (Roland-PrintServer or the like).
2. Make sure the power to the printer is switched on.
3. Connect the printer and the computer (the RIP server) to the network.
4. At the [Print] menu, click [Setup] to display the [Setup] window.
5. Select your printer in the [Printer Model]. Select the one that does **NOT** contain "Cut Only" after the model name.



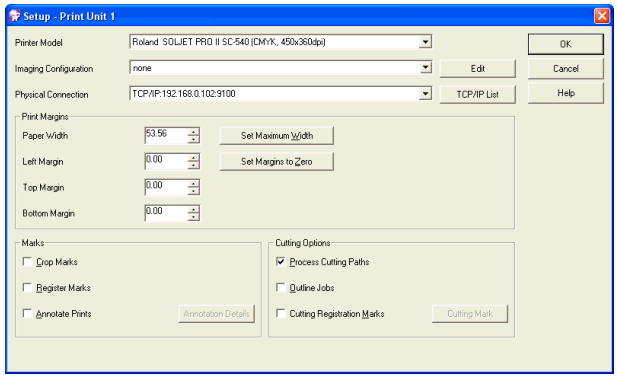
6. Click [TCP/IP List]. Here, enter the following information.

   TCP/IP address: Enter the IP address assigned to the printer (print server).
   Port: Enter "9100."
   Protocol: Select "Raw."

7. Click [Add], then click [Save List].



8. For [Physical Connection], select the IP address you entered in step 6.
9. Click [OK] to close the [Setup] window.



USB Connection

This is for a printer connected using a USB cable.

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Please note that a USB connection requires a separate Windows-based driver included with the printer.

PROCEDURE

1. Install the Windows-based driver for the printer you're using, then connect the printer and the computer using a USB cable.

   For information about how to install it, refer to the documentation for the driver included with the printer.

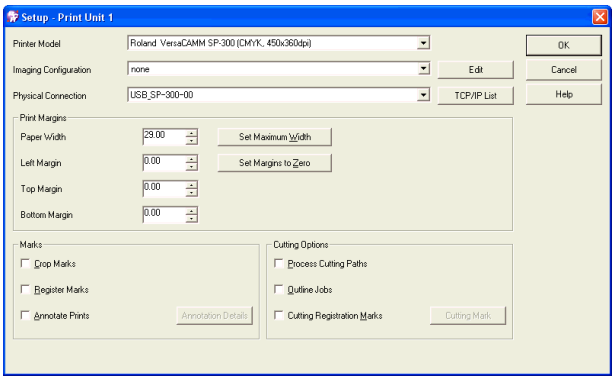
2. Make sure the power to the printer is switched on.

3. At the [Print] menu, click [Setup] to display the [Setup] window.

4. Select your printer in the [Printer Model]. Select the one that does **NOT** contain "Cut Only" after the model name.

5. For [Physical Connection], select [USB_xxxxxx-nn] (where "xxxxxx" is the printer model name and "nn" is a 2-digit number).

6. Click [OK] to close the [Setup] window.



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"LPT1" Connection

When your printer has a printer port and you select the "LPT1" for the [Physical Connection], it is possible to connect by a printer cable. However, this may cause interruptions of data-flow to the printer, which is a common cause of "banding" problems.

1-4 Setting up the Client Computer

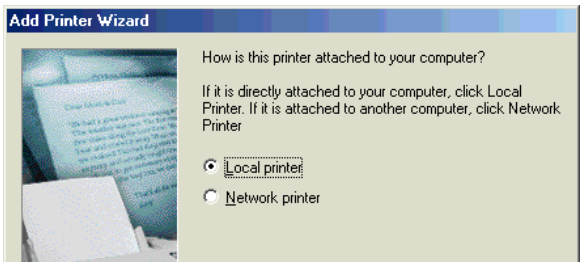
The computer for creating image files is called a client computer. It is useful for passing image files to connect the client with the RIP server (the computer which is installed the RIP software) via a network. One computer can work as the client and the RIP server at the same time.
COLORIP can handle image files such as PostScript, EPS, and Tiff. However, you need to install the PostScript driver on the client when creating PostScript files.

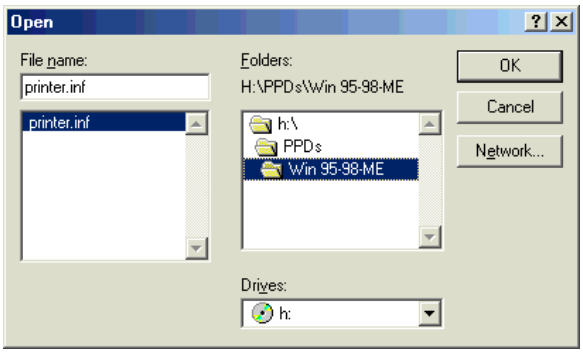
Windows Client

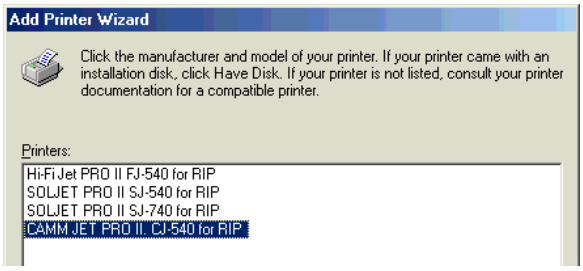
Windows 95/98/Me

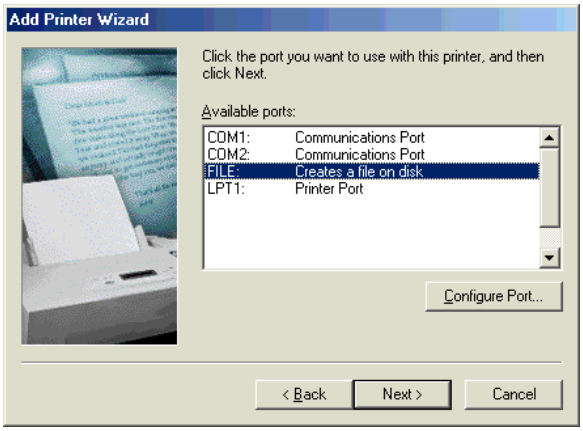
1. Insert the Roland COLORIP CD-ROM in the appropriate CD drive. Although the setup menu appears automatically, click [X] button to exit the menu.
2. Go to the [Start] menu, click [Settings] - [Printers].
3. Double-click on the [Add Printer] icon. The Add Printer Wizard will appear. Click [Next].
4. Choose [Local printer]. Click [Next].
5. Click on [Have Disk] and then [BROWSE] to the Roland COLORIP CD-ROM. On the CD there is a folder called x:\PPDs\Win95-98-ME. Click on the printer.inf file and then click on [OK], and [OK] again.
6. Choose your printer model. Click [Next].
7. On the next screen you will be asked what Port to print to. Choose [File:]. Click [Next].
8. Run through the next few steps of naming the printer and printing a test page (optional) and you will get to the screen with the button labeled [Finish]. When you click [Finish], a whirl of activity ensues as Windows copies the necessary files and installs the new printer.

You have completed the setup of a PPD on the Windows. You can now access the printer, as you would any other printer from any application on the Windows.









Windows NT/2000/XP

1 Insert the Roland COLORIP CD-ROM in the appropriate CD drive. Although the setup menu appears automatically, click [X] button to exit the menu.

2 Windows XP:

From the [Start] menu, open [Control Panel] then click [printers and Other Hardware]. Click [Printers and Faxes] and click [Add a Printer].

Windows NT4.0 or 2000:

Go to the [Start] menu, click [Settings] - [Printers]. Double-click [Add Printer] icon.

3 The Add Printer Wizard will appear. Click [Next].

4 Choose [Local printer]. Click [Next].

5 On the next screen you will be asked what Port to print to. Choose [File:]. Click [Next].

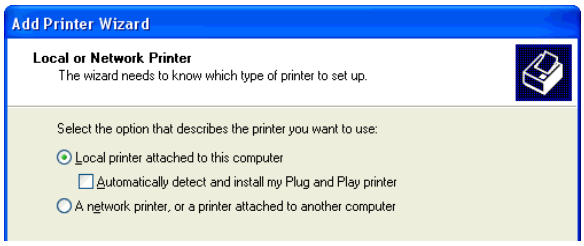
6 Click on [Have Disk] and then [BROWSE] to the Roland COLORIP CD-ROM.
On the CD, open the "x:\PPDs\WinNT4" or "x:\PPDs\Win2000-XP" folder.
Click on the printer.inf file and then click on [OK], and [OK] again.

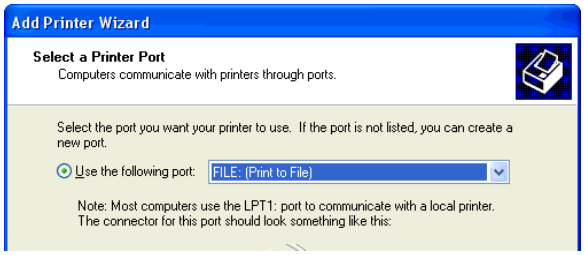
When you are using under Windows NT4.0, open the "x:\PPDs\WinNT4" folder. When you are using under Windows 2000 or XP, open the "x:\PPDs\Win2000-XP" folder.

