



# PageMaker Facts and Features

*Version 3.0 for the Macintosh*

Aldus Corporation's PageMaker desktop publishing software integrates text and graphics, allowing Macintosh users to design, edit, and produce high-quality printed communications within an office setting. By bringing production in-house, it gives users complete flexibility and control over the design and production process.

The newest version for the Macintosh, PageMaker 3.0, builds on the strengths of Aldus' original interactive desktop publishing platform to address the communication needs of both business and creative professionals. Specifically, it adds new support for long documents, expanded graphics capabilities, user interface enhancements, and a variety of built-in templates. New PageMaker 3.0 features include:

- Automatic text flow through an entire document
- User-defined style sheets
- 20 complete page designs (templates) for business materials
- Support for spot color
- Automatic text wrap around graphics
- Image controls for scanned photographs and bit-map illustrations

PageMaker 3.0 for the Macintosh also accepts documents produced using the PC version of PageMaker, as well as formatted text files from many PC-based word processors.

In combination with a laser printer, PageMaker produces near-typeset quality output, and combined with a Linotronic, PageMaker is capable of producing true typeset-quality output at resolutions of up to 2,540 dots per inch.

The original release of PageMaker was introduced to market in July 1985. It is currently available in 8 languages and is generally considered to have set an international standard for power, versatility, and ease of use.

*Aldus PageMaker*®

Technical Specifications

January 1988

# Compatible Hardware

## Aldus PageMaker for the Macintosh: Version 3.0

### Recommended System Configuration

- Apple Macintosh Plus, Macintosh II, or Macintosh SE, plus a hard disk
- PageMaker requires System file version 4.1 and Finder version 5.5 or higher

#### Laser printer output:

PostScript-compatible or QuickDraw-compatible laser printer for the Macintosh

#### Typeset-quality output:

Linotronic 100 (up to 1,270 dpi) or Linotronic 300 (up to 2,540 dpi)

### Minimum System Configuration

- Apple Macintosh 512 Enhanced with 1 megabyte of RAM and a hard disk

### Other Computers

- Dynamac portable (Dynamac Computer Products)

### Monitors

- AppleColor High-Resolution RGB Monitor and Apple High-Resolution Monochrome Monitor (Apple)
- Vista 1600 (Cornerstone Technology)
- The Big Picture and The Big Picture IQ (E-Machines)
- MegaScreen SE Video System and MegaScreen Monitor (Micrographic Images)
- FPD (Radius)
- LaserView SE (Sigma Designs)

- Spectrum Graphics Adaptor and SuperMac Trinitron Monitor, and Graphix Monochrome Adaptor and SuperMac Monochrome Monitor (SuperMac Technology)

### Scanners

- Scan 300 (Abaton)
- AST TurboScan (AST Research)
- JetReader, Model 730 (Datacopy)
- PC Scan Plus (DEST)
- ScanJet (Hewlett-Packard)
- MacVision (Koala Technologies)
- MS-300A, MSS-300G, MS-300C, and MSS-300C (MicroTek)
- MacScan and Magic (New Image Technology)
- ThunderScan (Thunderware)

PageMaker imports scanned images in the bit-map (MacPaint) format and the tag image file format (TIFF), including gray-scale TIFF.

### Presentation Graphics

- ImageMaker (Presentation Technologies)

### Printers

- ImageWriter I, II, LQ, or wide carriage (Apple)
- LaserWriter, LaserWriter Plus, LaserWriter II SC, LaserWriter II NT, and LaserWriter II NTX (Apple)

- Dataproducts LZR2665\* (Dataproducts)
- General Computer Personal LaserPrinter (PLP) (General Computer)
- QMS PS800, PS800 Plus, PSJet, and PSJet Plus\* (QMS)
- OmniLaser 2115\* (Texas Instruments)
- Silentwriter\* LC890 (NEC)
- VT-600\* (up to 600 dpi) (Vartyper)

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

\* These printers are supported by Adobe Printer Description (APD) files available on the PageMaker Printer Supplement Disk from Aldus Customer Relations. The APD files are also available from the printer manufacturers and through CompuServe.

