



TECHNICAL SPECIFICATIONS

PageMaker for the Macintosh: Version 2.0

PageMaker® desktop publishing software integrates text and graphics, allowing users to design, edit and produce high-quality communications. In combination with a laser printer, PageMaker produces near-typeset quality output at a fraction of the time and expense required by conventional production techniques. Combined with a Linotronic™ 100 or 300, a PageMaker/Macintosh™ system is capable of producing true typeset-quality output at resolutions of over 1,200 dots per inch.

PageMaker was introduced to the market in July 1985. It is currently available in seven foreign languages and is generally considered to have set an international industry standard for power, versatility and ease of use.

PageMaker version 2.0 includes over 20 new features, many

of them suggested by users. Highlights include kerning, automatic hyphenation, interactive facing pages, support for file sizes up to 128 pages, and file compatibility with both PC-based word processors and documents produced with PageMaker 1.0 for the PC.

PageMaker 2.0 also supports the gray-scale tag image file format (TIFF). Gray-scale TIFF enables scanners to produce and PageMaker to read, high-quality photographs and illustrations, reducing users' reliance on costly outside services. With 2.0's mirror and invert printing features, PageMaker can also print scanned images directly to negatives using an Allied Linotronic imagesetter.

The number of hardware and software options available to Macintosh users and supported by PageMaker is continuously growing. This technical specifications sheet will be revised frequently to reflect these new developments.



PageMaker®

PAGEMAKER FOR THE MACINTOSH: SY

Hardware

Recommended System Configuration

- Apple® Macintosh™ Plus, Apple Macintosh II, or Apple Macintosh SE, and a hard disk

Laser printer output: Apple LaserWriter™, Apple LaserWriter Plus™, or other PostScript®-compatible laser printer for the Macintosh

Typeset-quality output: Allied Linotype® Linotronic 100 (up to 1,270 dpi) and Linotronic 300 (up to 2,540 dpi)

Minimum System Configurations

- Apple Macintosh 512 Enhanced and 800K external disk drive
- Apple Macintosh 512 and hard disk

Large Screen Monitors

- Radius FPD™
- E-Machines The Big Picture™

Scanners

- Abaton™ Scan 300™
- AST Research AST TurboScan™
- Datacopy JetReader™, Model 730
- DEST PC Scan Plus
- New Image Technology Inc. MacScan™ and Magic™
- Koala Technologies MacVision™
- MicroTek MS-300A
- Thunderware® ThunderScan®

PageMaker imports scanned images in the MacPaint and gray-scale tag image file format (TIFF) formats.

Printers

- Apple ImageWriter™ I, II or wide carriage
- Apple LaserWriter and LaserWriter Plus
- Dataproducts® LZR 2665™
- QMS PS800™
- Texas Instruments OmniLaser™2108, 2115

In general, PageMaker supports PostScript-compatible laser printers that interface with the Macintosh.

Typesetters

- Allied Linotype Linotronic 100 (up to 1,270 dpi) and Linotronic 300 (up to 2,540 dpi)

Print Spoolers

PageMaker will support spooling through the Apple printer driver or any spooler that adheres to the print spooling protocol developed by Aldus, Adobe Systems and Apple.

Software

Word Processors

MACINTOSH-BASED

- MacWrite™
- Microsoft® Word versions 1.05 and 3.0
- Microsoft Works
- WriteNow™
- ASCII files

Other: Aldus Corporation is currently working with several additional software developers on compatibility between their Macintosh-based word processors and PageMaker.

Reciprocal compatibility: There is compatibility between PageMaker 2.0 and Microsoft Word 3.0, which allows stories typed (or edited) in PageMaker to be exported as Word 3.0 files.

PC-BASED

PageMaker 2.0 for the Macintosh accepts files generated in a number of PC-based word processors, retaining their formatting and type specifications in transit.

The following PC-based word processors will be supported by installable import filters from Aldus:

- WordPerfect™
- WordStar®3.3
- XyWrite III™

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SYSTEM CONFIGURATION NOTES

- IBM DCA format files (including Lotus Manuscript®, Samna Word™, DisplayWrite™, WordStar®2000, Office Writer and Volkswriter 3™)

The following PC-based word processors are supported through conversion programs from other vendors:

- Microsoft Word
- Windows Write
- MultiMate™

Other: PageMaker 2.0 also accepts ASCII files from a number of additional PC-based word processors.