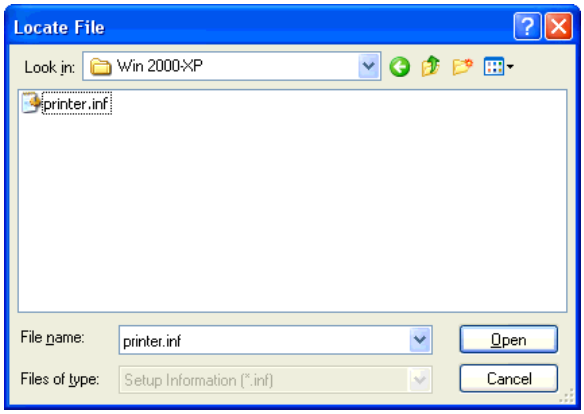
7 Choose your printer model. Click [Next].

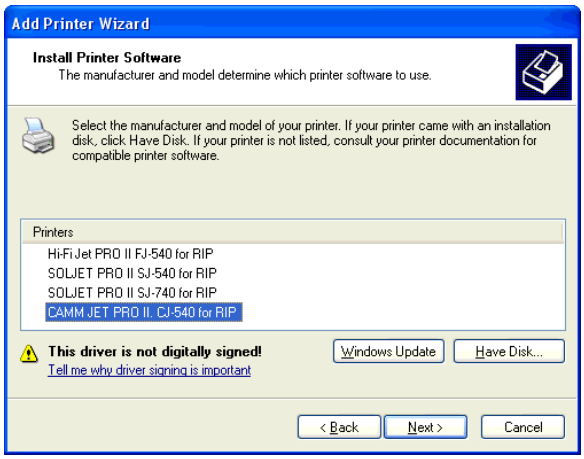
8 Run through the next few steps of naming the printer and printing a test page (optional) and you will get to the screen with the button labeled [Finish]. When you click [Finish], Windows will copy the files install the new printer.

You have completed the setup of a PPD on the Windows, you can now access the printer, as you would any other printer from any application on the Windows.









Macintosh Client

If you are using Macintosh, use the Laser Writer 8 and the like as the driver. If you specify the destination as a "File", the PostScript file is saved.
You can find PPD files for Macintosh on the Roland COLORIP CD-ROM, in the "x:\PPDs\Mac" folder,.

Part 2:
Getting Started

This part shows that the basic procedures for opening an image file into COLORIP and printing it.

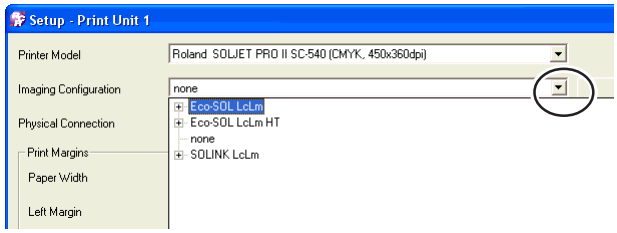
2-1 Basic Operation for Printing

Step 1: Open Image Files

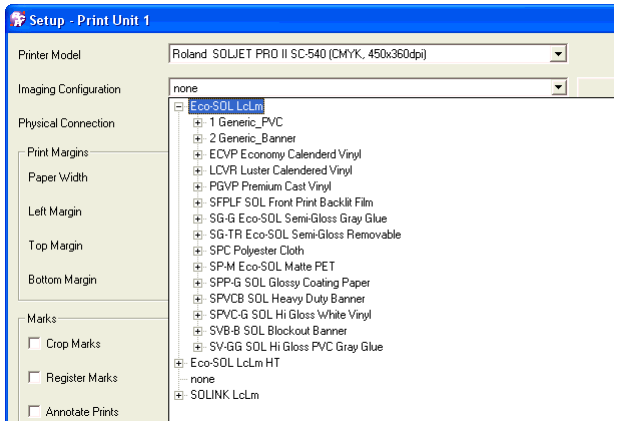
PROCEDURE

1 At the [Print] menu, click [Setup] to display the [Setup] window.

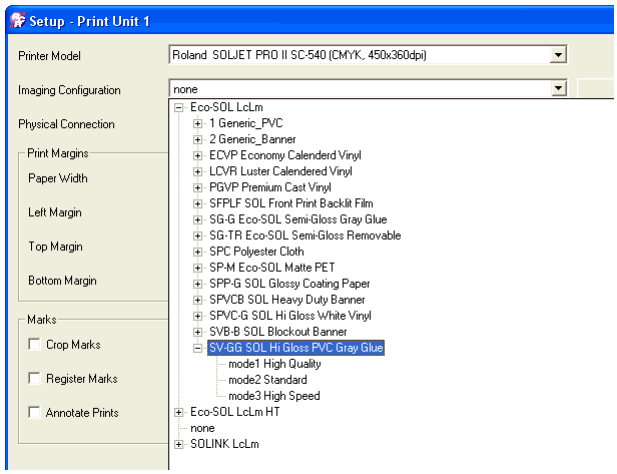
2 Click the [Imaging Configuration] box.



3 Double-click the ink type you're using.

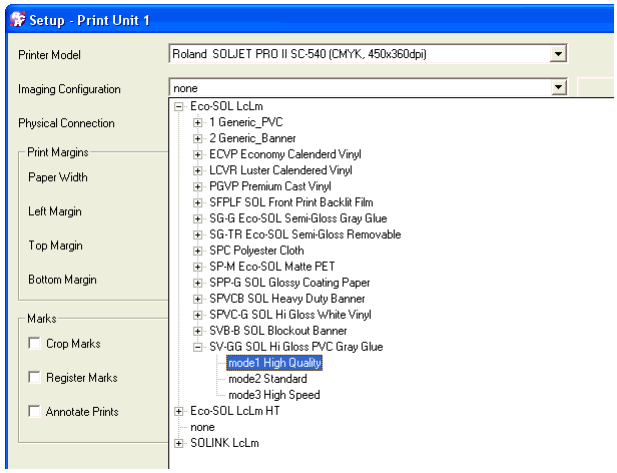


4 Double-click the media you're using.



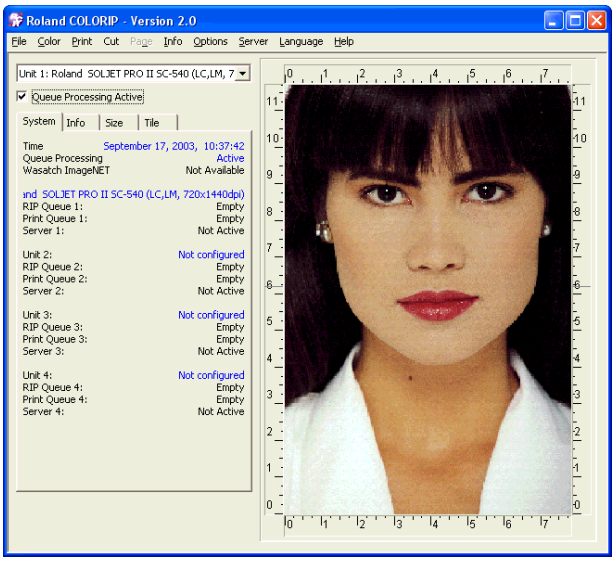
5 Finally, click the print quality to select.

6 Click [OK] to close the [Setup] window.



7 At the [File] menu, click [Open]. Choose your file from the appropriate folder and open it.

The image will appear in the large box that occupies the right side of the main screen.



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Deleting Jobs

We recommend [Imaging Configuration] is chosen after deleting all jobs. Changing a configuration without deleting all jobs may cause bad printing. For more information about deleting jobs, please refer to "Step 3: Deleting Jobs."

If the printer is equipped with a heater (printing heater), select the following for the ink type.

- **For Printing Using Heaters**
  Select an item that has "HT" at the end. In this case, a heater-compatible color profile is used.
- **For Printing Without Using Heaters**
  Select an item that does not have "HT" at the end.

Cutting Procedure

For information about detailed cutting procedures, refer to "Part 4: Contour Cutting."

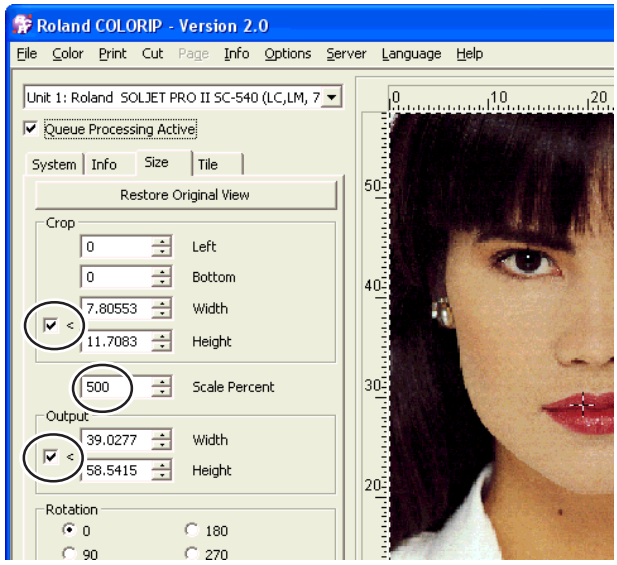
Step 2: Scaling and Printing

PROCEDURE

1 Click the [Size] tab on the left upper corner of the main screen.

2 Enlarging or reducing an image is available if needed. Check the box as shown in the figure and then enter a new value in the [Scale Percent] in percentage terms. You can also enter a new value in the [Output] directly.