### Color Printers

- Tektronix 4693D (Tektronix)

### Typesetters

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

PageMaker supports typesetters such as Compugraphic and Vartyper, using software such as PageSet by EDCO Services and Microsetter by TeleType-setting.

### 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.

# Compatible Software

## Aldus PageMaker for the Macintosh: Version 3.0

### Macintosh-Based Word Processors

- MacWrite (Apple)
- Word versions 1.05, 3.0, and 3.01 (Microsoft)
- Works (Microsoft)
- WriteNow (T/Maker)
- ASCII files

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

*Export Filters:* PageMaker 3.0 has built-in export filters for WriteNow and Microsoft Word versions 3.0 and 3.01. This means that stories imported and edited, or typed, in PageMaker can be exported back to these word processors to update files. Text can also be exported as an ASCII text-only file.

### PC-Based Word Processors

PageMaker 3.0 for the Macintosh accepts files generated in the following PC-based word processors, retaining most formatting and type specifications in transit.

- WordPerfect (WordPerfect)
- WordStar 3.3 (MicroPro International)
- XyWrite III (XyQuest)
- IBM DCA format files (including Lotus Manuscript, Samna Word, DisplayWrite, WordStar 2000, Office Writer, and Volkswriter 3 )

*Other:* PageMaker 3.0 accepts ASCII files from additional PC-based word processors.

### Graphics Programs

Graphics created in the following graphics programs can be placed directly into PageMaker 3.0:

- Adobe Illustrator (Adobe Systems)
- Aldus FreeHand (Aldus)
- Cricket Draw (Cricket Software)
- Cricket Graph (Cricket Software)
- Canvas (Deneba Systems)
- FullPaint (Ann Arbor Softworks)
- MacDraw (Apple)
- MacDraft (Innovative Data Design)
- MacPaint (Apple)
- SuperPaint (Silicon Beach Software)
- Encapsulated PostScript (EPS) files

*Other:* PageMaker 3.0 supports other graphics programs that export files in the TIFF, PICT, EPS, or MacPaint formats.

Additional programs—including Jazz, Easy 3D, MGMStation CAD, and Excel—are supported via the Clipboard.

*Glue:* Glue, by Solutions Inc., works with PageMaker 3.0 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 3.0 without going through the standard Macintosh File menu.

## PageMaker Files

PageMaker files created with Macintosh version 3.0 or PC version 3.0 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, TIFF 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 Font Vendors

- Adobe Systems
- Century
- Cassidy

*Other:* 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. To determine the best network for your application, consult your PageMaker dealer.

## File Servers

- AppleShare (Apple)
- TOPS (Centram)
- 3Com 3Plus Mac (3Com)

## File Transfer

- MacLink (DataViz)
- PC MacBridge (Tangent Technologies)

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This publication was produced with Aldus PageMaker and Aldus FreeHand and printed to the Linotronic 100.

# PageMaker Features

## *Aldus PageMaker for the Macintosh: Version 3.0*

### User Interface

- Screen functions as an electronic pasteup board, complete with rulers, alignment guides, and a toolbox of design aids
- Support for latest Apple user interface\*
- On-screen palettes for quick color selection and style sheet formatting\*
- Automatic page turns during text flow\*
- Many keyboard shortcuts
- Six page displays
- Color ruler and column guides\*
- WYSIWYG (what-you-see-is-what-you-get) screen display

### Page Composition

- Text and graphics imported from many sources (see previous pages)
- Customized columns on any page
- Independent measurement units for horizontal and vertical rulers\*
- Optional greeking (simulated text) in all page displays\*
- Easy resizing and repositioning of text, graphics, columns, and other layout elements
- Interactive facing pages for working on two-page spreads
- Extra pages created for text overflow\*
- "Snap to rulers" command for precise alignment

### Document Formatting

- User-controlled style sheets\*
- "Tagged" formats imported from word-processing, database, and spreadsheet applications\*
- 20 in-product templates, including proposals, slides, newsletters, and other business communications\*
- Master pages for recurring text and layout elements; override options on all document pages
- "Select all" command for instantly reformatting entire stories
- Automatic page numbering for 128-page files and 9,999-page documents

- Up to 20 columns and 40 alignment guides per page
- Page sizes—U.S. letter, legal, A4, B5, and custom up to 17 inches by 22 inches (42.5cm by 55cm)

