Adobe℠ Customer Services

Berthold® Typefaces

People sometimes notice that their Macintosh screen takes longer to redraw or scroll when using typefaces from Adobe's Berthold Exklusiv collection. This is a correct and normal occurrence for these typefaces.

Berthold fonts are premium typefaces, made to the specifications of H. Berthold A.G. of Berlin. These fonts have approximately four to five times the number of kerning pairs as other fonts, and consequently take longer for your Macintosh to redraw on the screen. (Kerning pairs are spacing information for specific two-letter combinations built into the bitmap font. When the computer detects these letter combinations, it uses the kerning information for the letter pair to adjust the spacing between the letters.) The price paid for slower screen redraw is more than made up by a more attractive PostScript™ output.

There are a couple of things you can do to minimize slower screen redraw with Berthold fonts:
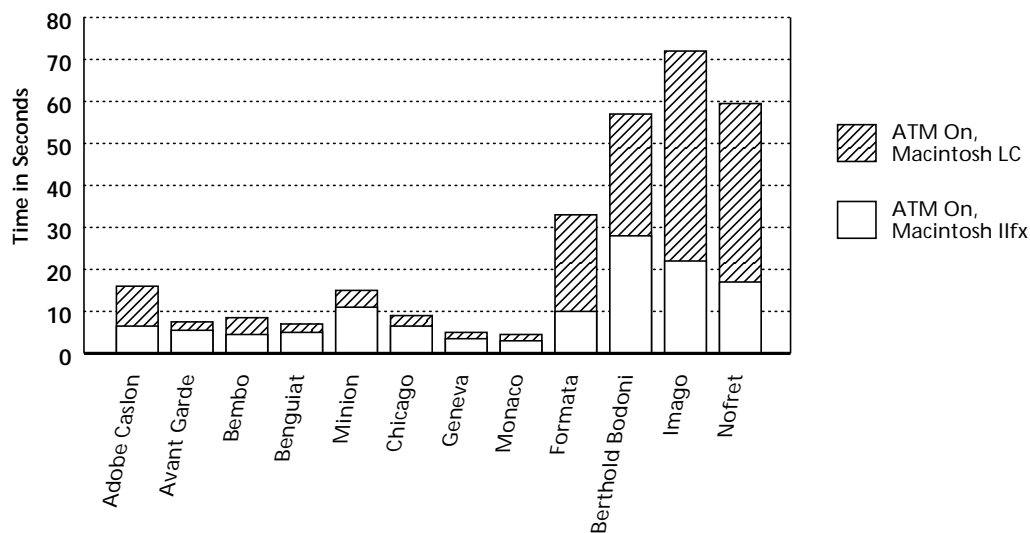
• Use a Macintosh with a faster microprocessor.

• Limit the number of sizes and/or styles of the typeface used within a document.

• For Adobe Type Manager™ (ATM™) users, increase the size of your font cache appropriately for the amount of ram your machine has: 1 meg = 96K cache; 2 meg = 128K; 2.5 meg = 196K; 4 meg = 256K; 8 meg and greater = 512K.

Included on the following page are some graphs of screen redraw times in PageMaker® 4.01 for various typefaces on a Macintosh LC and IIfx with System 6 software, and no TrueType™ fonts. Use these times as a guideline for what you should expect on your system.

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If your times are significantly longer than the times illustrated here, we have found that it is usually because of corrupted data or application files.

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