

Prepress

Guide to Preparing Graphic Files

Introduction

The activity scope of **BIGPRINT HUNGARY** does not include the designing and preparation of graphical materials. For this reason it is essential for the submitted **files** to be in a **printable form** meeting the following conditions:

Dimensions

The dimensions of the images of the graphic files may be variable, starting with the very small ones up to the dimensions of posters, billboards and mega-boards, with the condition that the images within the graphic file have to have dimensions that are proportional to the final dimensions of the graphics to be printed, and in each case the scaling of the image, the percentage of its zooming and the final dimensions of the graphics to be printed have to be indicated.

Colours

The images and texts included in the graphic files have to be proper as regards their colours, and they have to correspond to the client's colour standard. The colour generation technology of the digital printing systems corresponds to system CMYK. This is the reason why the graphic files have to be prepared only in system **CMYK, without direct colours**. We ask clients generally using **PMS (PANTONE)** colours and their own specific "brand" colours to identify these colours with the most appropriate CMYK colours and shades.

Proper colours

The printers of **BIGPRINT HUNGARY** are calibrated to the **ICC** (International Colour Consortium) international colour standard. However, for **communication** between the **graphic studios** and the **printing house** the most suitable device is the "colour proof", in the lack of which we are not able to accept any complaints involving the properness of the colours.

Printing house graphic operator tasks

The **basic** (printing specific) **operator works** (zooming to size, rotation, division to printing strips, RIP, etc.) do belong among the core services provided by **BIGPRINT HUNGARY** in respect of printing industrial products, and as such, they shall not be invoiced.

However, **complex graphic interventions** (disproportional re-dimensioning, re-designing of the graphical elements, changing their colours, replacing their fonts, etc.) shall be executed by **BIGPRINT HUNGARY** only upon the written request of client, and these services shall be invoiced with a fee of **HUF 25 €/hour** (1 hour minimum).

Software, file formats

Illustrator-eps, pdf

Photoshop-tif, eps, psd, pdf

CorelDraw

Remarks

In the case of vector graphics the fonts have to be mapped to curves.

If the graphics shall be prepared in Drw and it shall include embedded images, then a printing ready file format (tif, eps, etc.) has to be saved from it and a preliminary checking is obligatory with the aid of Photoshop or another software that has better colour management features.

Submission of graphic files for medium or large resolution printers

Medium resolution – VUTEk UltraVu™ 5300, NUR Fresco II 3200 8C, NUR Fresco 3200, NUR Fresco 1800

(Technical parameters: www.bigprint.eu)

When preparing the graphic files the **areas of their usage** have to be taken into consideration with paying attention to the type of printing machine that will be used for printing the given material. Generally graphics larger than 2 square meters - e.g. **mega-posters, city-lights, construction nets, etc**, that is, those kinds of files in the case of which, due to their **large size**, medium resolution (medium - 360 dpi) is acceptable - are sent to medium resolution printers.

The graphics has to be prepared with a **scaling of 1:1**, with the following resolution: **100 dpi until 3 m², 80 dpi 10 m², 30 dpi minimum over 10 m².**

Remark: The size of the fonts should not be smaller than **3-4 mm** in the creative design.

Large resolution: Durst Ro 600, Mimaki JV3-160 SP

(Technical parameters: www.bigprint.eu)

The graphics has to be prepared with a **scaling of 1:1, 300 dpi until A1, 150 dpi minimum over A1.**

Submission of files for punching

Cutting machine **Kongsberg XL 44** – contour cutting (digital punching), form cutting, scratching, etching, folding.

We are able to receive **files for punching in Illustrator** or in **ard** format.

If punching drawings are also prepared for the files to be printed, then a min. 5 mm runout section has to be provided.

For the purpose of achieving a perfect result the curves have to be drawn with the aid of the least number of points possible, with paying attention to having continuous curves, and there should be no breaks, open lines or possibly "latent" needless points within the curve.

Data carriers

We are able to receive graphic files on the following data carriers:

Floppy, Zip, CD, DVD, Pendrive

We are not preserving and we are not archiving the data carriers received.

FTP

Uploading to our FTP server may be done through our homepage www.bigprint.eu through menu item CLIENT GATE.

In order to log in to the CLIENT GATE, please register at our homepage. After registration you will receive your user name and password that will be required for uploading the files.

Please do not hesitate to turn with your requests to our Client Service colleagues.