



Large Format Printer Guide

HP DesignJet T1300



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Before You Start

What does the Large Format Printer do?

The **HP DesignJet T1300** is a large-format inkjet printer designed to produce wide prints with high detail and vivid colours.

Unlike standard desktop printers that use individual sheets of paper, this machine prints on **roll media up to 41.5 inches wide**, allowing users to produce much larger and longer documents and graphics.

What can you make with the Large Format Printer?

With the large format printer, you can create a variety of large visual materials, including:

- Posters and presentation graphics
- Architectural drawings and blueprints
- Maps and technical diagrams
- Educational displays
- Large photos or artwork

These prints are commonly used for presentations, events, displays, and design projects.

What to Expect

- **Average print time:** 5–20 minutes depending on size and quality.
- **Skill level:** Beginner-friendly with basic file preparation.
- **Preparation:** Files should be sized correctly before printing.

Because large print-outs use more material and ink, **double-check the size and layout of your file before printing.**

Software & Files

All large format printing projects should be prepared in **CorelDRAW** on the MakerSpace computers. Once your design is ready, export the file as a **PDF** before sending it to the printer.

Supplies & Material

The large format printer offers two types of paper - select your preference using Print Settings.

- **Gloss:** High-shine finish. Best for photographs, vibrant graphics, and display materials.
- **Satin:** Semi-matte finish. Suitable for posters, signage, and general-purpose prints with reduced glare.

Pricing information is available at the MakerSpace front desk. Please check our [website](#) or ask staff for current rates. Prices include tax.

Safety

There are low physical risks using this equipment, and users should follow basic precautions to prevent damage to the machine and ensure safe operation.

General Precautions

Following these guidelines helps prevent damage to the machine and ensures safe operation.

- Do not place your hands inside the printer while it is operating.
- Do not attempt to clear paper jams without staff assistance.
- Only staff should perform maintenance or load media.

Getting Started

1. Prepare Your Design

Before printing, confirm the following:

- **Export files as PDF**
- **JPEG or TIFF files** can also be used when working with image-based designs.
- **Verify the design size in CorelDRAW before exporting** to avoid scaling issues.
- The **maximum printing width is 41.5 inches**. Designs must not exceed this width.
- **Save your file with a clear, unique name** so it can be easily identified at the printer.

Note: In some cases, vector-based PDF files may not process correctly. If this happens, export the design as a **bitmap image or JPEG** before printing.

2. Save the File to a USB Key

1. Save the file to a **USB key**.
2. Insert the USB key into the **USB port on the right side of the printer**, beside the touchscreen.



A photograph showing where to insert the USB key on the printer.

3. On the touchscreen, select **USB** to access your files.



A photograph of the touchscreen, showing how to print from USB.

Note: Press the file icon at the top right of the screen to see a preview of your image. If nothing shows up, export your file to the UBS again.

3. Select Your File

1. Use the touchscreen to scroll through the file list.
2. Tap your file to select it.
3. You will see the details screen for your file. Select the Settings option in the bottom left corner.
4. On the settings screen, scroll down and select Roll options to choose paper type.



A photograph of the settings screen, showing the options size, colour, print quality and roll.

4. Review these settings

Size

Adjust the scale if needed. It is recommended to finalize sizing in **CorelDRAW** before exporting rather than scaling at the printer.

Color

Choose **Color** or **Grayscale**. The printer defaults to **Grayscale**, so select **Color** if you want a full-colour print.

Print Quality

- **Fast:** Draft quality, prints quickly
- **Normal:** Standard quality (default)
- **Best:** Highest quality, recommended for final prints (significantly longer print time).

Roll

Select the material currently loaded in the printer: Gloss or Satin.

Rotation

The default setting is **Automatic**.

Printer Margins

Select **Add to Contents** for all jobs.

5. Print Your File

1. Press the **back arrow** to return to the file information screen.
2. Press **Start** to add the job to the print queue.
3. Pull out the fabric catch basin.
4. The printer will begin printing shortly.
5. When the print finishes, it will hang to dry for a minute then cut itself and drop into the catch basin.

Note: Do not remove the USB key until the printer informs you that it is safe to do so.

Tips for Success

- **Allow ink to dry.** Leave the print in the machine for a few minutes after printing before handling to prevent smudging.
- **Handle prints carefully.** Cutting tools and rulers are available in the MakerSpace if you need to trim your print.

Common Issues & Quick Fixes

Problem	What to Do
Print came out in grayscale instead of colour	Open Settings and change Colour to Color before printing.
Design printed at the wrong size	Verify and resize the design in CorelDRAW before exporting. Avoid scaling at the printer.
Design orientation is incorrect	In Settings , change Rotation from Automatic to 0° to control the orientation manually.
PDF file caused printing errors	Convert the design to a Bitmap or JPEG in CorelDRAW and export the file again.
File cannot be found on the printer	Save files with clear, unique names . Generic names (such as <i>final.pdf</i>) can be difficult to identify on the printer.
Printed image is blurry	Ensure the original file is of a high quality. Large prints benefit from larger file sizes.

Need More Help?

If you need additional support:

- Ask MakerSpace staff for assistance at All Levels Access hours.
- Refer to the official HP DesignJet T1300 documentation on the HP website.
- Check the MakerSpace guides for CorelDRAW Basics.