

Using All-In-One Files with UV Printers

This guide walks you through preparing and printing **All-In-One SVG files** on the most common UV printer brands. Use the navigation tabs on the right to jump directly to your printer section.

Think of these steps as a **starting point**—settings can vary by machine, material, and project. We're not claiming to be brand-specific experts, so expect to experiment and adjust as you go.

 **Pro Tip:** Once you've tried these steps, join a Facebook group for your specific printer brand. Those communities are packed with real-world troubleshooting, setup hacks, and advanced tips that will help you go further faster.

Mimaki UV Printer

[Video Tutorial](#)

Here's how to prep and export your All-In-One SVG file for **Mimaki printers using RasterLink**.

1. Open & Customize Your File

- Open the One File SVG in your preferred design software.
- Copy the color-filled vector into a new document. Make edits as needed (text, colors, scaling).
- Keep layers simple → solid colors, no clipping masks.

2. Export for Mimaki (RasterLink)

- Save or export as **PDF (Best for Print)**.
- Recommended settings:
 - *Preserve Editing Capabilities* = OFF
 - *Compression* = None (to keep sharp edges)
 - *Color Mode* = CMYK

3. Import into RasterLink

- Open RasterLink → File → Open → select your exported PDF.

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- Your file will appear in the job list.

4. Size & Position

- Go to *General Print*.
- Enter your desired size in millimeters (1 in = 25.4 mm).
- Place design at the bottom-right corner (to match the Mimaki jig).
- *Tip*: If printing on the back of clear acrylic, use *Mirror/Reverse*.

5. Add a White Underbase

- In RasterLink: *Special Plate* → *Ink: White* → *Valid Pixel* → *Create*.
- This places white only under your design for vibrant colors.
- In *Layers* → *Size Correction*, set *Thinning* to 3–4 (shrinks white slightly to prevent halos).

6. (Optional) Add a Clear Coat

- For matte: *Special Plate* → *Clear* → *Valid Pixel* → *Create*.
- For gloss: *Properties* → *Setup* → *UV Mode* → *Glossy Print*.
- Apply *Thinning* = 3–4 if needed.

7. Print Order & Sending

- Combine layers: *White* → *Color* → (optional) *Clear*.
- Use *Composition* → *Composite* so all layers print in one pass.
- Click *Go* → *Start*. On your Mimaki, press *Remote* → *Start*.

8. Fixing Mistakes

- Wrong job? On the printer: *Select* → *Data Clear* → *Enter*.
- Adjust in RasterLink and resend.

✨ Tips for Best Results

- Always export as **PDF (Best for Print)**.
 - Use *Valid Pixel* (not *Whole Image*) for white/clear.
 - Mirror designs for back-side acrylic prints.
 - Quick conversion: **1 inch = 25.4 mm**.
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Roland UV Printer

[Video Tutorial](#)

Follow these steps to set up and export your SVG for **Roland printers using VersaWorks**.

1. Open & Customize Your File

- Open the One File SVG in your preferred design software.
- Copy the color-filled vector into a new document. Edit text, colors, or resize.
- Keep elements clean (avoid clipping masks or hidden layers).

2. Spot Color Setup for White & Gloss (Optional)

Roland uses special spot colors to trigger White or Gloss ink.

- Create a new swatch.
- Name it exactly:
 - **RDG_WHITE** → white ink
 - **RDG_GLOSS** → gloss/clear ink
- Set Color Type = Spot Color.
- Apply swatch to objects you want printed in white or gloss.
- *Tip:* Place on a separate layer to toggle visibility.

3. Export for VersaWorks

- Save or export as **PDF (High Quality Print preset)**.
- Color mode: CMYK.
- Embed ICC profiles if available.

4. Import into VersaWorks

- Open Roland VersaWorks.

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- Drag your PDF into the job queue.

5. Size & Position

- Double-click job → open *Layout*.
- Set job size (mm or inches).
- Position artwork (center or corner, depending on jig).
- *Tip:* For acrylic back prints, check *Mirror Image*.

6. White & Gloss Control

- Go to *Quality* → *Special Color Layer Control*.
- Choose:
 - White under CMYK (for vibrancy on dark/clear).
 - Gloss for spot gloss or flood coat.
- If you added **RDG_WHITE**/**RDG_GLOSS**, VersaWorks will auto-detect.

7. Choose Print Quality

- Typical: 720×720 dpi (good balance).
- High detail: 1440×720 dpi.

8. Send to Print

- Click OK → right-click job → Print.
- Order: White → CMYK → Gloss.

9. Troubleshooting

- White not showing? Check spot color name = **RDG_WHITE**.
- Gloss missing? Check spot color name = **RDG_GLOSS**.
- Wrong size? Resize in VersaWorks, not your design software.

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- Need to reprint? Delete job from queue and resend.

✨ **Tips for Best Results**

- Always use correct Roland spot color names.
 - Mirror artwork for back-side acrylic prints.
 - Save VersaWorks presets for reuse.
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LogoJet UV Printer

[Video Tutorial](#)

Here's how to prepare your SVG for **LogoJet printers**, with optional cut layer setup if combining UV print + laser cut.

1. Open & Customize Your File

- Open the One File SVG in your preferred design software.
- Copy the color-filled vector into a new document. Make edits (text, colors, size).
- If cutting, keep two layers:
 - Print layer → artwork + 4 black registration dots (1/4" circles).
 - Cut layer → red vector outlines + same 4 registration dots.

2. Export for LogoJet

- Save or export as **PDF (High Quality Print)**.
- Ensure:
 - Color Mode = CMYK
 - Compression = None (keeps sharp edges)

3. Prep the Substrate

- Clean acrylic (or material) with isopropyl alcohol.
- Let dry before placing in printer.

4. Print on LogoJet

- Load material in the LogoJet bed.
- Send PDF through LogoJet print software.
- Select:

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- White underbase (for vibrancy).
- CMYK layer on top.
- Optional clear/gloss coat.

5. **Tips & Troubleshooting**

- Gloss vs matte: LogoJet lets you choose coating—experiment to find the best look.
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