### Text Handling

- Automatic text flow through entire document; can interrupt by clicking mouse\*
- Powerful built-in text editor
- Automatic text threading so that changes ripple through entire document
- Individual or global changes for all type specifications, including font, size, style, and alignment
- "Fast move" feature for repositioning text blocks
- Instant resizing of text blocks
- Export option for sending text and style sheets to a word processor

\* indicates features new to PageMaker 3.0

## Typography

- Wide range of typefaces (depending on the printer capabilities)
- Type sizes from 4 to 127 points
- Plain, bold, italic, small caps, all caps, strikethru, subscript, superscript, outline, and shadow type styles, plus support for reverse type
- Complete control over leading (line spacing) in half-point increments, with two measurement standards
- Kerning, both automatic and manual
- Automatic hyphenation and justification based on a 110,000-word Houghton Mifflin dictionary, plus prompted hyphenation
- Automatic global word, letter, and paragraph spacing
- Leader tabs with user-specified characters

## Graphics and Color

- Spot color for text and graphics\*
- User-created colors from full color spectrum\*
- Automatically flows text around graphics\*
- Contrast and brightness controls for scanned photographs and bit-map illustrations\*
- Cropping
- Proportional and non-proportional resizing
- Lines, squares, rectangles, circles, and ellipses in widths from .25-point (hairline) to 12-point
- Rapid repositioning (“fast move”) feature
- Six gray screens for PageMaker-created shapes
- Ten patterns for filling in PageMaker-created shapes
- Ability to import PostScript graphics
- Ability to import images scanned in the gray-scale tag image file format (TIFF)

## Printing

- Mirror and invert capabilities for printing negatives
- Thumbnails—any number
- “Tiling” feature for oversize pages
- Quick page proofs without graphics
- Separate pages (overlays) for each color\*

\* indicates features new to PageMaker 3.0

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# Aldus PageMaker Facts and Features

*Version 3.0 for the PC*

PageMaker® desktop publishing software from Aldus Corporation integrates text and graphics, allowing PC users to design, edit, and produce high-quality printed communications within an office setting.

PageMaker 3.0, the newest version for the IBM PS/2, PC AT, and other Windows-compatible computers, builds on the strengths of Aldus' original PageMaker to address the communications needs of both business and creative professionals. Version 3.0 adds new support for long documents, expanded graphics capabilities, user interface enhancements, and compatibility with dozens of new software and hardware products. New PageMaker 3.0 features include:

- automatic text flow through an entire document
- user-defined style sheets
- 20 complete page designs (templates) for business materials
- support for color
- automatic text wrap around rectangular graphics
- custom text wrap for irregularly shaped graphics
- image controls for brightness, contrast, and special effects

In addition, PageMaker for the PC is packaged with Bitstream's Fontware font generator and 10 font outlines for creating PCL printer fonts. The package also includes PageMaker's own Soft Font Installer for loading other PCL fonts.

PageMaker 3.0 comes with its own run-time version of the Microsoft Windows 2.0 operating environment, the PC standard that allows PageMaker to support the broadest range of hardware and software of any desktop publishing product on the market today. PageMaker 3.0 for the PC can also share publication files with the Macintosh version of PageMaker.

On a laser printer, PageMaker produces near-typeset-quality output, and on an imagesetter, PageMaker is capable of producing true typeset-quality output at high resolutions.

The original release of PageMaker was introduced to market in July 1985. It is currently available in 10 languages and has set an international standard for power, versatility, and ease of use.

# *Aldus PageMaker*®

# Compatible Hardware

## Aldus PageMaker for the PC: Version 3.0

### Recommended System Configuration

Aldus PageMaker works with the IBM PS/2, PC AT, and Windows 2.0- or Windows/386 compatible computers. A required system configuration includes:

- 640K RAM
- at least a 20MB hard disk
- a Windows 2.0- or Windows/386-compatible graphics board and monitor
- a mouse or other Windows-supported pointing device

Selected examples of compatible computers (some of which may require their own version of Windows) include:

- Digital VAXmate
- HP Vectra PCs (Models ES, ES/12, RS)
- IBM PC AT
- IBM PS/2 models 30, 50, 60, 80
- Olivetti M280, M380
- Tandy 3000, 4000
- Wang PC 200/300 series

To operate, PageMaker requires MS-DOS 3.1 or higher and version 2.0 of the Microsoft Windows operating environment. PageMaker is also fully functional and compatible with Windows/386. A run-time version of Windows 2.0 is included with each retail copy of PageMaker.