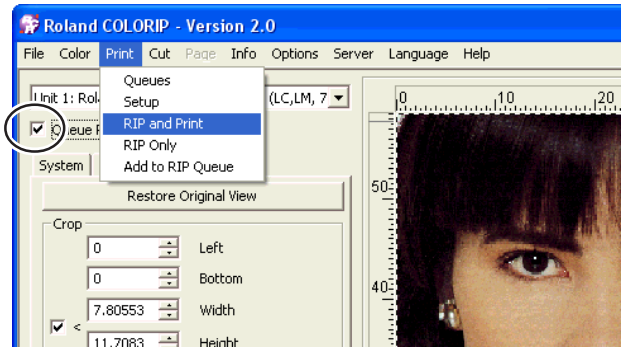
Then press [Enter] on the keyboard.



3 Make sure that the [Queue Processing Active] box in the upper left of the main screen is checked.

4 At the [Print] menu, click [RIP and Print].

RIP'ing starts, and then printing begins.



5 A [PostScript Interpreter] bar will launch on your task bar during RIP'ing, followed by a [Print Spooler] bar. Clicking on either of these bars will launch windows that provide information regarding the progress of your job.

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The unit of the Size

Inches or centimeters can be selected as the unit of the print size. From the [Options] menu, click [Inches] or [Centimeters].

Step 3: Deleting Jobs

After finishing printing, delete a job by the following procedure.
Although you can leave the job if you want to repeat the same printing, basically don't change the [Imaging Configuration] setting while having the job left.

PROCEDURE

1 At the [Print] menu, click [Queues].

The [Queues] window appears.
A list of remaining jobs is displayed. The lists are of two types: RIP Queue and Print Queue.

2 In the RIP Queue list, click the job to select it.

You can select more than one job by holding down either the [SHIFT] key or the [Ctrl] key as you click.

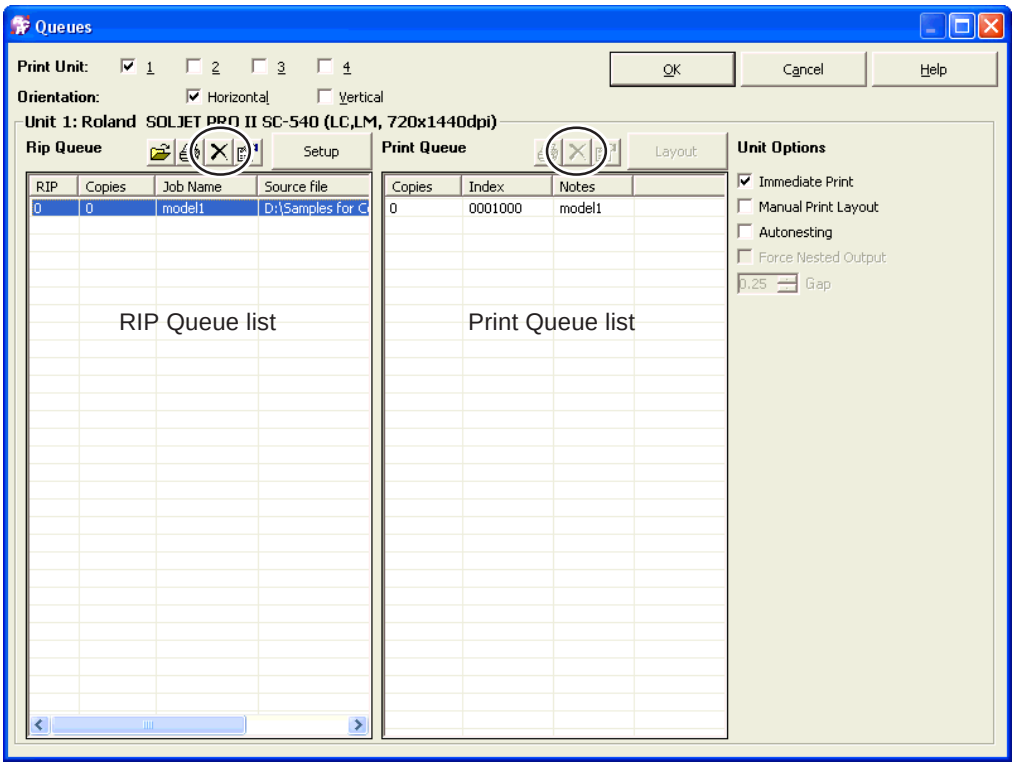
3 Click the ✕ button at the top of the RIP Queue list.

The jobs you selected are deleted.

4 In the same way, delete the jobs in the Print Queue list as well.

5 Click [OK] to close the [Queues] window.

Be sure to click [OK] here. If the window is closed by clicking [Cancel], the jobs are not deleted.



2-2 Creating Image Files

The File Formats COLORIP Supports

The file formats COLORIP supports are the following: PostScript, EPS, PDF, TIFF, JPEG and DCS 2.0.

Creating Image Files and Sending to the RIP Server

There is no special regulation for creating image files. If the program you're using supports saving files as EPS format, you can use it. Just choose the file format it supports.
To send image files to the RIP server, use Windows file sharing feature. In case of the Macintosh client, use the program such as PC MacLAN, DAVE or Windows 2000 server and the like.

In case of PostScript Files

There are few programs that can save files as PostScript format directly. In most cases, create the file through a PostScript driver. Choose the driver such as Adobe PS or LaserWriter 8 by the printer settings of your program and perform operations like normal printers.

Part 3:
Quick Manual

For more detailed information, click [Help] button on a dialog box, or click [Help subjects] from [Help] menu to refer "Roland COLORIP Online Help."

* A browsing program such as "Internet Explorer" is required to view the online help.

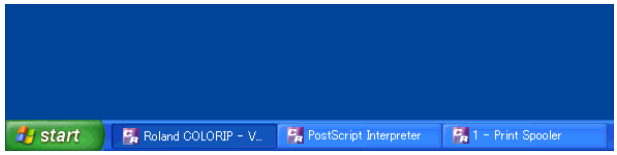
3-1 Job Operations

Stopping RIP'ing or Printing

PROCEDURE

1 Click a [PostScript Interpreter] bar or a [Print Spooler] bar launched on the task bar of Windows.

The dialog box appears.



2 Click [Cancel]. Click [Yes].

If printing has already started, perform a operation to cancel the printing on your printer.

To Re-output a Printed Job Rapidly

When printing is performed, the print job (that is, the data that has undergone RIP'ing) remains. When you want to take something that has been printed once and print it a second time, you can skip RIP'ing by outputting the remaining print job.
Note, however, that it is also possible to make the setting to automatically delete the print job after printing is finished. In this case, RIP'ing must be repeated.

PROCEDURE

1 At the [Print] menu, click [Queues].

The [Queues] window appears.

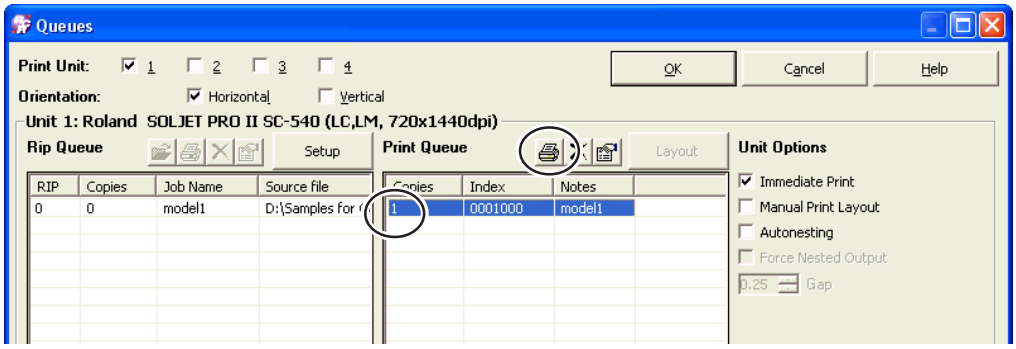
2 In the Print Queue list, click to select the job you want to print.

3 Go to the top of the Print Queue list and click the button.

The value in the [Copies] box for the list changes to "1."

4 Click [OK] to close the [Queues] window.

The job you selected is printed.



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To Print Multiple Copies of the Same Item At Once

In Step 3, click the button several times. Each time you click, the number of copies is increased by one.
If you want to discard the changes, close the [Queues] window by clicking [Cancel].

To RIP a Number of Image Files As a Group

You can open a number of image files and perform RIP'ing and printing for them as a group.

