[How to] **PRINTING ON MAGNETS**

With thin magnetic sheeting for UV inkjet printing you can print and cut vibrant magnets

PRINTER: UCJV300 Series

RASTERLINK VERSION: RasterLink 6 Plus Ver 2.1

MEDIA: Magnum Magnetics
PROFILE: Magnum Magnetics
TYPE: Full Color
PASSES: 32
OVERPRINT: 1

RESOLUTION: 600x1200

INK: LUS 170
INK CONFIGURATION: CMYK + CL CL + W W
AMOUNT OF INK USED: 1.292cc

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

STEP 01: STEP INFORMATION

1.1 Create an Illustrator Document

- Create your document and artboard to your preferred size. For this particular design we've used 8x5 inches.
- Load a design into the file and arrange it inside the artboard

1.2 Create your Cut Lines

- Create a path around all your artwork. This will serve as your Perforated Cut line
- Select the path and use the Mimaki Illustrator Plugin to register the paths as mimaki cut lines
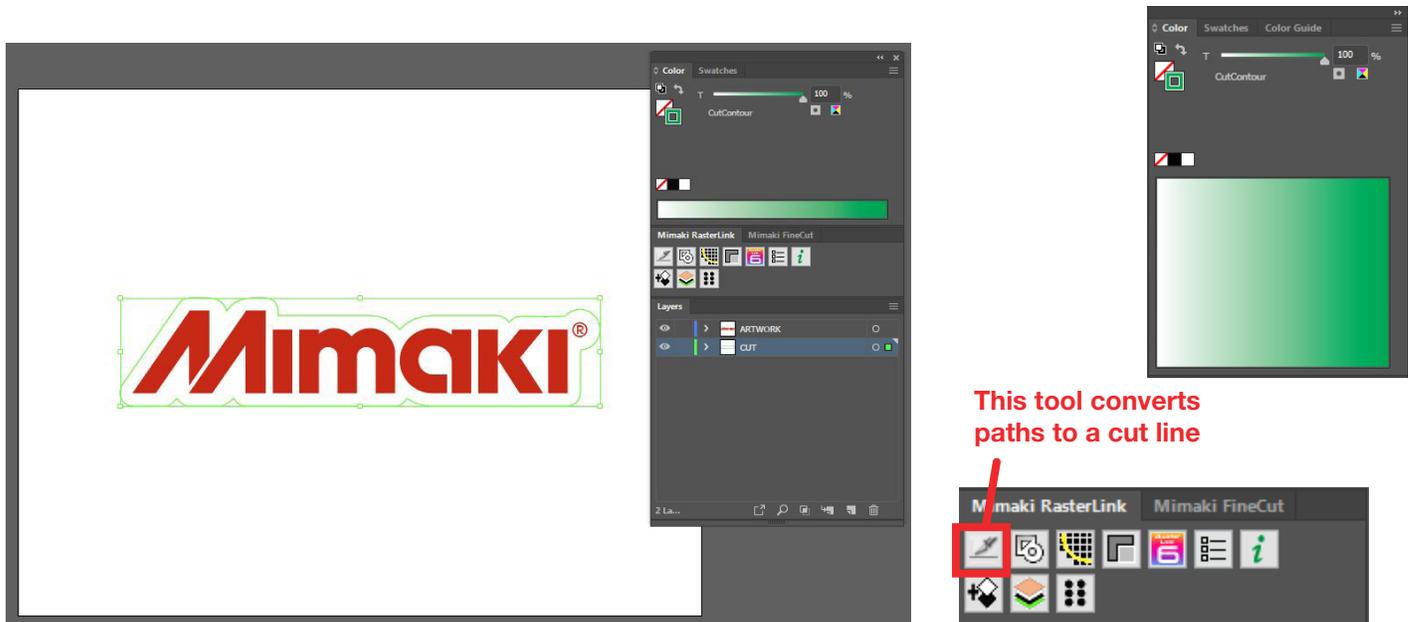
This tool converts paths to a cut line

1.3 Save Your Layers

- You should now have a graphic with:
  - Cut lines
  - Artboard
- Save all the layers as an EPS file.

STEP 02: RASTERLINK SETTINGS

2.1 Create an Illustrator Document

- Load your files into Rasterlink

2.2 Quality and Profile Change

- In the [Q] Quality section select the profile and resolution to fit the material you are printing on.

NOTE: You can adjust these settings as desired. For this example we used the settings in the image below.

STEP 03: CUT SETTINGS

3.1 Setup Cut Settings on the UCJV

- On your printer under the Tools tab select "Cut 1" and change the settings to fit a perforated cut on your material, making sure to turn "Half Cut" on.

3.2 Rasterlink Cut settings

- Go to the General Print Section.

- In the "Cut Edit" tab under "Cut Path" select your green perforated cut line.

- In "Cut Condition" change the Panel Settings to "User Definition" then select Cut 1 then select Apply
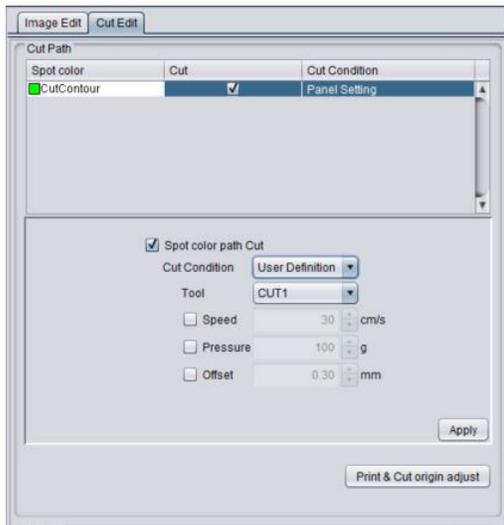
**NOTE: Make sure
your cut setting has
Half Cut off**

STEP 04: APPLICATION

4.1 Loading the Material

- When loading the magnet material into the printer, make sure there is a sheet of material covering the metal section in the back of the UCJV

- Load the material over the sheet into the printer

4.2 Align Your Artwork

- Click the General Print tool on the Rasterlink toolbar. Here you can align your object to the material and create any copies.

4.3 Print

- Choose the Execution tool in the RasterLink toolbar.
- Select print and cut from the dropdown, and click start to send the file to the printer.