### PageMaker Performance

PageMaker's speed may be significantly improved when configured with extended or expanded memory. The components required to make PageMaker run faster include:

- additional (extended) memory or an expanded memory board
- Microsoft Windows 2.0 or Windows/386
- expanded memory management software

The expanded memory software must be compatible with Lotus/Intel/Microsoft Expanded Memory Specification Version 4.0 (LIM EMS 4.0). Expanded memory hardware includes:

- Above Board (Intel)
- Rampage (AST Research)
- IBM PS/2 Expanded Memory Option (IBM)

### Display Systems

PageMaker supports a variety of display environments, including Hercules, EGA, VGA, MCGA, and various high-resolution and large-screen monitors. Displays that have only CGA functionality are not recommended. To be compatible with PageMaker, each monitor and/or video board must provide a Windows 2.0- or Windows/386-compatible driver.

### Video boards

A number of video boards provide additional video functionality to standard and multi-frequency monitors. Higher resolutions, additional colors, and other video enhancements are typical features of the compatible video boards listed below:

- Autoswitch EGA 480 (Paradise Systems)
- Hercules Graphics Card Plus (Hercules)
- Multires II VGA Extra, VGA Extra/EM (STB Systems)
- Super EGA (Genoa Systems)
- Vega Deluxe (Video Seven)
- Vega VGA (Video Seven)

### High-resolution display systems

PageMaker supports high-resolution display and faster screen speeds using graphic co-processor display systems in the Windows environment. These systems typically consist of a monitor and a board. A display system must have a Windows driver to run PageMaker under Windows 2.0 or Windows/386. Contact the display system manufacturer for the appropriate Windows driver. Selected compatible systems include:

- 2Page Display System (Verticom)
- ConoVision 1600, 2800 (Conographic)
- Crystal View 1901 (Taxan)
- Genius2 (Micro Display Systems)
- IBM 8514, 8514/A (IBM)
- LaserView (Sigma Designs)
- LM-300, LM-301 (Princeton Graphic Systems)
- PageManager 100 (Vermont MicroSystems)
- Pepper 1600 (Number Nine Computer)
- Rendition I (Renaissance GRX)
- The Genius VHR display (Micro Display Systems)



- Viking 1, 10, 2400 (Moniterm)
- Vista 1600, PG1600 (Cornerstone Technologies)
- WY-700 (Wyse Technology)

## Pointing Devices

PageMaker and Windows-compatible pointing devices are available in a variety of configurations. These include tablets, trackball devices, both optical and mechanical mice, and related products. Additional mice may be compatible with PageMaker if they emulate either the LOGITECH or Microsoft mouse. To enhance compatibility with PageMaker, some tablet manufacturers supply features that build macros, or overlays preprinted with PageMaker commands.

## Mice

- Felix (Lightgate)
- HP Mouse (Hewlett-Packard)
- Lightpen (Lightpen Co.)
- LOGITECH Mouse (LOGITECH)
- Manager Mouse (Torrington)
- Microsoft Mouse (bus, serial, InPort) (Microsoft)
- PC Mouse (Mouse Systems)
- PS/2 Mouse (IBM)
- SummaMouse (SummaGraphics)

## Tablets

- Digi-Pad, Type 5A Model 1111A (Digi-Pad)
- IS/ONE Series Tablet (Kurta)
- KB5153 Touch Pad Keyboard (Keytronics)
- Lightpen and single pixel board (FTG Data Systems)
- PersonalWriter 15S2, PW15S (Anatex)
- SummaSketch 1201 (Summagraphics)

## Scanners

PageMaker imports scanned images in the bi-level format, the gray-scale TIFF (tag image file format), and other file formats such as PCX. To determine whether a scanner supports TIFF, contact your dealer or scanner manufacturer. Compatible scanners include:

