## Adding PerfCut Swatch In Adobe Illustrator

The PerfCut feature adds an excellent feature out of the box to Roland Print Cut Devices. However, at this time the PerfCut Swatch is not included in the basic swatch palette that comes included with VersaWorks. This document will detail how to create and implement the PerfCut Swatch to enable perforated cutting for creating finished decals and signage.

### Follow the steps below to setup a VersaWorks printer driver:

1. With Illustrator open select the drop down menu from the swatches library as shown on the right.
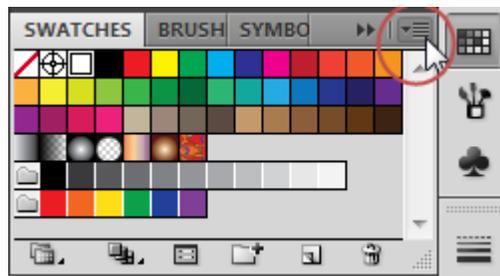

2. Select "New Swatch" from the drop down menu.

Imagine. **Roland**®

Roland DGA Corporation | 15363 Barranca Parkway | Irvine, CA. 92618-2216 | 800.542.2307 | 949.727.2100 | www.rolanddga.com

Certified ISO 9001:2008
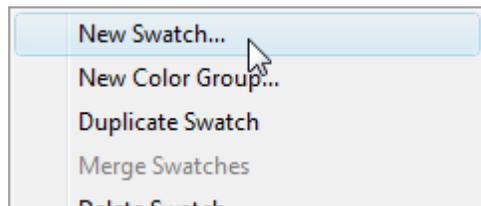
3. In the New Swatch dialogue box, change the Swatch Name to "PerfCutContour" as shown on the right.

| Swatch Name:	PerfCutContour
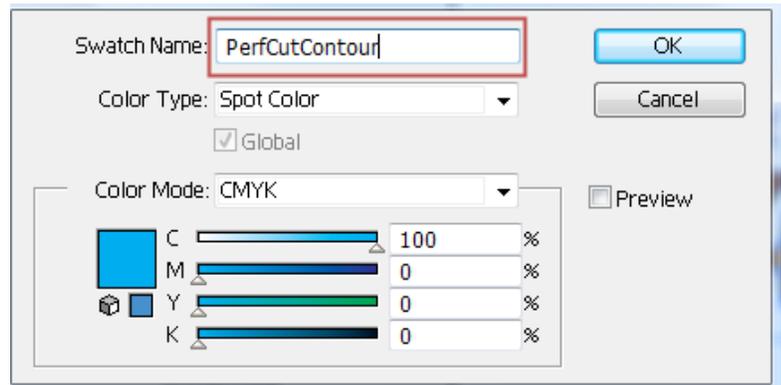
4. From the drop down menu under Color Type select "Spot Color"
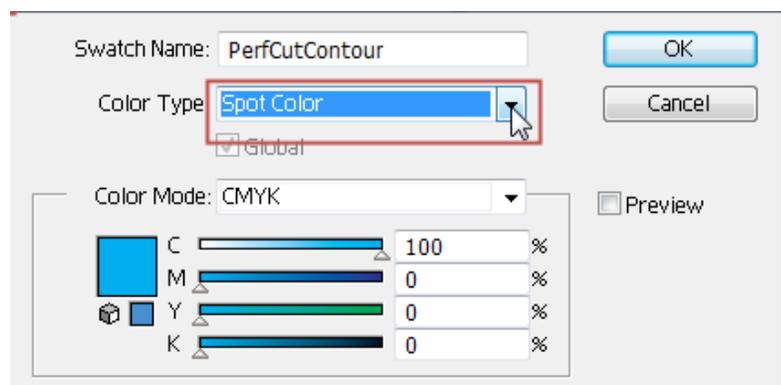
5. Define a color value for the PerfCutContour swatch.
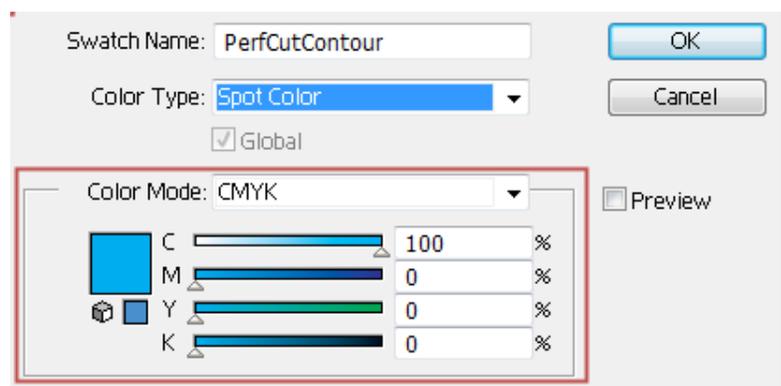
6. Select OK to save the PerfCutContour swatch.