PROCEDURE

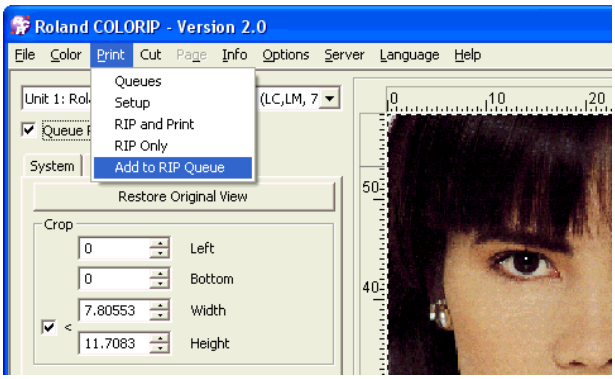
1 Display the [Setup] window, then specify the media and the print mode.

2 Open a single image file and make the settings for the size and the like as required.

3 At the [Print] menu, click [Add to RIP Queue].

The open image file is added to the RIP Queue.

4 Repeat steps 2 and 3 to add to the RIP Queue all the image files you want to process as a group.



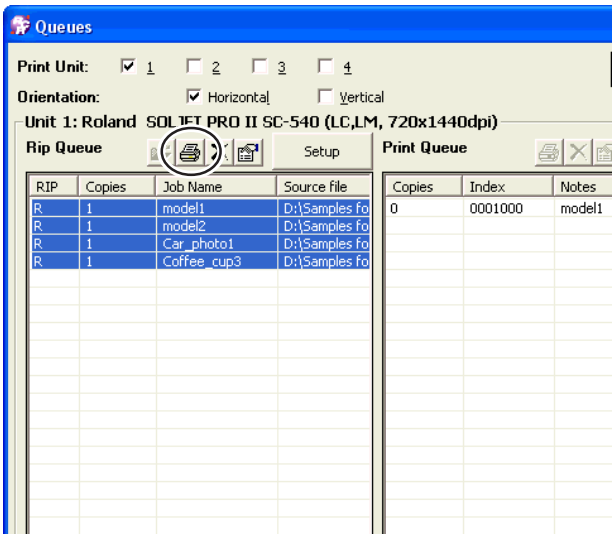
5 At the [Print] menu, click [Queues].

The [Queues] window appears.

6 In the RIP Queue list, hold down the [Crtl] key or the [Shift] key and click all the jobs you want to process as a group.

7 Click the button.

You can also specify the number of copies here. Clicking the button again, will increase the number of copies by one.
If you want to discard the changes, close the [Queues] window by clicking [Cancel].



8 Click [OK] to close the [Queues] window.

RIP'ing is performed in sequence, and the image files you selected are printed.

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Add Jobs to Queues by Dragging and Dropping

The files can be added to the RIP Queue or Print Queue directly by dragging and dropping them to the queue list.
In this case, however, scaling or trimming are not available.

Selecting Media or Print Quality

When printing several image files at one time, you are not able to select the different media or the print quality for each file.

3-2 The Detail of Job Operations ([Print] Menu)

The [Print] menu lets you carry out a wide variety of operations for jobs. This menu allows you to perform basic printing and RIP'ing, set up job parameters, monitor and change queue order, select print layout mode and other key functions.

[Print] - [RIP and Print] Menu

The simplest way to print a job is to open the file, click the [RIP and Print] from the [Print] menu. Your job will be RIP'ed and printed.

[Print] - [Rip Only] Menu

This button does what it says. The file will be RIP'ed, but not printed. After processing, the file will be added to the print queue. It can later be accessed and printed.

[Print] - [Add to RIP Queue] Menu

This option neither RIP's nor prints the job, but adds it to the RIP queue for processing later.

[Print] - [Queues] Menu

You can manage queues and jobs, perform layout for a number of jobs, and carry out other operations.

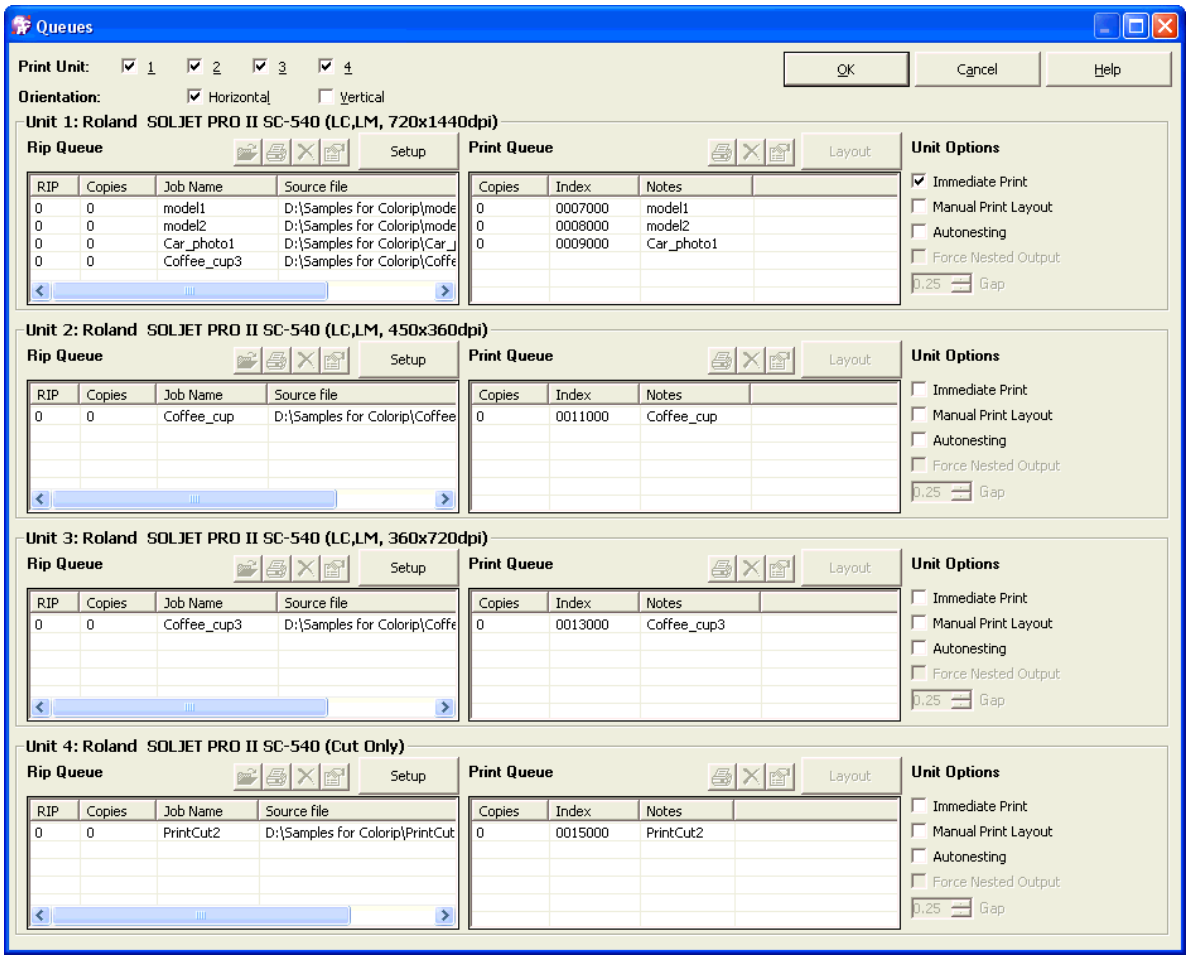
About Queues and Jobs

A job refers to data that is to undergo RIP'ing and output. Data for RIP'ing is called a "RIP job", and data for output to a printer is called a "print job." A queue is something like a container where waiting jobs are placed. The container where RIP jobs are placed is called the "RIP queue," and the one where print jobs are placed is called the "print queue."

Four Print Units

This RIP program has four sets of queues. You can manage then individually and assign separate printer settings to each one.
You can accomplish printing tasks efficiently by judiciously making selective use of the four print units. For more information, refer to "3-3 Efficient Tasks Through Selective Use of the Print Units."

Overview of the [Queues] Window



[Print Unit] Check Boxes

You select which of the four print units you want to view.

[RIP Queue] List

This displays a list of jobs for RIP'ing. Setting the [RIP] status to "R" causes RIP'ing to be carried out. Also, entering the number of copies to print in the [Copies] status box causes printing to be performed immediately after RIP'ing ends. You make the settings for these status boxes using the and buttons described later in this document.

[Print Queue] List

This is a list of the jobs that have been RIP'ed and can be printed immediately. Entering a value for the number of copies to print in the [Copies] status box causes the specified number of copies to be printed.
You make the settings for this status box using the and buttons described later in this document.

Button

Clicking this after selecting a RIP job opens the original image file. Except for being able to select the file from the RIP queue, this is identical to choosing [Open] from the [File] menu.

Button (RIP Queue)

Selecting RIP jobs, clicking this button, then clicking [OK] performs RIP'ing and printing. The number of copies is determined by the number of times you click on this button.

Button (Print Queue)

Selecting print jobs, clicking this button, then clicking [OK] prints the job. The number of copies is determined by the number of times you click on this button.

Button

Selecting jobs, clicking this button, then clicking [OK] deletes the job.

