

Lake Book Mfg. - Electronic PrePress Services

Plate Ready Digital Files

Customer Will Supply:

Text Plate Ready Files:

Applications Files

Supported Applications:

- Quark Xpress Versions 3.32 - 4.1 –5.0 – 6.0 (Mac or Windows)
- Adobe InDesign 2.0 to CS2 (Mac or Windows)
- Adobe Illustrator 6 to Illustrator CS2 (Mac or Windows)

Requirements:

- Application files must be supplied with all high res images linked in place.
- All fonts, Screen & Printer, must be included (include any fonts used in embedded EPS files).
- Any special Extensions or Plugins should be supplied with job. (examples- French Hyphenation or Math Tables)
- Design must require no trapping or only basic trapping, meaning single style entire page traps supported by Creo Prinergy automated trapping software. Any complex trapping is additional and will be re-quoted.
- All Vector Art files converted to Photoshop CT images Must be fully trapped as conventional trapping will not do this.
- Supplied proofs are to be created from the EXACT SAME FILES supplied

Final Output Files

Supported File Types:

- PDF (preferred format using LBM Distiller Job Options or X-1a or X-1b)
- Postscript
- EPS Complete Pages

Requirements:

- All fonts must be fully embedded
 - include all fonts in embedded EPS files)
 - Do not subset fonts in PDF files
- All high resolution images must be embedded within the files.
- All colors are to be properly defined to allow proper separation.
- 1 color Web Images should be curved for a 3% to a 85% for best reproduction
- 4 color images should be curved for a 3% to a 95% for best reproduction
- All images touching the trim should have a minimum of .125 bleed
- All Marks **MUST** be 12pts from Trim size of book, Any files with less then this may require they be resubmitted.
- All Blank pages must be included in the PDFs or PS files. If not a cover letter indicating where blank pages are to be inserted should be included.
- Supplied proofs are to be created from the EXACT SAME FILES supplied

Cover and Jacket Plate Ready Files:

Final Output Files

Supported File Types:

- PDF (preferred format using LBM Distiller Job Options)
- Postscript
- EPS Pages

Requirements:

- All fonts must be embedded.
 - include all fonts in embedded EPS files)
 - Do not subset fonts in PDF files
- All high resolution images must be embedded within the files.
- All Covers & Jackets, should be built to the Supplied layout Spec sheet.
- Create Hard Cover layouts with the full un-trim dimension, with all turn in and bleeds within the page size. Any elements touching the 5/8 turn in must also extend into the turning for production Requirements.
- Create Soft Covers & Jackets to the Trim size with .125 bleed where applicable
- Supplied proofs are to be created from the EXACT SAME FILES supplied
- Verify All dimensions & bleeds are sufficient as additional charges may apply to rebuild incorrect files.

Lake Book Manufacturing Will Perform:

- Final Imposition
- Provide final trapping – Customer traps will be removed when possible (LBM can not guarantee quality of customer trapped files)
- Prinergy trapped PDF supplied files will be used as supplied, Limited checking will be done to verify traps. It is the responsibility of the supplier to verify these types of trapped PDF files meet industry standards.
- RIP Imposed Postscript Files
- Create Digital Blueprints for Customer Approval
- Create Digital Plotter Proofs for in house quality control
- Create Digital Plates

LBM will accept application files, PDF or Postscript files created by the following applications:
Quark Xpress 3.32 or higher (Mac or Windows)
Adobe InDesign 2.0 or higher (Mac Or Windows)
Adobe Illustrator 8.0 or higher (files created should not use transparency)

Postscript files should be saved as composite PS files using one of the following drivers. (PS files must be output as separated if trapping must be done by Quark Xpress).

- Mac – Laserwriter 8.6 or Adobe 8.7.3 with Linotronic 300 PPD (for Quark 4.11 use Laserwriter 8.6)

Windows 9x & Windows XP – using Adobe PS driver 4.1 or greater

- Scenicsoft PXT 2.0 to 3.3 Quark Xpress Xtension
- Windows 2000 (LBM cannot guarantee support for PS files created in Windows NT due to limitations in the Windows NT Postscript driver, and Windows XP is not qualified yet)

Image and Illustration files should be supplied in standard single file EPS or TIFF format. Do not use separated format such as DCS1, or DCS2, and do not use the JPeg format. DCS2 single file format is acceptable. We recommend that you do not compress images with LZW compression. This type of compression can introduce image quality defects when processed.