- Canon IX-12 (Canon)
- Datacopy 730; JetReader (Datacopy)
- HP ScanJet (Hewlett-Packard)
- IBM Model 3117, 3118 (IBM)
- Image Scanner FX-RS 505 (Panasonic)
- LS-300 (Princeton Graphics Systems)
- MS-300A (Microtek)
- PC Scan, Plus, 1000, 2000 (DEST)
- Ricoh IS-30 (Ricoh)
- Scan 300FB (Abaton)
- TurboScan (AST Research)
- Wang PC-ScanPlus (Wang Laboratories)

## Printers

PageMaker supports a wide and increasing range of color, laser, and dot matrix printers that have Windows printer drivers. PageMaker works with the Adobe PostScript page description language (and PostScript-language compatible products), Hewlett-Packard's Printer Command Language (PCL), and IMAGEN's DDL to describe pages to a laser printer. PageMaker compatibility with a particular printer requires a current Windows driver, available from the printer manufacturer.

## PostScript-language laser printers

PageMaker is compatible with printers that use the PostScript language and with PostScript-language-compatible printers that have Windows 2.0 drivers. There are over 100 typefaces available in the PostScript-language environment. PageMaker will also take advantage of soft fonts downloaded to these printers.

- Compugraphic P400-PS (Compugraphic)
- Digital LNO3R ScriptPrinter (Digital Equipment Corporation)
- Digital LPS PrintServer 40 (Digital Equipment Corporation)
- IBM Personal Pageprinter (IBM)
- LaserWriter, LaserWriter Plus (Apple Computer)
- LZR-2665 (Dataproducts)
- Omni-Laser 2108, 2115 (Texas Instruments)
- QMS PS800, 800A, PS800 Plus, PS810, 2400 (QMS)
- SilentWriter LC-890 (NEC Information Systems)
- TurboLaser/PS (AST Research)
- VT-600 (Varityper)
- Wang LCS15-DSK (Wang Laboratories)

## PCL laser printers

Retail versions of PageMaker 3.0 for the PC environment include Fontware (Bitstream), a custom font generator to produce both screen and PCL printer fonts for HP LaserJet Plus and compatible printers. Printers should have at least 1MB of printer memory. Selected examples of PCL printers that work with PageMaker include:

- Genesis XP-800 (Tegra)
- Kyocera F 1010 PCL (Kyocera Unison)
- Laserline 6 (Okidata)

- LaserJet Series II, HP LaserJet PLUS, LaserJet 500 Plus, LaserJet 2000 (Hewlett-Packard)
- LP1000 (Tandy Corporation)
- Quadlaser 1 (Quadram)
- SilentWriter LC-860 Plus (NEC Information Systems)
- Wang LDP8-DSK, LCS15-DSK (Wang Laboratories)

#### Other laser printers

The following laser printers are compatible with PageMaker and use proprietary page description languages (PDLs). Each has a Windows 2.0-compatible driver available from the manufacturer:

- Crystal Jet (Taxan)
- GQ-3500 (Epson)
- JLaser (Tall Tree)
- PC Publisher's Kit (DDL, PCL, and PS) (IMAGEN)
- TurboLaser (AST Research)

#### Impact, ink, and thermal printers

PageMaker produces quality black-and-white and/or color output on Windows-compatible printers. Selected compatible printers include:

- ColorScript 100 (QMS)
- DL2400 (Fujitsu)
- FX-85, LQ 2500 (and compatibles) (Epson)
- HP DeskJet (Hewlett-Packard)
- HP PaintJet (Hewlett-Packard)
- HP QuietJet (Hewlett-Packard)

- HP ThinkJet (Hewlett-Packard)
- IBM Proprinter (IBM)
- LA 75 Companion Printer (Digital Equipment Corporation)
- OfficePrinter Model 203 (Advanced Matrix Technology)
- P9XL (and compatibles) (NEC Information Systems)
- Wang DM 50/300 (Wang Laboratories)
- Wang PM060 (Wang Laboratories)

#### Typesetters

PageMaker prints to the following high-resolution typesetters, either directly, using the PostScript language, or indirectly, using a conversion utility:

