

Herald & Times Print Centre – Glasgow

Transmission Specification

We require the pages to be supplied as single pages pdf's to the dimensions specified as illustrated

PDF FILENAME

Contact the Print Centre for File Naming convention for single page PDF. This code will be unique to the publication.

Tel No 0141 302 6857 or 0141 302 6901

PAGE PLANS

Page Plans provide key information which is stored in the Press and CTP systems. Without this information the Press and CTP systems do not operate. As a result this will incur lengthy delays.

REQUIRED PAGE PLAN & PRINT DETAILS

1. The page imposition plan must contain the following information:

- Pagination,
- Editions
- Change pages
- Colour positions (editorial and advertising)
- Double-page spreads (including Bleed spreads)
- Print run
- Bundle sizes

2. Page plans required no later than 6 hours before Press Start.

3. The Send Site cannot transmit pages until the plans are in the systems.

5. Email Page Imposition plan and Print Details to:

cambuslangproduction@heraldandtimes.co.uk

Alternatively:

CTP Phone number: 0141-302-6857

CTP Fax number: 0141-302-6888

DIGITAL FILE DELIVERY

The only file format that Herald & Times Print Centre can accept is PDF.

PRINT READY PDF REQUIREMENTS

Before creating the PDF file embed ALL elements, convert Pantone to CMYK, convert JPEG files within the document into EPS format. Text Black should be made-up of 100% black, (not CMYK colours)
Save the whole document as an EPSF then convert to a PDF file.

N.B. PDF must be a SINGLE page PDF.

All fonts must be embedded in the PDF.

Subsets fonts are not accepted.

Supplied Print Ready PDF's should be generated to Press Quality (ISONewspaper26) settings including any supplied PDF element within the page.

PDF's should be generated to the required dimensions (see Page Size) so that the image is automatically positioned in the correct position on the printing plate by the CTP system.

The PDF filename must correspond with the Naming Convention.

N.B. Failure to provide Print Ready PDF's in the required format could result in PDF's not ripping, not ripping correctly, incorrect positioning on the plate template, error due to incorrect PDF filename.. To which the client would have to correct and re-submit which would incur delays and could result in missing the scheduled print slot. (Herald & Times Centre have no facilities to correct Client's work.)

Test pages are required prior to a live publication.

PDF TRANSMISSION

Host <ftp://filepost2.newsquest.co.uk/>

Username: **Will be provided by print centre**

Password: **Will be provided by print centre**

MONOCHROME IMAGES:

The two main categories of monochrome images are Lineart and Greyscale. Lineart should consist of one single image tone and should be scanned as a bitmap image at a resolution appropriate to the degree of detail within the image.

The bolder the image, the lower the resolutions; finely detailed images require a higher resolution. Greyscale images consist of a range of tones from highlights through to shadow. All images must be presented as single EPSF files from within the applications listed in item 2.

Lineart:

Scan: Lineart/Bitmap at appropriate resolution.

Greyscale:

Scan: Greyscale

Save as EPS: to include halftone screens and transfer function specified below

Screens: Frequency 100 lpi, Shape Round, Angle 45 deg

Transfer: 0-0 50-30 90-85 - Set on transfer curve

Printing Ink Setup: Euro Standard Newsprint, Dot Gain 22%, Colours Same

Separation Set Up: Black limit 85%, Total Ink 260%

COLOUR SPECIFICATION:

The following Colour Specification should be adhered to in all cases.

Screen ruling: 100 lpi Round dot.

Screen angles: C105 M75 Y90 K45

Minimum dot sizes: 3%. This need only apply where highlight detail must be retained. The dot size in catchlights or similar highlight areas can be smaller or eliminated altogether.

Mid tone dot sizes: 35%.

Maximum dot sizes: 85% in neutral areas. This can be exceeded to suit certain colour subjects providing the maximum tonal value for all four colours does not exceed 260%. A tonal value in excess of 90% will print as a solid.

Grey balance: Cyan 50 Magenta 35 Yellow 35.

GCR: Gray component replacement

Sequence: Cyan. Magenta. Yellow. Black.

Dot gain: 22% measured at 50% patch.

Tolerance: +/- 2% uniformly up/down.

Densities: Cyan 0.8, Magenta 0.8, Yellow 0.70, Black 1.10.

Tolerance: +/- 0.1% uniformly up/down.

Reverse Lettering: Reversals should be made using a minimum of colour. Where reversals are necessary out of two or more colours, it is advisable to use the dominant colour for the shape of the letters and make the letters of the less dominant colours slightly larger (trap or spread) in order to reduce register problems. Small type faces, particularly serif faces, should be avoided.

As a general rule, 12pt should be the minimum point size.

Solid Backgrounds: Where a large dark solid or black background, with reversal text is to be printed, it is especially recommended that the black print be solid with an additional 40% cyan print underneath the black, to provide satisfactory solid density and to improve the overall quality of the printed image.

Solid black backgrounds should not be reproduced using all four process colours.

Proofing: Proofs should be able to reflect the above dot gain and ink densities. Digital onto newsprint stock are the preferred option. It should be noted that we are unable to achieve an exact match to any other proofing format and these are only accepted on this understanding.

NB: When supplying a mono stand-by for colour, the monochrome image must comply with the monochrome specification.