Print - Laminate - Cut Workflow

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].
- Select your printer in the [Printer Model]. Make sure to select the one with "Cut Only" after the model name.
- For [Imaging Configuration], select [none].
- **5** Check the [Process Cutting Paths] or [Outline Jobs] (or both) box.
- Unit 1: Roland VersaCAMM SP-300 (CMYK, 450× 💌 Unit 1: Roland VersaCAMM SP-300 (CMYK, 450x360dpi) Unit 2: Not configured Unit 3: Not configured September 17, 2003, 10:57:28 Queue Processing Active (Cut Only) -• Edit Cancel ▼ TCP/IP List sical Co Print Margin 29.00 Set Maximum Width 0.00 ÷ Left Margin Set Margins to Zero 0.00 0.00 ÷ Pro Pro Cutting Paths E Begister I

Options Server Language Help

📅 Roland COLORIP - Version 2.0

<u>File Color Print</u> Cut Pag

C Annotate B

- 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.

🚏 Roland Printer Properties	
Cutter Printer Status	
🗌 Rewind Print to Origin after Cut	Set Default Values
Repeat Cut 1	
□ Offset 0.250 → □ Speed 60 →	0-1.5 mm
	1-60 cm/s 30-300 g
Au) amatic Alignment Manual Alignment	
Rev. Date: Sept 10, 2003-I OK	Cancel Help

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.

😰 Imaging Configuration-	-Save As:	
Original Imaging Configuration	none	<u>D</u> K
	none	Cancel
Save As:	Cut Only	

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."

Step #2 - 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 popup menu appears. Select [Generated by printer] from the pop-up menu.

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	int Cut Page <u>I</u> nfo	Options <u>S</u> err	ver <u>L</u> anguage	<u>H</u> elp	
Unit 1: Roland Unit 2: Not cor	VersaCAMM SP-300 (C VersaCAMM SP-300 (C nfigured nfigured VersaCAMM SP-300 (C	MYK, 450×360d	pi)		
Time Queue Proces	September 17, 200				
		NILE A. LALEIL			
Setup - Print Unit 3	Roland VersaCAMM SP-300 (CM	VK 4E0-3C04-3			X
Printer Model	Eco-SOL HT/SV-GG SOL Hi Glos			Edit	OK. Cancel
Physical Connection	USB_SP-300-00			TCP/IP List	Help
Print Margins	, -				
Paper Width		Maximum <u>W</u> idth			
Left Margin		Margins to ⊒ero			
Top Margin	0.00				
Bottom Margin	0.00	\sim			
Marks	(Cutting . tions	Paths		
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☐ Annotate Prints	Annotation Details	Cutting Registrat	ion <u>M</u> arks	Cutting Mark	
MVK 450v260de	a				
MYK, 450x360dp	i)	•			ок
	i) ue/mode1 High Quality	•	Edit		OK Cancel
	- 				Cancel
	- 		Edit TCP/IP List		
	- 				Cancel
	ue/mode1 High Quality				Cancel
oss PVC Gray Glu et Maximum <u>W</u> idt	ne/mode1 High Quality				Cancel
oss PVC Grav Glu	ne/mode1 High Quality				Cancel
oss PVC Gray Glu et Maximum <u>W</u> idt	ne/mode1 High Quality				Cancel
oss PVC Grav Glu et Maximum <u>W</u> idt	ne/mode1 High Quality				Cancel
oss PVC Gray Glu et Maximum <u>W</u> idt	ne/mode1 High Quality				Cancel
oss PVC Grav Glu et Maximum <u>W</u> idt et Margins to <u>Z</u> er	ne/mode1 High Quality				Cancel
oss PVC Grav Gk et Maximum <u>W</u> idt et Margins to Zer Cutting 0	ne/mode1 High Quality				Cancel
oss PVC Grav Gk et Maximum <u>W</u> idt et Margins to Zer Cutting 0	ne/mode1 High Quality				Cancel
et Maximum <u>W</u> idt et Margins to Zen Cutting D	ne/mode1 High Quality				Cancel
et Maximum Widt et Margins to Zer Cutting D	h	× _			Cancel
et Maximum Widt et Margins to Zen	e/mode1 High Quality h o ptions ess Cutting Paths h Jobs	× _	TCP/IP List		Cancel
et Maximum Widt et Margins to Zen	e/mode1 High Quality h o ptions ess Cutting Paths he Jobs hg Registration <u>M</u> arks elect a Cutting Mark	× _	TCP/IP List		Cancel
et Maximum Widt et Margins to Zen	h	× _	TCP/IP List		Cancel

Click [Edit]. 🚰 Roland Printer Properties The [Imaging Configuration] window appears. Print Mode Heater Controls Cutter Printer Status Er) able Cutter Set Default Values Click [Properties] and click [Cutter] tab. ind Print to Origin after Cut Uncheck [Enable Cutter]. C Offset C Speed Click [OK] to close the [Printer Properties] win-10 dow. Click [OK] to close the [Imaging Configuration] window. The [Save As:] window appears. Type in "Print Only" for example, after the con-11 figuration name displayed in the [Save As:] box, and click [OK]. Assign a different name for the configuration created here. Click [OK] to close the [Setup] window. 12

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.