Graphics Programs

The following graphics programs can be placed directly into PageMaker 2.0:

- Cricket Draw
- Cricket Graph
- FullPaint™
- Illustrator™
- MacDraw™
- MacDraft™
- MacPaint™
- Encapsulated PostScript (EPS) files
- SuperPaint

Other: Other graphics programs that export files in the TIFF, PICT, EPS or MacPaint formats are supported by PageMaker 2.0.

A number of additional graphics programs — including Jazz®, Easy 3D™, MGMStation™ CAD and Excel — are supported via the Clipboard.

Glue: Glue™, by Solutions Inc., works with PageMaker 2.0 to allow users to import files from any Macintosh application that supports Glue, regardless of whether it supports PageMaker directly.

PictureBase: PictureBase™, a desk accessory from Symmetry Corporation, works as an art management system so users can quickly place graphics in PageMaker 2.0 without going through the standard Macintosh File menu.

PAGEMAKER FILES

PageMaker files created with Macintosh version 2.0 or PC version 1.0a can be transferred between the two environments via a communications link. Documents created in one environment can be opened and worked on in the other. Formatted text, bit-map graphics, scanned images, and PostScript files will remain intact during transit. Graphics created with MacDraw, Windows DRAW™ and similar programs will not come across directly.

Downloadable Fonts (vendors)

- Adobe Systems
- Century
- Cassady
- Other PostScript-compatible fonts

Over 100 typefaces are now available in the PostScript environment.

Networks

PageMaker works with a variety of networks and file transfer programs. File servers are networking environments that include data management and communications software. File transfer software is used to transfer files between the Macintosh and PC environments. Disk servers are used to partition hard disks into private, shared, and public volumes. To determine the best network for your application, consult your PageMaker reseller.

File servers

- AppleShare™
- TOPS®

File transfer

- MacLink®
- PC MacBridge™

Disk servers

- MacServe™
- 3Com®

PAGEMAKER FEATURES

User Interface

- Screen functions as an electronic paste-up board, complete with rulers, column guides and a toolbox of design aids
- Pull-down menus
- WYSIWYG (what-you-see-is-what-you-get) screen display
- Five page views: full page, actual size, 200% enlargement, and 50% and 75% reductions
- A highly intuitive and interactive environment for electronic page composition
- Many keyboard shortcuts

Document Formatting

- Up to 128 pages per file, 9,999 pages per document
- Up to 20 columns per page
- Page sizes up to 17 inches by 22 inches, or 42.5 cm. by 55cm.
- Master pages for recurring design elements and page numbers
- Automatic page numbering
- Independent formatting of left- and right-hand pages
- Ability to override master page formats at any point in the document
- Ability to insert or delete pages

Page Composition

- Complete control over page composition
- Ability to see and work on facing pages simultaneously
- Ability to integrate text and graphics from many sources (see inside pages for a current list)
- Ability to change the number of columns, column widths (both regular and irregular), and column positions page by page
- Ability to resize and reposition text blocks
- Ability to resize and reposition graphic elements

Text Handling

- Powerful built-in text editor for inserting, deleting, cutting, pasting or creating new text
- Ability to change the length, width or position of text blocks on a page or between pages
- Automatic text threading from column to column and page to page so that changes ripple through the entire document
- Ability to present text flush left, flush right, centered or justified — and to change such specifications at any time

Typography

- Type sizes from 4 to 127 points
- Type styles including plain, bold, italic, small caps, all caps, strikethru, subscript and superscript
- Support for a wide range of typefaces (depending on the printer capabilities)
- Support for reversed type
- Complete control over leading (line spacing) in half-point increments
- Control over word spacing, letter spacing and paragraph spacing
- Kerning, both automatic and manual
- Automatic hyphenation and justification, based on a 110,000-word Houghton Mifflin dictionary and user-specified entries of up to 1,300 words
- Prompted and manual hyphenation
- The ability to fill the space between tabbed columns with dots, dashes, underlines or user-specified characters (leadered tabs)
- Em-space, en-space and thin-space characters

Graphics

- Cropping
- Proportional resizing (reducing and enlarging)
- Non-proportional resizing
- Ability to draw lines, squares, rectangles, circles and ellipses in widths from .25- point (hairline) to 12-point
- Rapid repositioning (“fast move” feature)
- Ability to create screens in PageMaker at 10%, 20%, 30%, 40%, 60% and 80%
- Ability to fill in PageMaker-created shapes with 10 patterns
- Ability to place PostScript graphics files (on PostScript-compatible printers)

Printing

- Mirror and invert capabilities for printing directly to film
- Ability to print variable number of thumbnails
- Ability to print oversize pages through its tiling feature
- Ability to print pages without graphics for quick proofs