LBM is not responsible for, and will not correct, any internal errors in supplied Postscript or PDF files. Typically these errors are caused by the design or specific settings in the original layout application prior to, and/or during the process of creating the Postscript or PDF files.

There are a wide range of problems in supplied files that will prevent direct output of film or plates. These problems will require new files to be submitted or LBM troubleshooting and correction at an extra cost. While a complete list of possible problems is beyond the scope of this document and probably impossible, there are many common problems that can be avoided.

***Note:** Any files deviating from the specifications and requirements defined within this document will be subject to Lake Book review, production delay, and appropriate re-quoting. LBM can troubleshoot and correct most problems with supplied application files with additional expenses charged at appropriate time and material rates. LBM cannot guarantee errors can be fixed in supplied locked final file formats, such as PDF (with security set) and Postscript files. These file formats may require new files to be supplied before proceeding with the job.

The Baker's Dozen of Common File Problems to Avoid

1. **Missing Fonts:** – Include all Screen and Printer fonts used within an application file including those used in any embedded illustrations. Embed all fonts in EPS, Postscript or PDF files.
2. **True Type, CID or Multiple Master Fonts Used:** – Use only Adobe Type 1 fonts.
3. **Missing or Modified Images:** – Include all images used in the document including those embedded in illustrations or nested images. Be sure the application Images are the latest versions and not Modified in the image listings.
4. **Overprint or Knock Out settings wrong:** – Verify proper settings in the layout or illustration application for all elements and type.
5. **Wrong Document Dimensions:** – Be sure all the document's trim and untrim dimensions are correct with a minimum 1/8" bleed.
6. **Crop Marks Too Close or Within Trim:** - All marks should be 12pts outside Trim size
7. **Poor or Missing Clipping Path:** – Be sure all EPS images have proper clipping path defined to ensure proper imaging of only the area of the image desired and avoid white leaks.
8. **TIFF Picture Box Background Set to "None":** – TIFF images can look ragged if the picture box background is set to none. The background should be set to white or a color matching any other object the picture box is touching.
9. **Rules set to Hairline:** – The hairline setting of layout applications is defined as a single pixel width which becomes invisible when output on a high resolution device. Always set all rule widths to a specific setting greater than .25pt.
10. **Final Output doesn't Match Supplied Proofs:** – Always provide proofs created by the exact same files provided for final output. Provide only the final files use to create the proofs.
11. **Inappropriate file format or compression:** - Jpeg is a lossy file compression scheme, designed for on screen presentation. It is not an appropriate file format or compression scheme for print production as it intentionally discards image data to shrink files size. What might look fine on screen, most likely will not look the same on press.
12. **Extra Color Plates at Final Output:** – Always ensure all special colors designations defined within a document are converted to CMYK before the final saving of the document (unless of course, a special color is intended to print as an extra unit on press).
13. **Too Many Files Not Enough Information:** - Supply only the final files intended to be output. Do not include work up files or multiple versions of the same files. Always use clear naming conventions for all files including layout, images and illustrations. Never rename font files. Never use the same name for different images or illustrations. Provide clear documentation for all supplied files and clear instructions with hard copy to ensure the EPC operators fully understand your expectations for final output.

Lake Book EPC Complete PrePress Services

Lake Book provides a complete line of Electronic PrePress Services beyond supporting "Plate Ready Digital Files. These services can be estimated by your Lake Book representative. The following is a list of some of the services offered.

Scanning Services

- 4 Color
 - Transparencies
 - Reflective Artwork
- 1 Color
 - 8 Bit Grayscale
 - 1 Bit Bitmap
- Copydot
 - From 1/C Film
 - From 4/C Film

Desktop Publishing Services

- PreFlight and File Verification
- Layout Design & Editing
- Image Editing, Outlining & Color Alteration
- Image Outlining
- Trapping – Basic
- Trapping – Complex
- File Troubleshooting
- Font Conversion / Matching
- Bar Code Creation

Proof Output

- 4 Color
 - Kodak Approval
 - Imation Doc 12
- 1 & 4 Color
 - Laser Copy
- Imposition
 - Creating Preps Layouts
 - Digital Blue Lines (Folded 1 color)
 - Plotted Proofs (single sided 4 color)

Final Output

- Film
- Plate

File Management

- Archive File Storage
- Archive File Retrieval
- CD / DVD Production