- Linotronic 100, 300, 500 (Linotype)
- Compugraphic 8000, 8400, 8600, 9600 (using MicroSetter from TeleTypesetting)
- Varityper 6700 Series, Comp/Edit 6400, 6800 Series (using MicroSetter from TeleTypesetting)
- Epics 20/20 (using MicroSetter from TeleTypesetting)
- CRTronic 150-360 (all models) (using MicroSetter from TeleTypesetting)

#### Networks

PageMaker is "network aware" and works with network and file transfer software. To use PageMaker in multiple-copy environments, contact Aldus directly for a network license. Selected compatible network environments include:

- 3Plus (3Com)
- Advanced Netware/86 (Novell)
- PC Network and Token Ring (IBM)
- TOPS (TOPS)

#### File Transfer

PageMaker files created with either the Macintosh version 3.0 or the PC version 3.0 can be transferred back and forth between the two environments. Files can be transferred in various ways, using either simple communications software and a serial cable, or specialized disk drive-based hardware and programs that exchange files directly.

PageMaker documents created in one environment (Macintosh or PC) can be opened and worked on in the other.

Formatted text and bit-map graphics (including TIFF scanned images) remain intact during the transfer process. Some draw-type graphic images, however, will be interpreted by PageMaker only in the original environment. Compatible file transfer systems include:

- AppleTalk PC card (Apple Computer)
- DaynaFile (Dayna Communications)
- Intalk (Palantir)
- MacLink Plus (DataViz)
- TangentShare (Tangent Technologies)

# Compatible Software

## Aldus PageMaker for the PC: Version 3.0

Aldus PageMaker allows users to integrate text and graphics files produced with other applications and to reformat them into printed documents such as books, reports, brochures, and newsletters.

### Word-processing applications

PageMaker directly places (imports in a compatible format) files from the following word-processing applications:

- HP AdvanceWrite Plus (Hewlett-Packard)
- HP Executive MemoMaker (WordStar format) (Hewlett-Packard)
- Microsoft Word 3.1, 4.0 (Microsoft)
- MultiMate Advantage II (Ashton-Tate)
- OfficeWriter (Office Solutions)
- Olitext Plus (Olivetti)
- PC-Write (Quicksoft)
- Wang word-processing files including PC IWP and PC WP Plus (import filters available from Wang)
- Windows Write (Microsoft)
- WordPerfect 4.2 (WordPerfect)
- WordStar 3.3, 4.0 (MicroPro International)
- Word IV (SAMNA)
- WPS-Plus (DX format) (Digital Equipment Corporation)
- XyWrite III (XyQuest)

**Import filters:** In addition to directly reading files from the word-processing applications listed above, PageMaker will also import the following file types:

- ASCII text-only files
- DCA format files (IBM)
- DX format files (Digital Equipment Corporation)

Examples of word-processing applications that have compatible DCA file formats are:

- DisplayWrite 3 and 4 (IBM)
- Lotus Manuscript (Lotus Development)
- Smart Software 3.1 (Innovative Systems)
- Volkswriter 3 (Lifeboat Associates)
- WordStar 2000 (MicroPro International)

**Export filters:** PageMaker 3.0 has built-in export filters to export text to the Microsoft Word, DCA, or ASCII text-only format. This means that any text typed, placed, or edited in PageMaker can be exported with its style sheet tags and formatting information intact.

### Spreadsheet Applications

PageMaker can directly read and place row/column ranges, range names, or worksheet print ranges from Lotus 1-2-3 or Symphony spreadsheet applications. Worksheets import as text, which may be manipulated in PageMaker, and Lotus and Symphony PIC graphics files import as images.

PageMaker will also read spreadsheet files from other applications that produce files with a Lotus 1-2-3 compatible format.

### Database Applications

dBase files may be directly read and placed as text into PageMaker. User-selectable features include field ordering, field exclusion, tab alignment, and style assignments. Record fields may also be displayed in either a directory or catalog format.