Button

Selecting jobs and clicking this display the RIP Queue editing menu or the Print Queue editing menu. Here is where you make the settings for job status and the like.

[Immediate Print] Check Box

This check box allows you to choose when the printer begins printing your job. When the box is unchecked, the printer will begin printing only after the entire file has been RIP'ed. When the box is checked, the printer will begin printing as soon as the RIP has begun generating data.
The advantage of this feature is that it can save total processing time. The disadvantage is that it can cause problems with print quality: if the RIP provides data to the printer too slowly, the printer may pause.

Point

Highlighting Multiple Queue Entries
In both the RIP Queue list and Print Queue list, limited simultaneous operations can be performed on multiple queue listings. Use [Shift] or [Ctrl] keys and click on the jobs or drag the mouse to select multiple jobs.

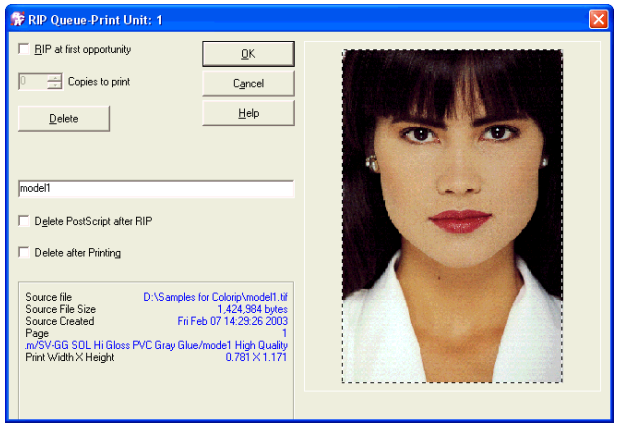
Press [OK] Before Exiting:
If you don't click on [OK] when you exit the [Queues] window (as opposed to clicking on Cancel), the changes you have made will be discarded.

Queued File Not Printing:
Files that have the number "1" or greater displayed in the [Copies] column should print in the order they are listed. If they are not printing, it may be because [Autonesting] or [Manual Print Layout] has been checked and "left on". Uncheck the appropriate box and printing should begin.

RIP Queue Editing Menu

Changing RIP status

The [RIP at first opportunity] check box in the upper left corner allows you to change the status of a waiting file, in other words, to flag a file for RIP'ing. To RIP the file, check this box and exit the menu by pressing [OK].



Selecting Number of Copies to Print

When the [RIP at first opportunity] box has been checked, the [Copies to print] box will become active. Changing the value in this window from "0" to "1" or more will cause the file to be printed directly after RIP'ing. Leaving this value at "0" will move the file automatically to the print queue, where it will be displayed with a "0" in the [Copies] column until you take further action.

Changing Job Name

By default, the unlabeled box in the RIP Queue editing menu displays an automatically assigned job name. You can change the job name by entering a new one. This feature may be useful if you expect to use the file in the future.

Deleting the Job

Click the [Delete] button to delete the job. Make sure to exit using the [OK] button, or the delete order will not take affect.

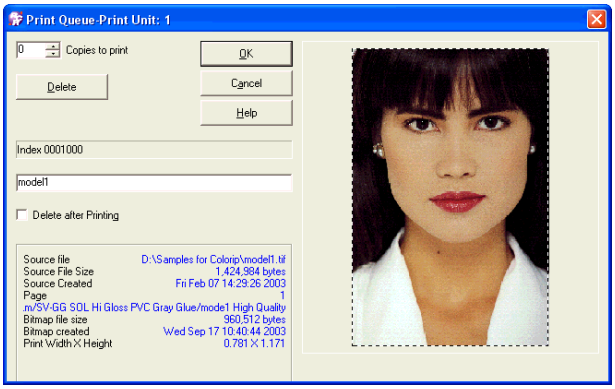
Delete after RIP'ing or Printing

Two check boxes in this menu allow you to conserve disk space when processing jobs you will not need to reprint. [Delete PostScript after RIP] removes the file after RIP'ing. [Delete after Printing] - which may be very large - removes the output files created by COLORIP.

Print Queue Editing Menu

Printing a Job

Files that have a "0" in the [Copies] column will not print until you change this number. Enter a new value in the [Copies to print] box, then exit the menu by pressing [OK].



Changing Job Name

The unlabeled box in the Print Queue editing menu displays either an automatically assigned job name, or an edited name you have previously changed in the RIP Queue editing menu. You may change the job name by entering a new name in this box. This feature may be useful if you expect to use the file in the future.

Deleting the Job

Click the [Delete] button to delete the job. Make sure to exit using the [OK] button, or the delete command will not take effect.

Viewing the file

The preview displayed here is the same image displayed in the RIP queue and it does not represent the actual print job.

3-3 Efficient Tasks Through Selective Use of the Print Units

What Are Print Units?

This RIP program has four sets of printer settings and queues (although there is only a single cutting queue). Each set of printer settings and queues is called a print unit. It can be useful and convenient to assign the settings for frequently used media, print quality, and the like to a print unit.

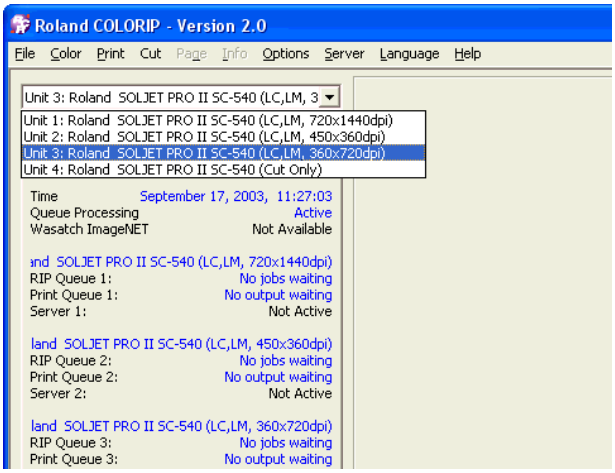
For instance, you could assign the settings for glossy film to "Unit 1" and the settings for matte paper to "Unit 2." Then when you open the image file for printing on matte paper you switch to "Unit 2." This enables the printer settings for matte paper and places only the matte-paper job in the "Unit 2" queues.

Selecting the Print Unit and Printer Settings

PROCEDURE

1. At the main window, use the drop-down box at the upper left to select the print unit whose setting you want to make.
2. Display the [Setup] window, then make the settings you use frequently.

   The [Setup] window appears automatically when you select the print units that are not configured.
3. Repeat steps 1 and 2. You can make the settings for all four units (Unit 1 through Unit 4).
4. Before you carry out operations such as RIP'ing or printing, you first select the corresponding print unit.



Point

The same [Physical Connection] setting is used for all of the print units. You cannot make different settings for individual print units.

Working with Jobs within Each Print Unit

PROCEDURE

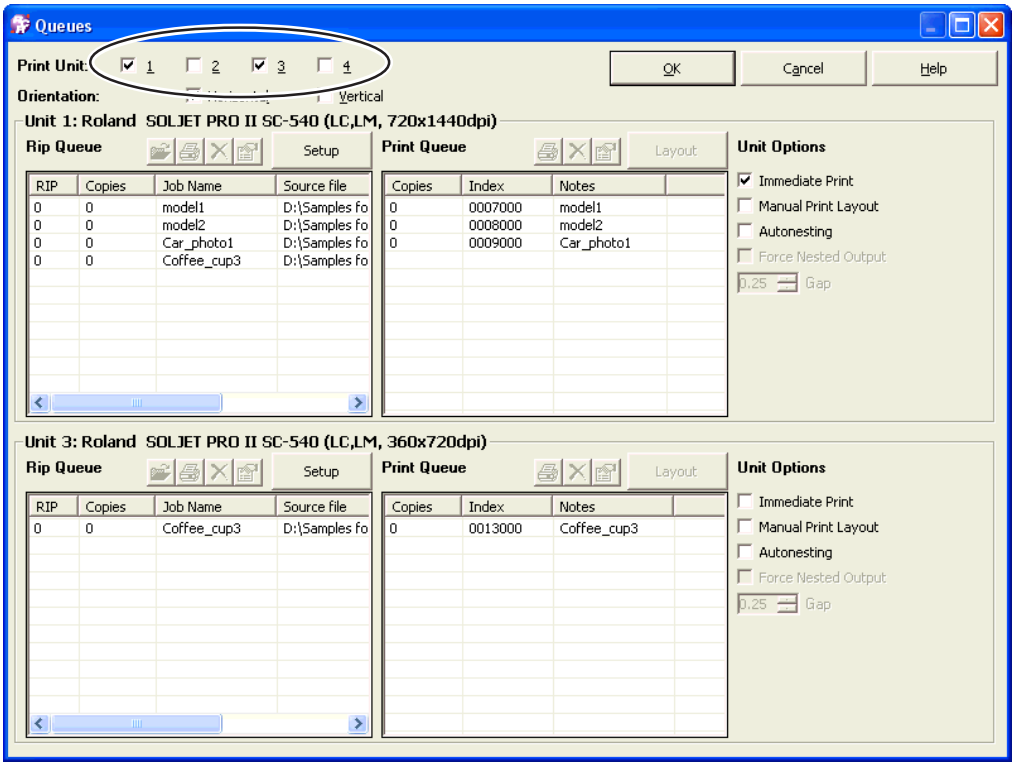
1 At the [Print] menu, click [Queues].

