

Patchwork User Manual

1. Application Interface Overview

After launching Patchwork, the interface consists of a top Ribbon toolbar, a center plate canvas, and a bottom status bar. The "Home" tab is active with template library, file import, and export buttons.



2. Load Example Template

Click the "Template Library" dropdown on the Ribbon and select the "example" preset. The template sets plate size to 3000×3000mm, DPI to 600, and auto-imports images from the configured source directory.



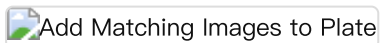
3. View Imported Images

Switch to the "File List" panel to see 3 auto-imported TIFF images. Each shows a thumbnail, dimensions, and DPI. Two images have DPI 600 (green indicator, matching the template), one has a mismatch (red indicator).



4. Add Matching Images to Plate

Double-click images with matching DPI in the file list to add them to the plate. Only images with DPI matching the template can be added. Here we successfully add 2 images.



5. DPI Mismatch Warning

When double-clicking an image with mismatched DPI, a warning appears: "Image DPI does not match plate DPI". The image is NOT added to the plate. This prevents mixing different resolutions.



6. View Plate Layout

Switch to the "Plate" panel to see 2 images automatically placed on the 3000×3000mm plate. Each image has a 10mm margin gap.



7. Best View

The plate auto-zooms to fit the window for the best overview. You can also press Ctrl+G to trigger it manually.



8. Open Export Dialog

Click the "Merge" button on the Ribbon (Ctrl+E) to open the TIFF export dialog. The dialog shows plate dimensions, image count, and DPI.



9. Set Filename and Export

Enter "output" as the filename in the export dialog. The output directory is auto-filled from the template config. Uncheck "Open folder after export", then click "Export" to start TIFF composition. After completion, click "Done" to close. This completes the full workflow.

