

## webPRINT

*webPRINT* is a interface for uploading PDF documents via web browser to the central single sheet and large format printers of *Print & Plot* at the SCC.

### webPRINT Home Page

This service is accessible through...

- **direct URI** ⇨ [scc.kit.edu/webprint](http://scc.kit.edu/webprint)
- **Print & Plot home page:**  
⇨ [scc.kit.edu/printundplot](http://scc.kit.edu/printundplot) ⇨ *webPRINT*

### Available Printers and File Formats

#### “A3/A4 Zentraldrucker“, only C. South

- **“CS A3/A4 S/W Zentraldrucker“:**  
Black & white simplex/duplex production laser printers (600dpi, grey shading using dithering). Stapling up to 90 sheets.  
**Grammage:** only proprietary paper, 80 g/m<sup>2</sup>  
**Formats:** PDF
- **“CS A3/A4 Farbe Zentraldrucker“:**  
Full color simplex/duplex production laser printers (600 dpi).  
**Grammage:** only 100 g/m<sup>2</sup> bright white paper  
**Formats:** PDF

~~Currently ooo! By selecting the “nur Vorschau erstellen“ button (create only preview), only a preview will be created which may be checked online. Since the job must be ripped first for preview, it will take some time to display the document in the “Vorschau“ page of~~

~~*webPRINT*. The “Druckvorschau“ (print preview) is also available in the navigation panel of *Print & Plot* (⇨ *Druckvorschau*).~~

#### “Großformatdrucker“, Campus South & North

Full color 300 dpi **large format printers** for posters with up to 890 mm width (shorter edge).

- **CN + CS “Großformat Normalpapierdrucker“:**  
**Grammage:** 135 g/m<sup>2</sup> coated plain paper
- **CN + CS “Großformat Fotopapierdrucker“:**  
**Grammage:** 200 g/m<sup>2</sup> semi-gloss photo paper
- **Format:** PDF with only one page of content!

Additional informations ⇨ [scc.kit.edu/pp-drucker](http://scc.kit.edu/pp-drucker)

Currently, preview mode is not available.

### Print Options Within webPRINT

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

Special layouts like “Paper Size”(!), “N-up“, “Booklet” must be predefined whilst creating the PDF file, favorably with a virtual printer driver like *PDF24\**, *PDFCreator\** or *PDFwriter\** (Mac), so that the PDF document matches the desired page layout (not possible with the “Save as“ or “Export“ functions in the “File” menu of your application!).

More tips detailed informations ⇨ [scc.kit.edu/pp-faq](http://scc.kit.edu/pp-faq)

\*-marked products: Source: Internet; free for private use.

Download links ⇨ [scc.kit.edu/pp-tools](http://scc.kit.edu/pp-tools) (tools & drivers)

## Important Directions -

### General

- **Firefox:** Some add-ons cause problems uploading files > 500 kB. Workaround: Disable add-ons in “Firefox menu bar”: “Help” > “Restart with add-ons disabled”
- File size/upload volume: max. **500 MB**
- **Adobe Reader & mixed content** (color and b&w pages): To avoid conversion of b&w- and grayscale tones into dark color values, use these options, when printing directly to printer or creating PDFs: “Print“ > “Advanced“ > > “Color Management“ > “Let printer determine colors“ > > “PostScript Options“ > “Language“ > “Language Level 3“
- **Create PDF files** with a printer driver like *PDF24*, *PDFCreator* or *PDFwriter* (Mac) and not with the “Save as“ or “Export“ function in the “File” menu. These PDFs frequently cause errors in our workflow!
- **Password protected PDFs** can’t be printed via *webPRINT*. Workaround: Convert PDF to PostScript file using the “Print“ dialogue in *Adobe Reader*: “Expanded...“ > “Print to file“. Rename file extension to **.ps** if needed. Create new PDF from 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)).
- **Outside the KIT network** *webPRINT* may only be used via a secure **VPN-connection**:  
⇨ [scc.kit.edu/vpn](http://scc.kit.edu/vpn)

## Important Directions -

### A3/A4 B&W & Color Central Printers

- Supported file formats: **PDF**
- Special page layouts like “**Paper Size**”(I), “**N-up**“ or „**Booklet**“ have already to be considered when creating the PDF file by using the appropriate options of the PDF printer driver (for e. g. *PDF24*, *PDFCreator*, *PDFwriter* [Mac]), i. e. the file must include the proper layout.

The same occurs with downloaded PDF files if PDF security settings allow change of layout. These files too have to be customized according layout preferences by creating a new PDF file using a suitable printer driver.

- The **size of large format documents (A0, A1, A2)** will not be adjusted automatically on the central A3/A4 printers and these jobs will be cancelled. Instead, create from the original document a new PDF file with paper size “A3“ or “A4“, using the following printer options and send this file via *webPRINT* to the printer:

1. “File“ > “Print“ > “Properties“ > “Advanced...“ > “Paper size“ > “**A3**“ or “**A4**“
2. “File“ > “Print“ > “Page Size & Handling“ > “Size“ > “**Shrink oversized pages**“

## Important Directions -

### Large Format Printers

- Supported file format: PDF
- 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, check paper size of PDF before uploading! In *Adobe Reader*: “File“ > “Properties“ > “Description“ > “**Paper Size**“. Paper size should meet the following values:
  - For A0: 841 mm x 1189 mm
  - For A1: 594 mm x 841 mm
  - For A2: 420 mm x 594 mm
- See also ⇨ *flyer* “04.4 Large Format Printer“

### Contact

Karlsruhe Institute of Technology (KIT)  
Steinbuch Centre for Computing (SCC)

Print & Plot – South  
Zirkel 2, 76131 Karlsruhe

Phone: 0721 608-43344  
E-Mail: [printundplot-cs@scc.kit.edu](mailto:printundplot-cs@scc.kit.edu)  
[www.scc.kit.edu/printundplot](http://www.scc.kit.edu/printundplot)

### Publisher

Karlsruhe Institute of Technology (KIT)  
Kaiserstraße 12  
76131 Karlsruhe, Germany  
Editorial staff: Print & Plot, October 2022, R.06.1.01  
[www.kit.edu](http://www.kit.edu)

Karlsruhe © KIT 2022

## 04.3 Printing via webPRINT



Steinbuch Centre for Computing