[How to] Print Custom Decal Skins

Mimaki®

The UCJV300 Series highly flexible, UV curable ink is ideal for printing custom decal skins for consumers electronics. Here is a guide on how-to print custom decal skins.

PRINTER: UCJV300 Seires

RASTERLINK VERSION: RasterLink 6 Plus Ver 2.1

MEDIA: 3M Controltac Graphic Film
PROFILE: 3MIJ180 v3.5
TYPE: Full Color
PASSES:16
OVERPRINT: 1

RESOLUTION: 600x600

INK: LUS 170
INK CONFIGURATION: CMYK + CL CL + W W
AMOUNT OF INK USED: 0.724cc

Preperation Tools:

3M Controltac Graphic Film

Profiles can be downloaded through the profile update tool in RasterLink or manually on the product pages found at www.mimaki.com

STEP 01: DATA CREATION

1.1 Create an Illustrator Document
- Create your document and artboard to your preferred size.
-Load a design into the file and arrange it inside the artboard.
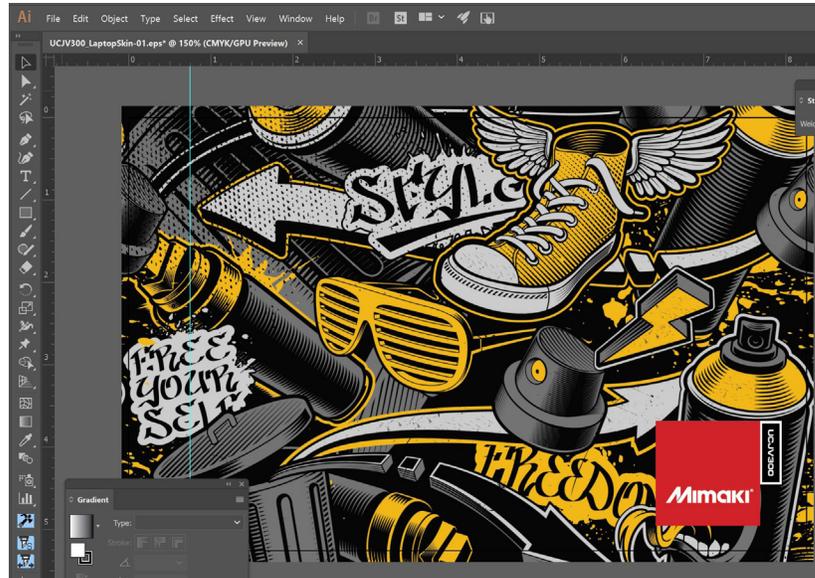
STEP 02: Creating a Cut line

2.1 Cutline
-In a sepeate layer, create any paths that will be used as a cut line.
-Create a box around the graphic for a square cut.

NOTE: Any paths can be converted to cut lines with RasterLink Tools and should have a stroke color named CutContour.
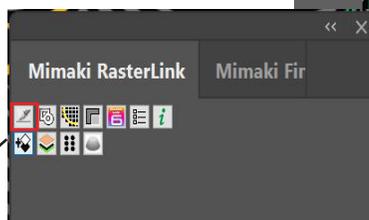
This tool converts paths to a cut line.
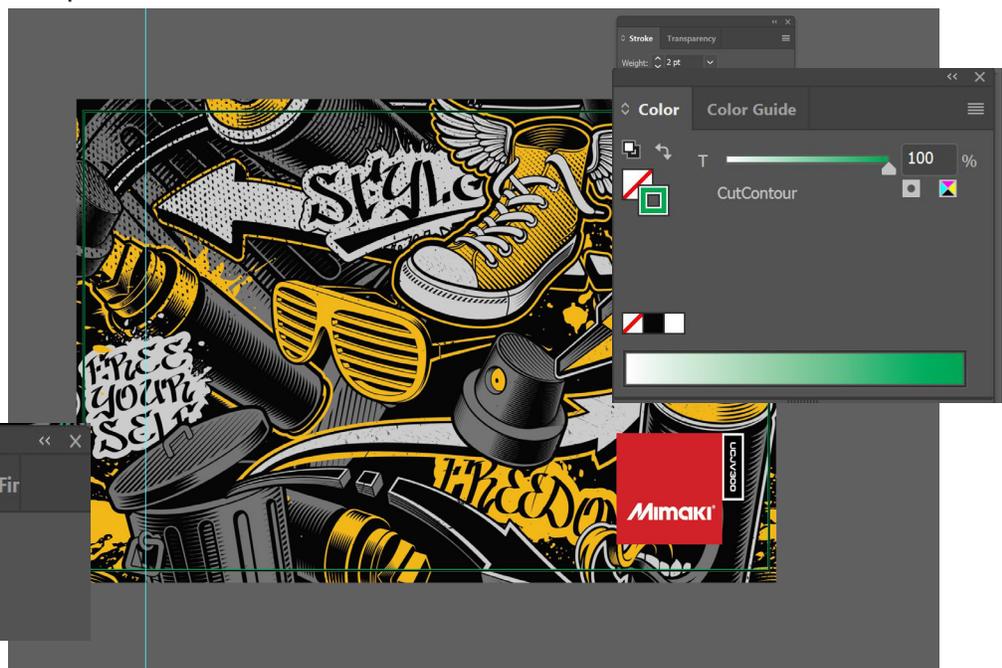
-You should now have a graphic with:
    -Sized artboard
    -A layer for cut paths