Imagine. **Roland**®
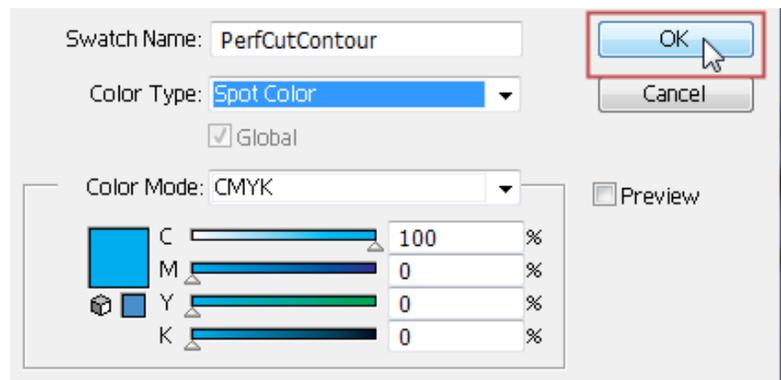
7. The PerfCutContour swatch should now be available in the Swatch Library.
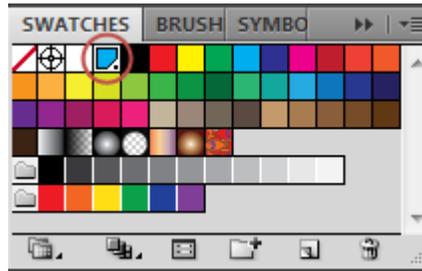
**8.** Select the graphic you wish to have PerfCutContour applied to.
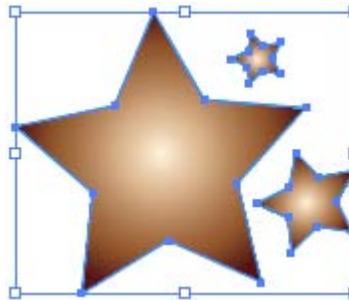
9. From the tool bar select the border color and select the PerfCutContour swatch. This will stroke the object with the PeftCutContour swatch which VersaWorks will recognize.
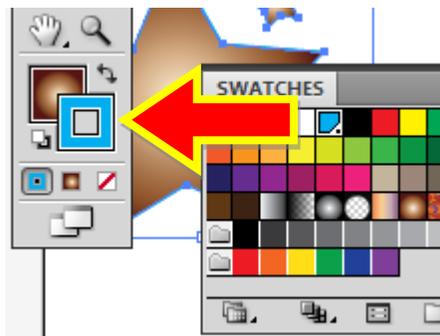
Tech Tip: To improve cut quality, place a Contour Cut line directly on top of the art work to be PerfCutContour. This will cause the printer to perform a Contour Cut first and then come back and perform the PerfCutContour allowing the PerfCutContour to be completed on the backing material only.
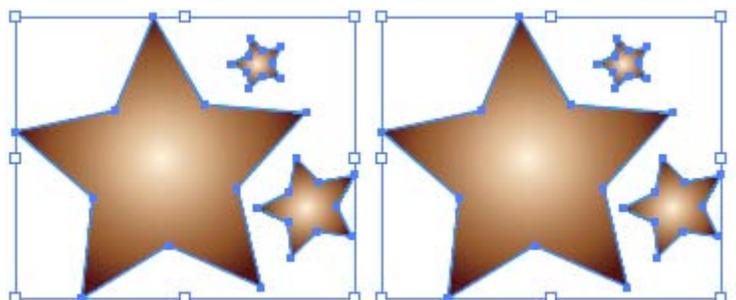
1. Copy and paste the artwork so there is a duplicate copy.