2 Go to the [Print Unit] check boxes and select the check boxes corresponding to the numbers of the print units you want to view.

A list of the jobs in the print units appears.

3 Perform operations on the job in each print unit.

For more information about job operations, refer to "3-1 Job Operations" and "3-2 The Details of Job Operations." The number of queues is increased to four sets, but the operation methods are the same.



Point

To Open the [Setup] Window Directly

At the [Queues] window, click the [Setup] button. This will allow quick access to the [Setup] window corresponding to the Print

Part 4:
Contour Cutting

4-1 Contour Cutting

COLORIP can extract cutting paths from PostScript jobs created in Corel Draw, Adobe Illustrator and QuarkXpress.
Paths created with a spot color name such as "CutPath" will be shown as animated blue and white dashed lines on COLORIP's preview screen. When output to a print-and-cut inkjet device, the paths shown will be cut. The figure shows artwork created for a label using ordinary colors. The dashed blue lines indicate where the "CutPath" spot color was used. When this job is sent to a print-and-cut device, the color image will be printed, then the knife will cut out the label on the paths.

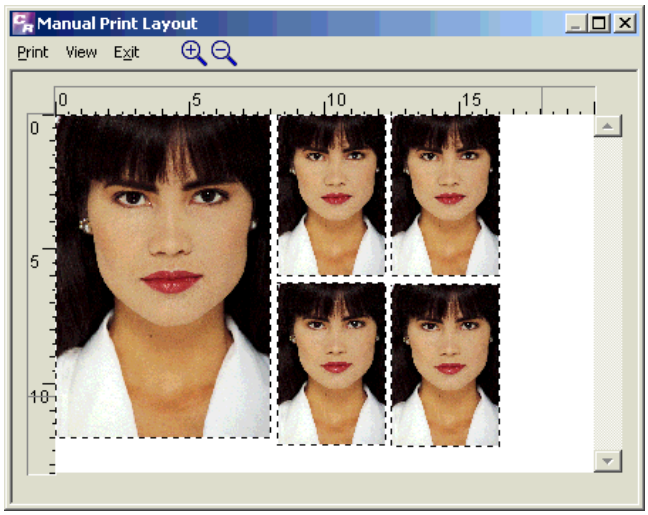
Activating Cutting Path Processing

To activate processing of cutting paths for a print-and-cut inkjet device, check the [Process Cutting Paths] box on the [Setup] window. If you're printing multiple images using the Auto nesting or Manual Print Layout features, the cutting path will be correctly duplicated and registered for every copy.

The [Process Cutting Paths] tool is not just for print and cut applications. It can also be used with ordinary vinyl cutters for such tasks as cutting lettering with complex paths.

Outline Jobs

Checking the [Outline Jobs] box on the [Setup] window causes rectangular cutting paths to be generated at the edges of each image in a layout. This feature is useful for producing work such the photographic package job.

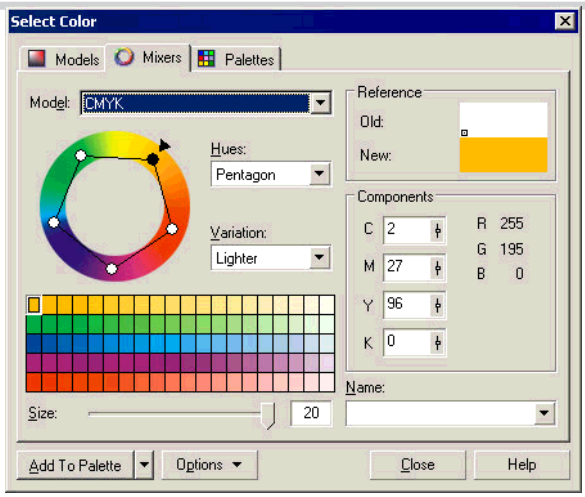


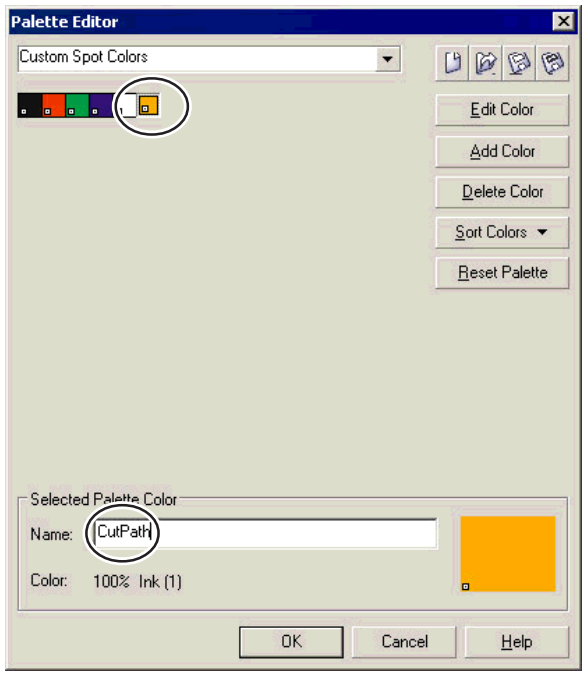
Creating a Cutting Path in Corel 9/10/11

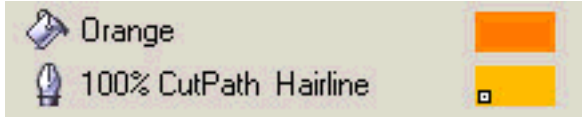
The following tech note will walk you through creating a cutting path to use with COLORIP from Corel Draw 9, 10 and 11.

PROCEDURE

1. Click on [Tools] and select [Palette Editor]. Or Click [Windows]-[Color Palettes]-[Palette Editor].
2. From the drop down menu select [Custom Spot Color]. Corel Draw 9 users will find this option under [User Defined Inks].
3. To create a new spot color, click on [Add Color].
4. When the [Select Color] window opens, click on the [Mixers] tab.
5. Select any color you want from the color wheel.
6. Click on [Add to Palette], then click on [Close].
7. Change the Name of the Selected Palette Color to [CutPath]. Click on [OK] to save the settings. For COLORIP to recognize the cutting path, the name must be "CutPath" exactly as it appears here.
8. To apply the cutting path to your artwork, click on the Outline Pen.
9. Select the "CutPath" spot color. [Width] should be set to [Hairline].
10. When done, save or print your artwork to create a .ps or .eps file.







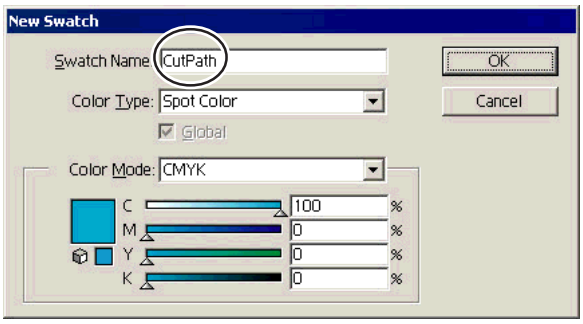
Creating a Cutting Path with Adobe Illustrator 8/9/10

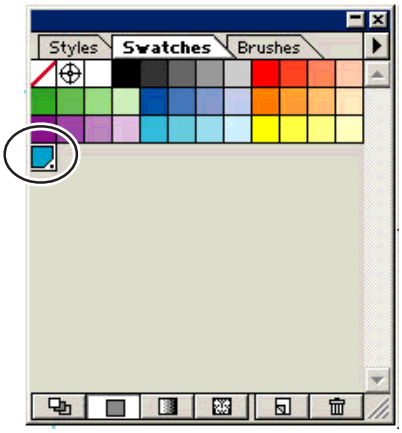
The following tech note will walk you through creating a cutting path to use with COLORIP from Adobe Illustrator 8, 9 and 10.

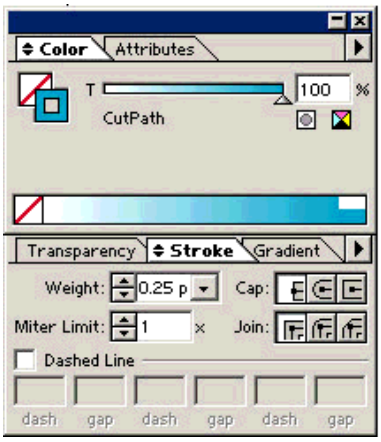
PROCEDURE

1. Start by creating a new blank document.
2. Click on [Window] and select [Show Swatches].
3. Click on [Window] and select [Show Stroke].
4. To create a new Swatch you can click on the right arrow of the [Swatch] window and select New Swatch.
5. The Swatch name must be "CutPath", exactly as it appears here.
6. The [Color type] must be [Spot Color].
7. The [Color mode] may be set to any color space you choose. Whatever color you select, COLORIP will replace this color with "marching ants" along the cutting path.
8. Click OK to save the swatch.
9. From the [Stroke] Tab, apply the following settings.

