Tech Info Library

MacDraw II: Scaling Discrepancy with LaserWriter Printing

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TOPIC ---

I have a problem using MacDraw II and a LaserWriter IISC (Printer Driver 1.1).
When I try to print a line with a width of 0.5mm or smaller, lines with widths
0.5mm, 0.3mm, and 0.1mm print the same size.

The MacDraw II Reference Manual says that if your printer is a LaserWriter, for
example, lines can be as small as 1/300 inch. Can you tell me what's causing
my problem?

DISCUSSION ---------------------------------------

We tested MacDraw 1.0 and the latest release, MacDraw 1.1v2, on a LaserWriter
IISC, LaserWriter IINTX, and LaserWriter Plus. Driver versions used included
LaserWriter 5.2 and LaserWriter IISC 1.1. We used a Macintosh II and a
Macintosh Plus running KanjiTalk 6.0.2.

We were able to scale a line to at least 0.1mm. Choosing anything smaller
had no effect on the output. Though we could print all sizes to 0.1mm (for
example, 0.5, 0.4, 0.3, 0.2, and 0.1) successfully, we were not able to
print to 1/300 inch (0.083mm) as the MacDraw manual states.

CLARIS is aware of this scaling discrepancy in the LaserWriters output, and
though they have a utility (available from CLARIS upon request) for improving
the resolution of ImageWriter output, they have no solution for your problem as
of December, 1989.

If you need the additional 0.017mm resolution, you should consider using
another graphics program.

For more information, search under: "CLARIS"

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