Save As:

Step #3 - 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.

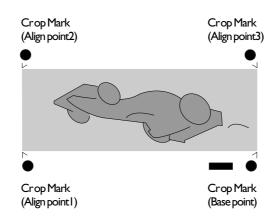
The output will be printed with the crop marks. The cutting data is also generated at this stage and it is saved in a special queue named "Cutting Queue."

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	Enine Cue	ra <u>u</u> c <u>i</u>			Language	Tieth	
Unit 3: Ro	land VersaCi	AMM SP-30	0 (CMYK, 450	×			
	and VersaC/ t configured	AMM SP-30	D (CMYK, 450)	x360dpi)			
	and VersaC/ and VersaC/) (CMYK, 450)) (Cut Only)	x360dpi)			
Time Queue Pr		tember 17,	2003, 11:10 Act	ive			
and carton	Drint I Ini						

mode1 High Quality Print Only

a setap i fint ont o	
Printer Model	Roland VersaCAMM SP-300 (CMYK, 450x360dpi)
Imaging Configuration	Eco-SOL HT/SV-GG SOL Hi Gloss PVC Gray Glue/mode1 High Q
	Cut Only
Physical Connection	Eco-SOL HT
	. I Generic1
Print Margins	
Paper Width	⊕- 3 Generic3
Faper widen	ECVP Economy Calendered Vinyl
L-0 Marcin	GPPM White Matte Photo Paper
Left Margin	⊕- GVWG Self Adhesive Vinyl
	PGVP Premium Cast Vinyl
Top Margin	SP-M Matte PET
	🖻 - SV-GG SOL Hi Gloss PVC Gray Glue
Bottom Margin	mode1 High Quality
	mode1 High Qu (ity Print Only
Marks	mode2 Standard
	mode3 High Speed

Use your software RIP to make the settings for printing crop marks. For information on how to make the setting, refer to the documentation for the software RIP you're using. Alignment marks and symbols drawn using a graphics program cannot be used as crop marks. The output should look like the following:



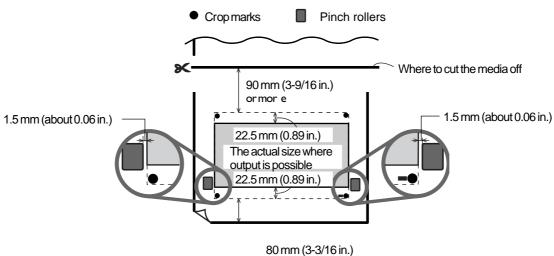
2. Setting Up The Printer

To Perform Printing and Cutting Separately

When you remove printed media and then reload it and perform cutting, you carry out alignment to prevent misalignment of the printing results and the cut lines. You do this at times such as when, for example, you perform lamination or other processing after printing, then reload the media and perform cutting. At such times, you perform printing with crop marks. You can perform automatic alignment with detection of the printed crop marks when you perform cutting.

Media Sizes Allowing Automatic Crop Mark Detection

When you are printing with crop marks, set a margin of at least 90 mm (3-9/16 in.) before the next print-start position. You can set the margin value with the software you're using. For information on how to make the setting, refer to the documentation for the software you're using.

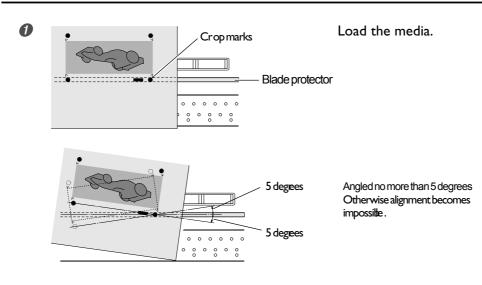


80 mm (3-3/16 in or more

Step #4 - Setting your printer for Aligning Automatically and Cutting

When you make the setting for reading crop marks when sending cutting data from the computer, alignment is performed with the presence or absence of crop marks determined automatically. For information on how to make the setting, refer to the documentation for the software you're using.

Procedure



Send the cutting data.

Alignment is performed automatically, then cutting starts.

Cutting Process

1	Reload the media after the lamination. If your printer requires to sense the crop marks, execute the necessary operation as well.	Cutter Unit	Unit 4	: Roland VersaCAMM SP-300	(Cut Only)
2	Click the [Cut] menu. The [Cutting Queue] window appears.				
3	Select [Unit 4].				
4	Double-click on the cutting job generated dur- ing the printing process. The Cutting Queue editing menu appears.				
5	Enter "1" in [Copies] box and click [OK].		Queue	ОК	
6	Click [OK] to close the [Cutting Queue] window. Cutting starts.	Delete		Cancel	P T
		Pathfile Siz Original File Date/Time	5	83876 bytes 1 ad Sep 17 11:15:09 2003	(