   Weight: 0.25
   Miter Limit: 1
10. For Illustrator 9 and 10 users, the Transparency options need to be set to Normal Opacity at 100%.
11. Select the [Stroke Color] and then select the "CutPath" color swatch.
12. Create your artwork with the CutPath stroke around the art you wish to have cut out.
13. When done, save or print your artwork to create a .ps, or .eps, file.







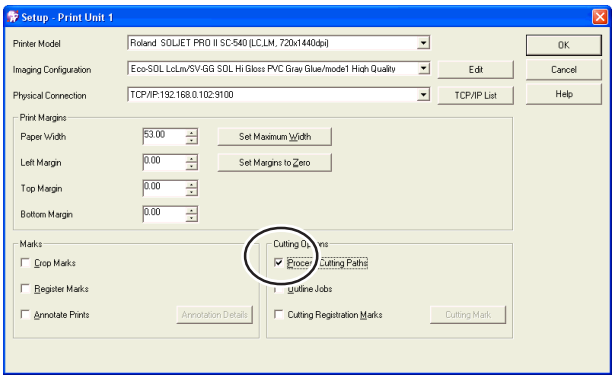
4-3 Printing and Cutting Simultaneously

Printing and Cutting

After the image is printed, the media is automatically rolled back and cut out. Follow the procedure below when printing and cutting on one device.

PROCEDURE

1. At the [Print] menu, click [Setup].
   The [Setup] window appears.
2. Select either the [Process Cutting Paths] or [Outline Jobs] check box (or both).
3. Open the file that contains the cutting path and perform the operation for RIP'ing and printing.

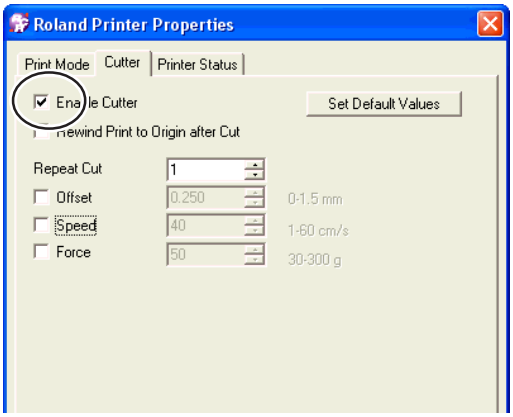


When No Cutting is Performed

COLORIP is set by default to process the cutting. If no cutting is performed after executing the steps above, make sure the following settings are properly set.

PROCEDURE

1. At the [Print] menu, click [Setup].
   The [Setup] window appears.
2. For [Printer Model], select a model name that is **NOT** described as "Cut Only," then click [OK].
3. Click [Edit].
   The [Imaging Configuration] window appears.
4. Click [Properties], then click the [Cutter] tab.
5. Make sure the [Enable Cutter] is checked.



4-4 Printing and Cutting Separately

Settings to Perform the Cutting Only

There are specific steps to follow if you need to cut after the lamination, or if you just want to output a cut job. Follow the steps below to perform cutting only.

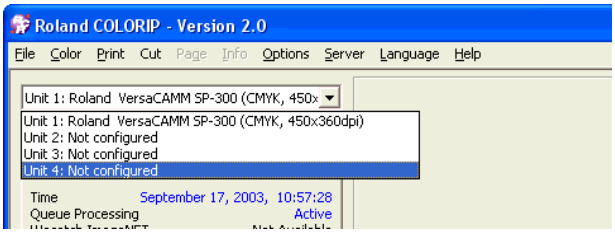
Use the "Print Unit" and create a Cut Only unit. In this example, [Unit 4] is configured as a Cut Only unit.
See "3-3 Efficient Tasks Through Selective Use of the Print Units" for more information on Print Unit.

PROCEDURE

1 At the main window, use the drop-down box at the upper left to select [Unit 4].

2 The [Setup] window appears automatically.

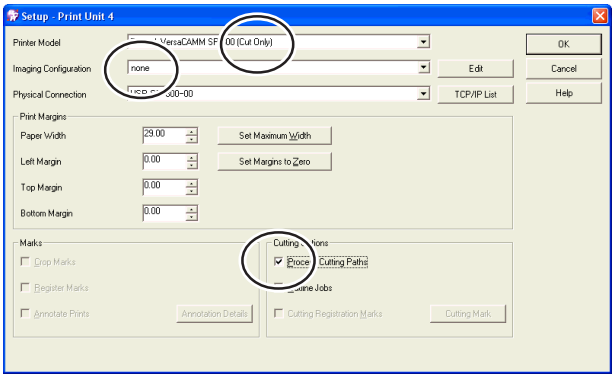
If the [Setup] window does not appear, go to the [Print] menu and click [Setup].



3 Select your printer in the [Printer Model]. Make sure to select the one **with "Cut Only"** after the model name.

4 For [Imaging Configuration], select [none].

5 Check the [Process Cutting Paths] or [Outline Jobs] (or both) box.



6 Click [Edit].

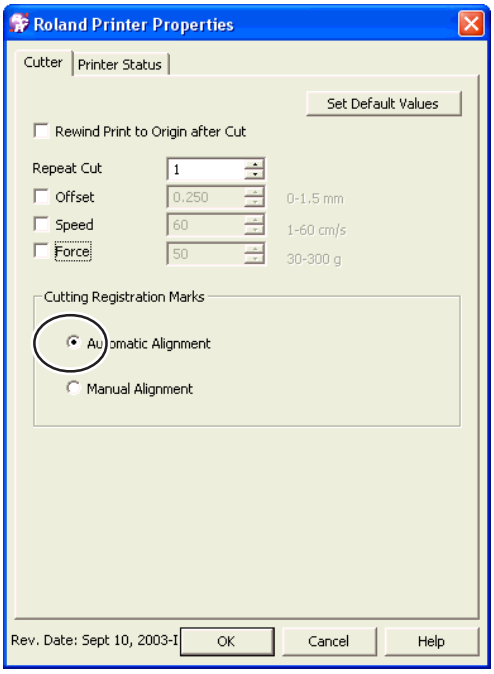
The [Imaging Configuration] window appears.

7 Click [Properties] and click [Cutter] tab.

8 Change the cutter settings as required.

9 If [Cutting Registration Marks] is available for selection, select [Automatic Alignment].

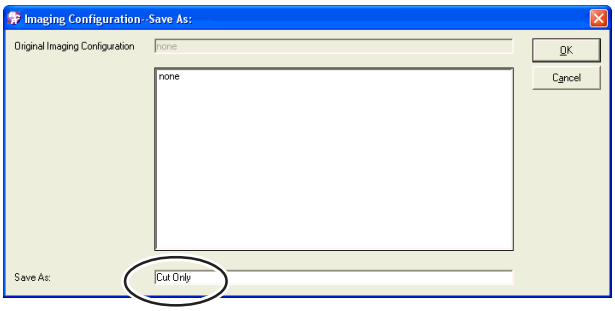
However, if you want to perform the alignment with the crop marks manually, select [Manual Alignment].
You are not required to do anything if this selection is not available for your printer.



10 Click [OK] to close the [Printer Properties] window.

Click [OK] to close the [Imaging Configuration] window.

The [Save As:] window appears.



11 Type in "Cut Only" for example, in the [Save As:] box, then click [OK].

The setting created here is saved with the name "Cut Only."

12 Click [OK] to close the [Setup] window.

The [Unit 4] is now registered as Cut Only unit.
Use this unit as described later in this manual, in the procedures "Cutting after Lamination" and "Cutting Only."

Settings to Print with Crop Marks

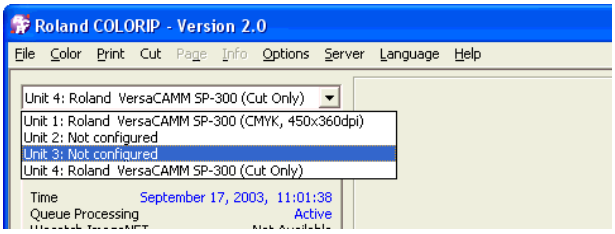
To perform the cutting after lamination, you have to print the image with the crop marks. A special setup is required for this.
In this procedure, [Unit 3] is set as a print only unit.

PROCEDURE

1 At the main window, use the drop-down box at the upper left and select [Unit 3].

2 The [Setup] window appears automatically.

If the [Setup] window does not appear, go to the [Print] menu and click [Setup].