Imagine. **Roland**®

2. Select No Fill and add the Contour Cut.

ROLAND VERSAWORKS

CutContour

3. Align the artwork using the Align window

TRANSFOR ◆ ALIGN   PATHFINDE

Align Objects:

Distribute Objects: Horizontal Align Center

Distribute Spacing: Align To:

4. Finished artwork should look like this.
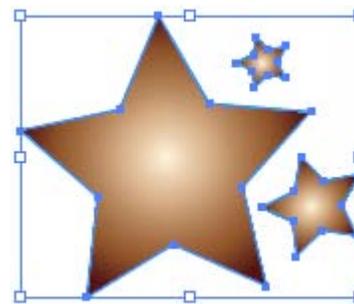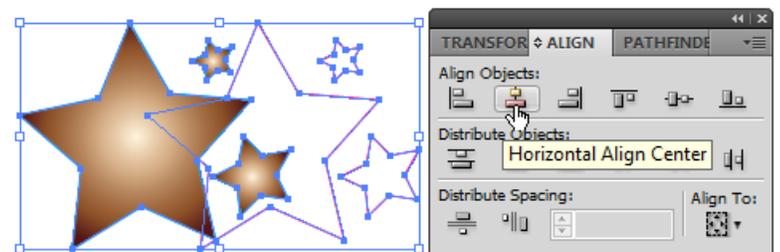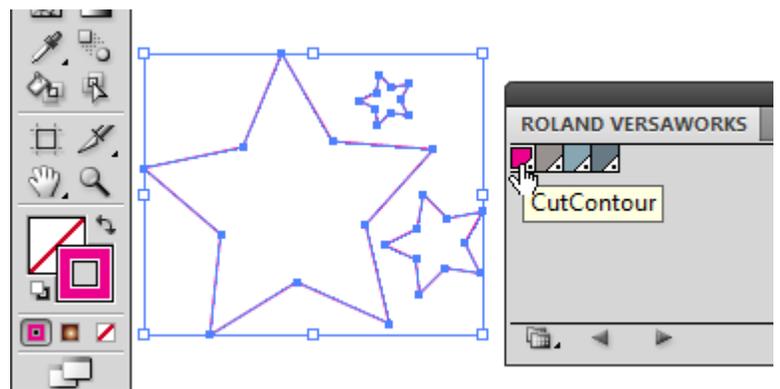
9. Save the artwork as a PDF or EPS file.

File name: stars

Save as type: Adobe PDF (*.PDF)

Save   Cancel

☐ Use Artboards   ⦿ All   ○ Range: 1
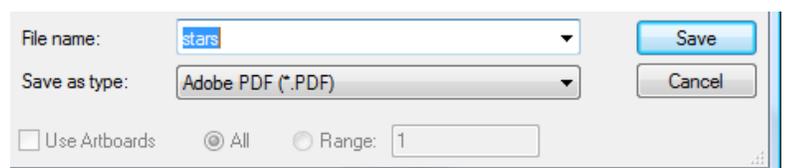
10. Open the file in Roland VersaWorks by selecting File then Add Job to Queue A.

Roland VersaWorks

File(F) Edit(E) View(V) Job(J) Printer(P)

Add Job to Queue A   640

Add Job to Queue B

Exit(X)

Status :Not Connected.

Imagine. **Roland**®
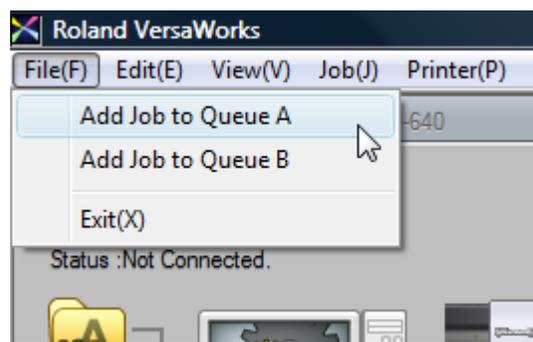
11. Select where the file is located and press Open.

File name: stars | All Supported File Format

Open | Cancel
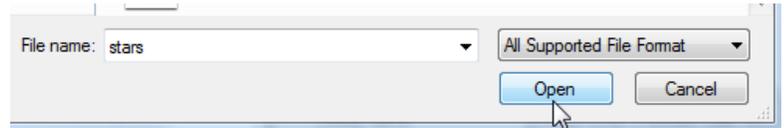
12. The file will then be added to the print queue.

