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## Non-Postscript Printers: Solution to Printing Large Characters

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### TOPIC -----

I'm having a problem writing large characters on a Personal LaserWriter SC. Printed characters larger than 18 point are being cut off near the bottom. For example, if an "f" is printed, most of the part below the crossbar is missing.

### DISCUSSION -----

The Personal LaserWriter SC suffers from the same problem as the LaserWriter IISC and the ImageWriter LQ: when printing outline, bold and shadow text in 18 point or larger type sizes, some parts of the characters may be omitted and/or garbled. The problem usually occurs when 4X fonts are used. Installing more system RAM and/or allocating more memory to the application will have no effect on the problem.

In March of 1991, this problem is fixed by using TrueType-compatible printer drivers. Apple introduced the TrueType font scaling software which is bundled with both the StyleWriter and the Personal LaserWriter LS printers. The TrueType compatible drivers are available on a Macintosh Printing Tools disk which contains the drivers for the following printers:

Printer -----	Version -----
LaserWriter	6.1
ImageWriter	6.1
AppleTalk ImageWriter	6.1
Personal LaserWriter SC	6.1
Personal LaserWriter LS	1.0
ImageWriter LQ ImageWriter	6.1
ImageWriter LQ AppleTalk ImageWriter	6.1
StyleWriter	1.0

In May of 1991 another solution was made available with the release of System 7. System 7 includes a new Printing disk and Tidbit disk which contain printer drivers for the following:

Printer	Version
-----	-----
LaserWriter	7.0
Personal LaserWriter SC	7.0
ImageWriter	7.0
AppleTalk ImageWriter	7.0
LQ ImageWriter	7.0
LQ AppleTalk ImageWriter	7.0

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