## **Linotype-Hell**

# Technical Contents Information December 1993

Note: All articles are numbered sequentially. Please add each new article at the end of the 1993 Articles section. Replace the September index with the December index. This is the final table of contents. The notebook is complete.

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#### **Errata**

This section contains a brief listing of known mistakes or misleading typographical errors that have appeared in the Linotype-Hell Technical Information series.

#### 1993 Notebook

**Technology Update: Diamond Screening** – The chart on page 53 lists an addressability setting (847 dpi) that does not exist for Herkules.

#### 1992 Notebook

**Calibrating on Imagesetter Paper** – On the last page of this article, in the section called *How to choose an n value*, the n value is a misprint. Where it reads 1.7, it should read 1.45.

**Blends and shadestepping** – On the third page of this article, the example at the top of the page shows a calculation:

**Grays** = 
$$(2540/150)2 = 286.7$$

This should read:

**Grays** = 
$$(2540/150)^2 = 286.7$$

Similarly, directly below, the sentence:

**Grays** = 
$$(1270/150)2 = 71.68$$

Should read:

**Grays** = 
$$(1270/150)^2 = 71.68$$

**Scanned File Size** – On the last page of this article, in the *Formulas* section, a similar error occurred. It should read:

(Tonal resolution/8) x (Spatial resolution)<sup>2</sup> x (Dimensions) = File Size (bytes/sample) (samples/in<sup>2</sup>) (in<sup>2</sup>) (bytes)

Below that, the formula should read:

$$((8/8 \times (300)^2 \times 80) / 1,048,576 = 6.9 MB$$

### Important information

This is the final update for the 1993 Linotype-Hell technical information notebook. The 1994 notebook will be available shortly. If you have an active Linotype-Hell service contract or are a Linotype-Hell User Group member as of January 1, 1994, you will receive a single complimentary copy of the 1994 notebook. In addition, if you are not currently a Linotype-Hell service contract or a Linotype-Hell User Group member and become one during 1994, you will receive a complimentary 1994 notebook. If you are currently a subscriber, this will be your last mailing unless you order the 1994 notebook. Please call 1-800-842-9721 to order the 1994 notebook.