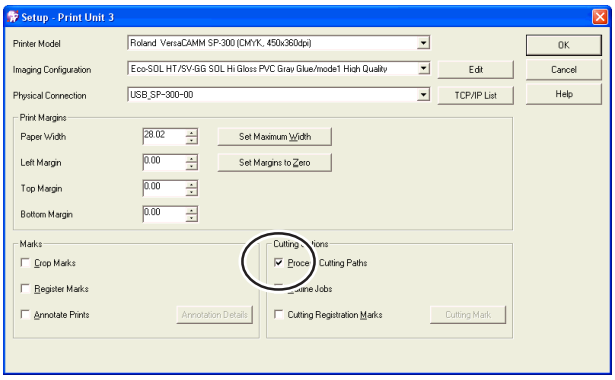


3 Select your printer in the [Printer Model]. Select the one that does **NOT** contain "Cut Only" after the model name.

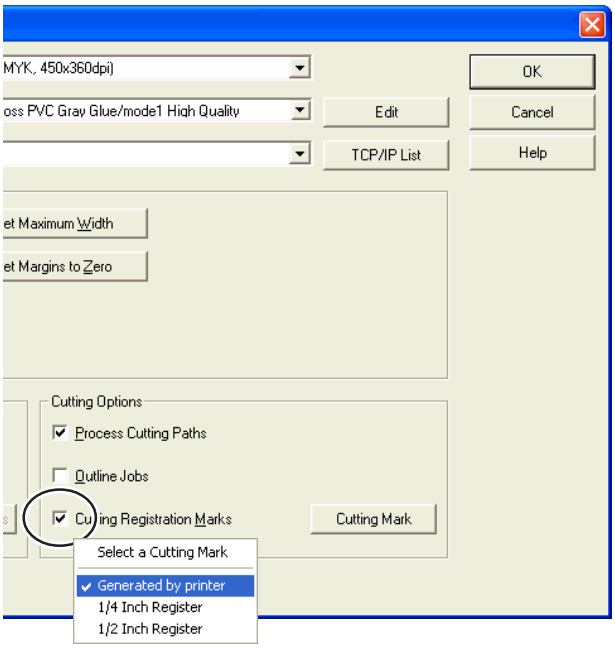
4 For [Imaging Configuration], select the appropriate setting for your ink, media and print quality.

5 Check the [Process Cutting Paths] or [Outline Jobs] (or both) box.

The cutting data will be created during the printing process.



6 Check the [Cutting Registration Marks]. A pop-up menu appears. Select [Generated by printer] from the pop-up menu.



7 Click [Edit].

The [Imaging Configuration] window appears.

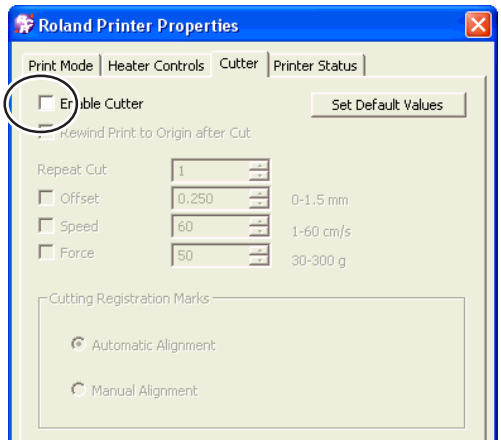
8 Click [Properties] and click [Cutter] tab.

9 Uncheck [Enable Cutter].

10 Click [OK] to close the [Printer Properties] window.

Click [OK] to close the [Imaging Configuration] window.

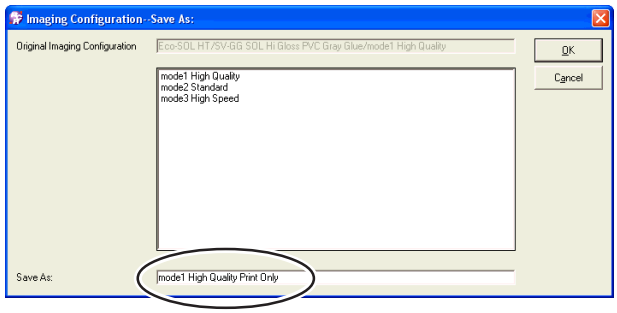
The [Save As:] window appears.



11 Type in "Print Only" for example, after the configuration name displayed in the [Save As:] box, and click [OK].

Assign a different name for the configuration created here.

12 Click [OK] to close the [Setup] window.



The [Unit 3] is now registered as Print Only unit.
Use this unit as described later in this manual, in the procedure "Cutting after Lamination."

Point

Changing the Media Requires You to Go through the Settings Again

If you change the [Image Configuration] for [Unit 3], repeat the steps 7 to 12. However, if you have a matching configuration previously created (named as "Print Only" in this example), you can just select this configuration.

Cutting after Lamination

Printing with the crop marks will allow the precise alignment of the image for cutting after the media was removed for lamination. In this case, printing only is performed first and then cutting only is performed after the media is reloaded.

1. Printing Process

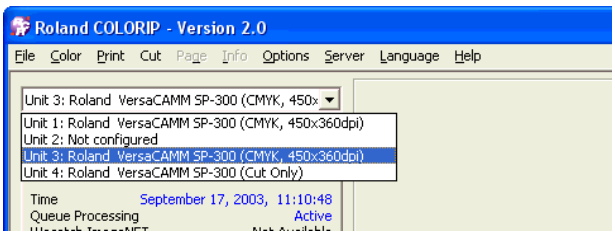
1 At the main window, use the drop-down box at the upper left to select [Unit 3].

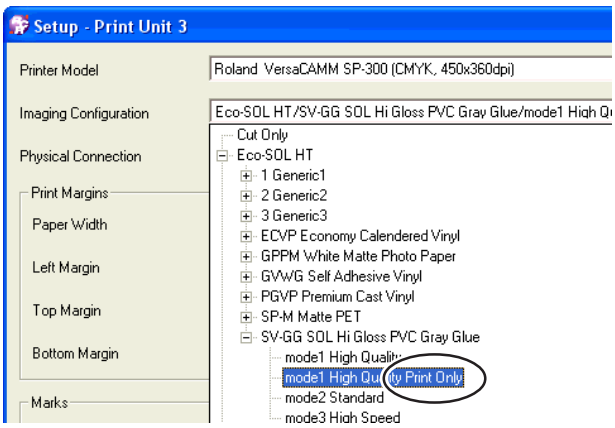
2 At the [Print] menu, click [Setup] and make sure the settings are correct for the target ink, media and print quality.

If the settings are not correct, select the correct [Imaging Configuration] and repeat the steps 7 to 12 described in the section "Settings to Print with Crop Marks."

3 Open the file that contains the cutting path and perform the operation for RIP'ing and printing.

The output will be printed with the crop marks.
The cutting data is also generated at this stage and it is saved in a special queue named "Cutting Queue."





2. Cutting Process

1 Reload the media after the lamination.

If your printer requires to sense the crop marks, execute the necessary operation as well.

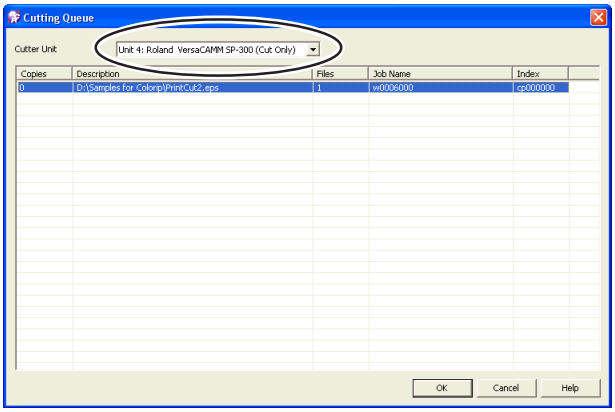
2 Click the [Cut] menu.

The [Cutting Queue] window appears.

3 Select [Unit 4].

4 Double-click on the cutting job generated during the printing process.

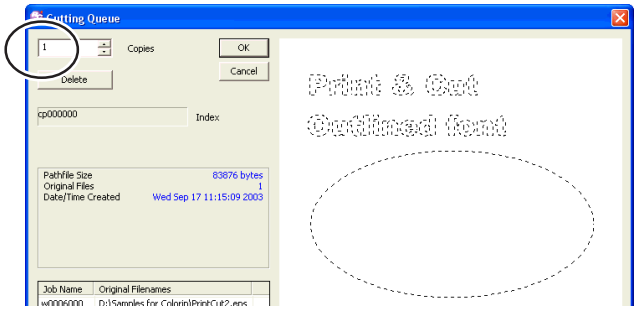
The Cutting Queue editing menu appears.



5 Enter "1" in [Copies] box and click [OK].

6 Click [OK] to close the [Cutting Queue] window.

Cutting starts.



Cutting Only

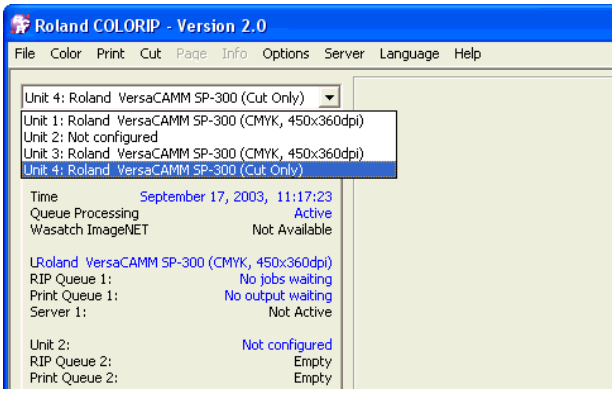
Follow the procedure below for cutting only.

PROCEDURE

1. At the main window, use the drop-down box at the upper left to select [Unit 4].

2. Open the file that contains the cutting path and perform the operation for RIP'ing and printing.

   Only cutting is performed.



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