Job List VP-300

Queue A | Queue B

stars.eps | 10/04 16:05
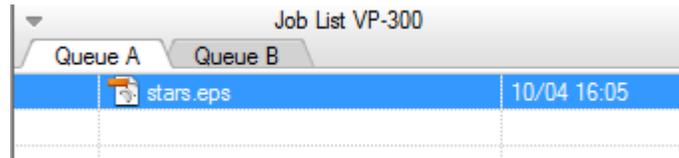
13. Double click on the job to open the Job Properties dialogue box. Single click on the Cut Controls tab on the left hand side.

abc.p

Mark

Printer Controls

Cut Controls

Job Management

Center on the Media

Print Properties

Copy : 1

Page Range

from : 1 to : 1 / 1

Tile Spacing : 0.15 in

Mirror

Orientation :
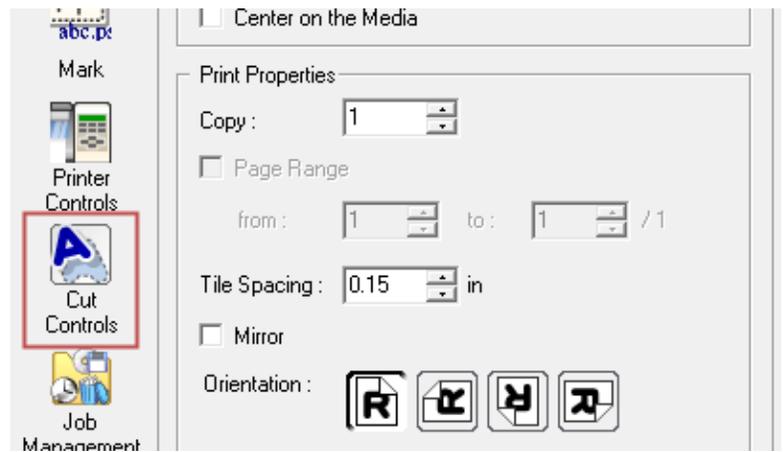
14. Make the settings for the PerfCutContour and the Contour Cut. Set the Contour Cut options as the normal specification for the media used.
Perforated Cut Controls:
Normal Pressure Length is the size of the area that will not be cut, the tabs that hold the graphic in place.
Perforation Length specifies the length of the area to be cut.
Perforation Pressure is the downforce that will be used to cut through the media.

Note: If the Perforated Cut Controls box is not visible in the Cut Controls tab, the PerfCutContour line was not properly read by the software.

Cutting Options

Operation Mode : Print & Cut

☐ Cut All Paths
☐ Cut Image Boundaries
☐ Return to Origin After Print
☐ Return to Origin After Cut
☑ Enable Advanced Settings

Cut Passes : 1 times
Speed : 30 cm/sec
Pressure : 50 gf
Offset : 0.250 mm

Perforated Cut Controls

Normal Pressure Length : 0.019 in
Perforation Length : 1.968 in
Perforation Pressure : 170 gf

Imagine. Roland®
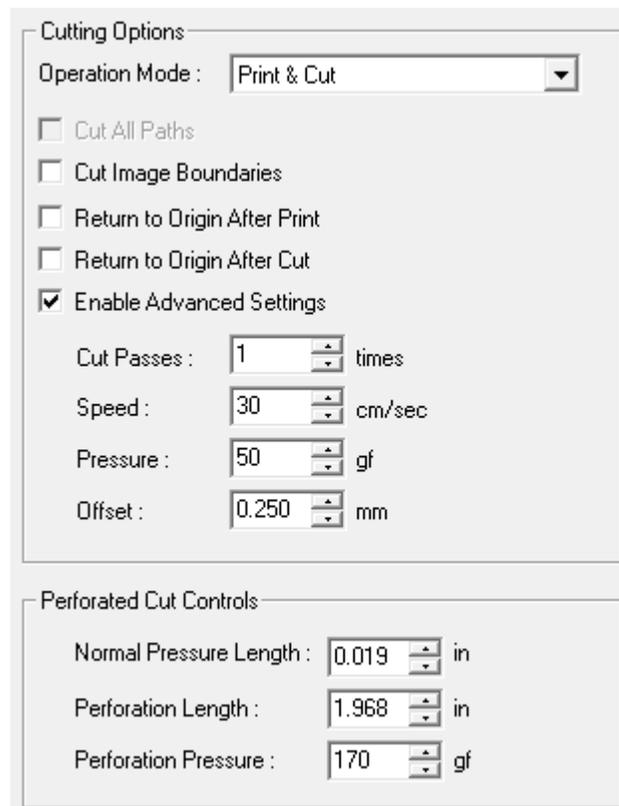
15. Click OK to save the settings and then output as normal.

Note: It may take several attempts tweaking the down force settings to attain the desired results.