

Discovery Print — Basic Page Preparation/Submission Guidelines

Customers should take care to ensure that images and page PDFs are prepared to industry standard guidelines for newspaper coldset printing on newsprint.

The guidelines below cover some of the important basics only.

If you don't have experience in the preparation of images and pages for newspapers, and wish to discuss this in more detail, then please contact one of our contract print staff on 01382 777777

IMAGE/ARTWORK PREPARATION:

Input (Scan) Resolution:	200dpi (If an image is to be enlarged by more than 125% then please use a higher input resolution to help avoid poor reproduction quality)
Output Resolution:	Pages will be output to our PlateSetters at 1200dpi, with halftone images being screened at 100lpi
Image Format:	<p>Images should be manipulated in RGB mode (using CMYK preview) before converting them to the CMYK format for inclusion in your pages.</p> <p>The ISOnewspaper26v4.icc profile can be used to both preview and convert images. As well as converting colours into the limited newsprint colour gamut the profile also ensures that dot curves are compensated to allow for dot-gain on our presses (between 18%-26% in the mid-tones)</p> <p>The profile can be downloaded from our web site at: <i>Download path to go here!</i></p> <p>There is also an ICC profile for outputting greyscale images (ISOnewspaper26v4_gr), which can be download from here: <i>Download path to go here!</i></p>
TAC	<p>The maximum CMYK ink coverage on output is 240%</p> <p>This would normally be handled by the ISOnewspaper26v4 ICC profile when converting images to CMYK.</p> <p>However, when creating tonal areas on the page, please ensure that no combined area exceeds the 240% maximum.</p>
Spot Colours:	We do not print spot colours. Therefore, all Pantone/spot colours must be converted to CMYK.
Screen Angles:	D C Thomson's preferred screen angles will be applied during our page output process
Reproduction Issues:	<p>Small type, particularly serified type, reversed out of multi-coloured backgrounds will not reproduce satisfactorily and is not recommended.</p> <p>When printing on a high-speed newspaper press variation will happen. This means sometimes there is a possibility of mis-registration.</p> <p>Please ensure that text reversed out of coloured backgrounds uses a sufficient point size (recommended 10pt minimum) and font weight characteristic to reproduce satisfactorily.</p> <p>When mixing colours it should be possible to achieve a similar hue and saturation from 2 rather than 4 process colours.</p> <p>Four colour registration black is not to be used. All mono work should be represented as true mono not CMYK mono or registration black.</p>

PAGE PDF PREPARATION:	
Format:	All pages must be submitted as CMYK Acrobat PDF v1.3 files (one page per file) No crop marks or page furniture to be added to pages
Image Resolution:	200dpi
Fonts:	All fonts must be embedded (Embed subset option can be used to reduce file sizes)
Filenames:	Filename convention to be agreed by both parties in advance
Additional Info:	Please note that we are unable to amend the content of your PDFs. If any corrections are required then the relevant page(s) must be re-supplied.
PAGE SUBMISSION:	
Transmission Method:	Pages are to be transmitted via FTP (File Transfer Protocol) FTP Connection details will be supplied to customers in advance to accommodate page testing and setup
Deadlines:	Deadlines and print times will be agreed in advance. Late pages will be accepted on the understanding that this may impact on print times