

webPRINT

Via web browser PDFs with max. 500 MB volume can be sent to the A3/A4 single sheet (CS) and large format (CN/CS) printers of Print & Plot (SCC).

Home page

This service is accessible through...

- **Direct URI** ➤ scc.kit.edu/webprint
- **Print & Plot Home page**
➤ scc.kit.edu/printundplot ▶ webPRINT
- From outside the KIT net only via VPN:
➤ scc.kit.edu/vpn

Available printers

"A3/A4 Zentraldrucker", only C. South

- **"CS A3/A4 S/W Zentraldrucker"**
Black&white simplex/duplex laser printers (600dpi, grey shading by dithering).
Stapling: max. 90 sheets (default: ON).
Grammage: only P&P provided 80 g/m² paper
- **"CS A3/A4 Farbe Zentraldrucker"**
Full color simplex/duplex production laser printers (600 dpi).
Grammage: only P&P provided 100 g/m² bright white paper

"Großformatdrucker", Campus South & North

Full color large format printers (720 dpi *EFI Fiery*-RIP) for posters with up to 890 mm width (short edge).

Document characteristics: PDF with **only 1 page** of content (only one artwork per PDF)!

- **CN/CS "Großformat Normalpapierdrucker"**
Grammage: 135 g/m² coated plain paper
 - **CN/CS "Großformat Fotopapierdrucker"**
Grammage: 200 g/m² semi-gloss photo paper
- 🖨️ **Flyer** „04.4 Large Format Printers“ (s. backside)

Important directions

In general...

- Supported file format: **only** PDF
- File size/upload volume: max. **500 MB**

Print options & Creation of PDF

webPRINT supports only a few print options (number of copies, single-/double-sided printout, flipping long/short edge, stapling & staple location [the latter only with A3/A4-b&w-printer]).

Therefore, special (final) page layouts ("Paper Size", "[Multiple] Pages per Sheet", "Booklet Printing") must be determined in advance or at the latest with a PDF printer.

⚠️ **Our recommendations for PDF creation, font embedding, page layout and paper size require a PDF printer! When created with "Save As" / "Export" or Microsoft Print To PDF they cannot be implemented and PDFs created this way often cause problems!**
All • tips in turquoise: only with PDF printer!

🔗 *And certainly it's not a good idea to have PDFs created by third-party online PDF service providers*

either... Therefore: Install a PDF printer that leaves you in control of PDF creation and your data!

Downloads: ➤ scc.kit.edu/pp-pdfdrucker

- **TrueType font embedding:** This important option should **always** be set! It embeds the vector information of the fonts in the PDF, so that the printout has the desired typeface at any given printer, even when printed from a USB-stick:
"Print" ▶ *your PDF printer* ▶ "Printing Preferences" ▶ "Advanced..." ▶ "TrueType Font": **"download as Softfont"**
- **Adobe Reader:** To prevent conversion of b&w or gray scale contents in color and b&w pages to dark color values, select the following options in the PDF printer: "Print" ▶ "Expanded..." ▶ ...
 - ▶ "PostScript Options" ▶ "Language Level: **"3"**"
 - ▶ "Color Management": **"Let printer determine colors"**
- **Password protected PDFs** can't be printed via webPRINT. Workaround: Convert PDF to PostScript file in *Adobe Reader* using "Print" ▶ "Expanded...": **"Print to file"**. Rename file extension from .prn to .ps if needed. Create a new PDF from the PS file with *Adobe Reader*. Upload new PDF with webPRINT.
- **Metallic- and spot colors** can't be ripped correctly. These jobs will be discarded (error status **"Fehler@RIP"** (error while ripping)).

More Important directions

A3/A4 B/W- & Color Centralprinters

- In case of third-party downloaded PDFs, it is recommended to ...

- check the page format of the documents with *Adobe Reader* (see below).
- create a new PDF – in case adjusting the page format - using a PDF printer and then send it to our printers.

📄 scc.kit.edu/pp-pdfdrucker

- Large format (A0, A1, A2) jobs are not automatically adjusted and discarded on the A3/A4 central printers (Info on page format of PDFs in *Adobe Reader*: "File" ► "Properties" ► "Description": "**Page format**").

Create an A3 or A4 PDF from the original document using a PDF printer and the following options and send it to the printer:

1. "File" ► "Print" ► "Printing Preferences" ► "Advanced..." ► "Paper size": "**A3**" or "**A4**"
2. "File" ► "Print" ► "Page Size & Handling" ► "Size": "**Shrink oversized pages**"

Large Format Printers

- The PDF may contain only one page, multi-page PDFs will be aborted (error "**Fehler@Download**" (error@download)).

- As there is **no automatic size adjustment**, implicitly check paper size of PDF before uploading!

In *Adobe Reader*: "File" ► "Properties" ► "Description": "**Paper Size**". For A0, A1 or A2 paper size should meet the following value:

- A0: 841 mm x 1189 mm
- A1: 594 mm x 841 mm
- A2: 420 mm x 594 mm

📄 **Flyer** „04.4 Large Format Printer“

More Informations

P&P home p. 📄 scc.kit.edu/printundplot

Job status 📄 scc.kit.edu/pp-status

FAQ & **Flyer** 📄 scc.kit.edu/pp-faq

Contact

Karlsruhe Institute of Technology (KIT)
Scientific Computing Center (SCC)

Print & Plot
Zirkel 2, 76131 Karlsruhe

☎ 0721 608-43344

✉ printundplot@scc.kit.edu

🌐 scc.kit.edu/printundplot

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04.3 Printing via webPRINT

(PDF-Upload)



Scientific Computing Center