

JUMBO BLOCK ENGINEERING SUITE

PDF Merge

User Manual · Version 1.0.0

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1. Overview

JUMBO BLOCK PDF Merge is a deliberately small and simple tool within the JUMBO BLOCK Engineering Suite for combining several PDF files into one and for removing individual pages from a PDF.

The program runs entirely locally in the browser. There is no cloud processing, no upload to a server, and no user account. All processing and the actual generation of the PDF file happen exclusively on the device where the file is opened.

Both core functions — merging and removing pages — are covered by the same mechanism: a single, ordered page list. Adding several PDF files places all of their pages together in this list (merging). Adding just one file and then removing individual rows produces a reduced version of that one file (removing pages).

2. Getting Started

When pdfmerge.html is opened for the first time, the program shows an empty page list with the message "No PDF loaded yet. Start with "Add PDF(s)"."

Nothing is cached between sessions. Every session starts empty; after closing or reloading the page, any previously loaded files and the page order that was built are gone and need to be rebuilt if required.

3. Adding PDFs

Two equivalent ways are available:

- The "□ Add PDF(s)" button at the top of the toolbar opens the operating system's file picker; multiple selection is supported.
- The drop area labelled "Drag PDFs here or click to select": PDF files can be dragged in directly from File Explorer or Finder. Clicking the area also opens the file picker. The area is also keyboard-operable (Tab to focus, Enter or Space to trigger).

Each file is loaded individually; while loading, the status briefly shows "Loading <filename> ...". If a file is not a valid PDF or is encrypted, the message "Could not load "<filename>" (not a valid PDF, or encrypted)." appears. The remaining selected files are processed independently of this.

Every successfully loaded page appears as its own row at the end of the list. Rows are colour-coded on the left edge by source file — each added file gets its own colour from a six-colour palette that repeats if more than six files are added. A summary line above the list reads, for example, "5 page(s) from 2 file(s) · result will be saved in this order".

4. The Page List: Reordering and Removing

Each row in the page list shows the source file name and the page number in the form "Page X of Y", relative to the original file. Three actions are available per row:

- ▲ / ▼ — move the row one position up or down (disabled at the top/bottom of the list)
- × — remove the row from the list (only removes the list entry, not the original file)
- Drag — any row can also be dragged with the mouse to any position within the list; a line indicates during dragging whether the drop will land above or below the target row

The order of the list determines exactly the order of the pages in the output file produced when saving.

5. Saving

Next to the "Add PDF(s)" button is a text field for the filename. It is automatically pre-filled the first time pages are added, following this pattern:

yyyymmdd_hhmmss_pdfmerge.pdf (example: 20260811_093000_pdfmerge.pdf)

The name can be freely overwritten at any time. If the ".pdf" extension is missing when saving, it is added automatically.

Clicking "☐ Save" builds a new PDF file from the current page list in exactly that order. If the list is empty, the message "No pages yet — please add PDF(s) first." appears instead and nothing is saved.

In Chrome and Edge, the operating system's native "Save As" dialog opens — both the folder and the filename can be freely chosen there; the name from the text field is already filled in. If this dialog is cancelled, the message "Save cancelled." appears and no file is produced.

Firefox and Safari do not support this folder selection at all — this is a limitation of those browsers, not of the program. In that case, a persistent note above the page list explains exactly this; the file is then saved automatically under the name entered in the text field, to the browser's default downloads folder.

After saving successfully, the status line shows "Saved as <filename> · SHA-256 <checksum>" — see the "Data Integrity" chapter.

6. Reset

The "🔄 Reset" button clears the page list and removes all loaded source files from memory, including the filename field. If pages or files are already present, a confirmation prompt appears first: "Really reset? All loaded files and the current page order will be lost." Only after confirming is the reset actually carried out.

7. Language (German/English)

German and English are switched via the shared menu of the JUMBO BLOCK Engineering Suite. The switch affects every label, status message, and note in this program.

8. Data Integrity

After every successful save, the program computes the SHA-256 checksum of the generated PDF file and shows the first 16 characters in the status line. This checksum can be used afterwards to confirm that a given file matches exactly what the program produced at the time of saving.

9. Limitations, Notes and Best Practices

- No page previews: pages are shown as labelled rows ("filename – Page X of Y"), not as thumbnail images. A visual preview would require a second, considerably larger library; the program is deliberately kept small.
- No editing of page content: pages cannot be rotated, no watermarks can be added, and nothing within a page can be changed — only the order and selection of pages.
- Password-protected PDFs: encrypted files are rejected when loading (see the "Adding PDFs" chapter).
- No caching between sessions: after closing the browser tab, all loaded files and the page order are lost unless saved beforehand.
- Save location under Firefox/Safari: these browsers do not offer any folder selection when saving files from the browser at all (see the "Saving" chapter).

10. Quick Reference: Icons and Buttons

Icon / Button	Meaning
 Add PDF(s)	Opens the operating system's file picker; multiple selection possible
 Drop area	Target for dragging and dropping PDF files; clicking also opens the file picker
 Save	Builds the output file from the current page list in the order shown
 Reset	Clears the page list, loaded files, and filename field (with confirmation prompt)
 ▲ / ▼	Move a row in the page list one position up or down
 ×	Remove a row from the page list
 i Note	Only appears in browsers without folder-selection support (Firefox, Safari)