1.3 Confirm settings.

- Go to Edit>Color settings.

NOTE: You can adjust these settings as desired.
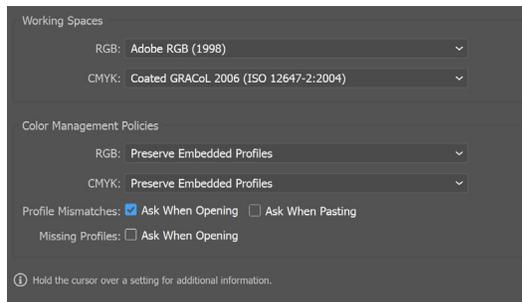
1.4 Save your work.

STEP 03: RASTERLINK SETTINGS

3.1 Upload file to Rasterlink
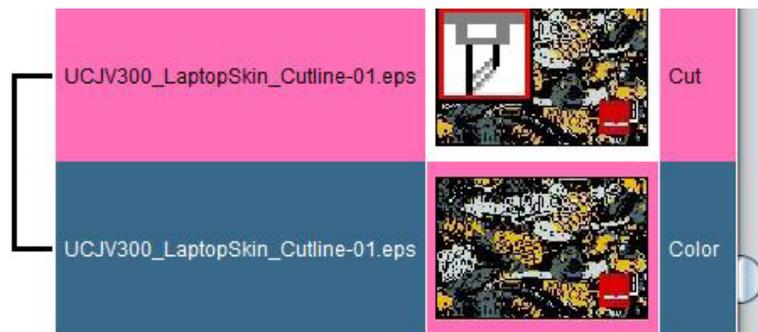
3.2 Profile and Resolution
-Click the Quality icon .
-Choose profile and resolution. Also, confirm color matching settings.
    Profile: 3MIJ8150(CON W) v3.5 | Resolution: 600x600VD

3.3 Image Edit
-Click on General Print.
-Scale your image to the size you need your graphic to be.
-Here you can align your object to the material and create any copies.
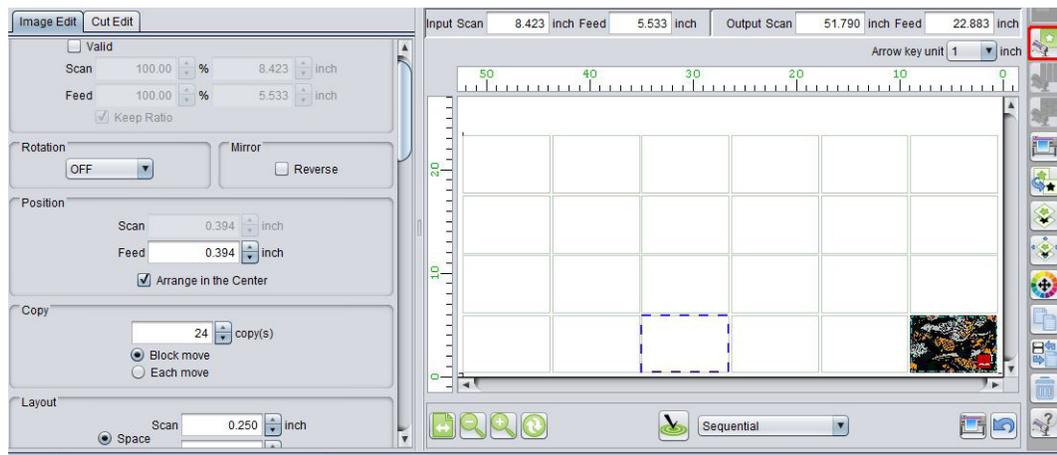
3.4 Printing
-Click on Execution icon. When the print condition and print place are confirmed, you can start printing.
-Select print and cut from the dropdown, and click start to send the file to the printer.

STEP 04: APPLICATION

4.1 Application
- Wipe down the electronic with a microfiber cloth
-Peel the decal and place it on the electronic from one corner to the next, smoothing all bubbles during the application.