

## Printing Guidelines

# Large Format Flatbed [with White Spot Colour]

Large format flatbed printing has the advantages of being able to print direct onto a wide variety of substrates, from vinyl to wood and metal.

### Applications supported:

We support files from the following applications:  
Adobe Illustrator, InDesign, Photoshop and Quark XPress.

Files from other applications may be supplied as EPS files but please be aware that these will be printed as supplied and we can't be responsible for errors resulting in them not following these saving guidelines.

### Fonts:

Please make us aware if you have used any special character or ligatures. **Documents that use OpenType, True Type or Multiple Master fonts must be outlined** as our RIP's will not accept these formats. Do not use Quark's pseudo style buttons, i.e. bold, italic etc.

### Can I use Transparency and Gradient Meshes?

Elements that use transparency or gradient meshes should be rasterised or flattened. When rasterising elements in Illustrator, aim to have a resolution of approx. 100ppi when printed at full size. (If colour matching is required please do not flatten or rasterise).

### Please supply visuals:

**Up-to-date colour visuals must be supplied for all jobs.** It is vital that we have these so that we can maintain our quality control and ensure you receive correct prints.

Please state on the print if we are to colour match to the visual otherwise it will be accepted that it is for content only. No liability can be accepted for jobs that are supplied without visuals.

### Colour matching:

**As standard we match as close as possible any Pantone colour references in your documents<sup>1</sup>.**

If you have a specific colour critical Pantone or spot colour we can either supply a colour test print/colour chart (*for a small fee*) or provide you with a CMYK colour breakdown. Please note that the Flatbed printing process can't reproduce metallic, fluorescent or very vivid colours.

## Overview:

### Available substrates:

Canvas  
Wood  
Glass  
Metal  
virtually any substrate up to 30mm thick!

### Printer colours:

4 Colour process & White spot colour

### Maximum printed size:

Max. printed width: 1596mm

### Applications supported:

Adobe Illustrator, InDesign,  
Photoshop and Quark XPress

### Proofs:

Always supply up-to-date colour proofs

### Colour matching:

As standard we match all Pantone references in your documents<sup>1</sup>.

### Image bleed:

Allow a **minimum of 3mm bleed** on documents<sup>2</sup>

### Fonts:

Accepted font types: Type 1 or Type 2.  
(Outline documents that use OpenType, True Type or Multiple Master fonts)

### Transparency & Gradient Meshes:

Flatten transparency and gradient meshes for all artwork that doesn't require colour matching.

<sup>1</sup> Matched as close as possible within the gamut of the output device.

<sup>2</sup> See table for exact amounts of bleed to add.

## What resolution should my scans be?

Your scans should be roughly 100ppi when printed at full size. Below is a table with some file sizes you should expect.

Width in mm										
RGB	250	500	750	1000	1250	1500	1750	2000	2250	2500
250	3	6	9	12	14	17	20	23	25	28
500	6	12	17	23	28	34	38	45	50	56
750	9	17	25	34	42	50	59	67	75	84
1000	12	23	34	45	56	67	78	89	100	111
1250	14	28	42	56	70	84	97	111	125	139
1500	17	34	50	67	84	100	117	133	150	167
1750	20	38	59	78	97	117	136	156	175	194
2000	23	45	67	89	111	133	156	178	200	222
2250	25	50	75	100	125	150	175	200	225	250
2500	28	56	84	111	139	167	194	222	250	278

File size in Mb

Width in mm										
CMYK	250	500	750	1000	1250	1500	1750	2000	2250	2500
250	4	8	12	15	19	23	26	30	34	37
500	8	15	23	30	37	45	52	60	67	74
750	12	23	34	45	56	67	78	89	100	111
1000	15	30	45	60	74	89	104	119	133	148
1250	19	37	56	74	93	111	130	148	167	185
1500	23	45	67	89	111	134	156	178	200	222
1750	26	52	78	104	130	156	182	207	233	259
2000	30	60	89	119	148	178	207	237	267	296
2250	34	67	100	133	167	200	233	267	300	333
2500	37	74	111	148	185	222	259	296	333	370

File size in Mb

## What scale should I work to?

When creating your artwork you can work to any sensible scale such as 1:2, 1:4 or 1:10, our RIPs will enlarge the artwork to the desired size.

## Should my scans be RGB or CMYK?

RGB scans are preferred although CMYK scans can be used if they have embedded profiles.

## Colour profiles:

For RGB images use Adobe RGB (1998) and CMYK use Euroscale ISO Coated FOGRA27. A set of output profiles for the Lambda are available on request.

## How much bleed should I add?

Use the following table as a guide to how much image bleed to add:

DOCUMENTS LONGEST LENGTH (when printed at full size)	AMOUNT OF BLEED
500mm <	3mm
500 > 1000mm	5mm
1000 > 2000mm	10mm

DOCUMENTS LONGEST LENGTH (when printed at full size)	AMOUNT OF BLEED
2000mm +	20mm
SYSTEM GRAPHICS	20mm
DDC CUTTING	3mm

For wrap mounted prints allow for the thickness of the substrate + 25mm to wrap around.

## How can I get my files to you?

You can supply your files on CD, DVD, Hard Disk, email (up to 15Mb) and via FTP. The 'Artwork Upload' facility is available from our website or click the button below. This facility enables you to upload your artwork to us (via FTP) without all of the hassle of log in details and passwords!