### Paint Files and Programs

PageMaker supports the file formats produced by major paint-type programs. These formats include:

- MacPaint
- MSP (Microsoft Windows Paint)
- PCX
- TIFF (tag image file format)

Applications that create files in these compatible formats include:

- Aldus SnapShot (Aldus)
- Boeing Graph (Boeing Computer Services)
- Concorde (Visual Communications Network)
- Dr. Halo DPE (Media Cybernetics)
- Energraphics (Enertronics)
- HP Scanning Gallery (Hewlett-Packard)
- MacPaint (Apple Computer)
- PC Paint, PC Paint Plus (Mouse Systems)
- PC Paintbrush for Windows (ZSoft)
- PC Paintbrush, PC Paintbrush Plus (ZSoft)
- Publisher's Paintbrush (ZSoft)
- Windows Paint (Microsoft)

## Draw Files and Programs

PageMaker is compatible with draw programs that export files in the following formats:

- ADI (AutoCAD Device Interface)
- CGM (Computer Graphics Metafiles)
- EPS (Encapsulated PostScript)
- HP-GL (Hewlett-Packard Graphics Language)
- IMA (Zenographics image format)
- NAPLPS (North American Presentation Level Protocol Syntax)
- Plot-10 (Tektronix)
- WMF (Windows metafiles)

The following applications produce one or more types of file formats compatible with PageMaker:

- Adobe Illustrator (Adobe Systems)
- Aldus FreeHand (Aldus)
- Arts and Letters (Computer Support)
- AutoCAD (Autodesk)
- Autumn (Zenographics)
- Chart (Microsoft)
- ChartMaster (Ashton-Tate)
- Designer (Micrografx)
- DiagramMaster (Ashton-Tate)
- Freelance Plus (Lotus Development)
- GraphWriter (Lotus Development)
- Harvard Graphics (Software Publishing)
- HP Charting Gallery (Hewlett-Packard)
- HP Drawing Gallery (Hewlett-Packard)
- In\*a\*Vision (Micrografx)
- Instinct (Cadlogic Systems)
- Lotus 1-2-3 (Lotus Development)
- Mirage (Zenographics)
- Picture It (General Parametrics)

- Pro 3-D (Enabling Technologies)
- Symphony (Lotus Development)
- Targa board TIPS (TrueVision)
- Windows DRAW! (Micrografx)
- Windows GRAPH (Micrografx)

## Clip Art Files and Programs

PageMaker recognizes clip art files (prepared or scanned artwork) that use the following file formats:

- PCX
- PCC
- TIFF

Selected clip art products that are compatible with PageMaker include:

- ClickArt (T/Maker)
- DeskTop Art (Dynamic Graphics)
- Dynamic Graphics Clipart (Dynamic Graphics)
- Graphics Gallery Portfolios (Hewlett-Packard)
- Micrografx Windows Clip Art (Micrografx)
- PC Quik-Art (PC Quik-Art)
- Publisher's PicturePak (Marketing Graphics)

## Utilities

A number of applications provide enhancements, such as screen capture or file conversion and modification, that PageMaker can recognize or use to produce higher-quality output:

- DataTAG, database tag utility (Publishing Solutions)
- DeskConvert, CAD file converter (Generic Software)
- EXACT, mathematical expression typesetter (Technical Support Software)
- The Graphics Link, paint file converter (Graphics Link)

- Hijack, screen capture utility (Inset Systems)
- Hotshot, screen capture and file conversion utility (Symsoft)
- Metafile, file converter (Zenographics)

## Fonts

PageMaker supports downloadable (soft) fonts on the HP LaserJet PLUS, Series II, 2000, and PostScript-language printers. To determine whether a font includes device font metrics compatible with Microsoft Windows, contact your dealer or font supplier. PageMaker supports all Hewlett-Packard LaserJet font cartridges that use HP's USASCII or ROMAN-8 character set, including the Microsoft Windows "Z" cartridge. Downloadable fonts compatible with PageMaker include:

- Adobe Type Library (Adobe Systems)
- Bitstream Softfonts (Bitstream)
- Conofonts (Conographics)
- Fontware (Bitstream)
- Glyphix (SWFTE Int'l, Ltd.)
- HP Softfonts (Hewlett-Packard)
- LJ Fonts (Weaver Graphics)
- Softcraft Fonts (Softcraft)
- Type Director (Compugraphic)
- VS Fonts (VS Software)

# Aldus PageMaker Features

## Aldus PageMaker for the PC: Version 3.0

- Screen functions as an electronic pasteup board, complete with rulers, alignment guides, and a toolbox of design aids
- Microsoft Windows 2.0 user interface with overlapping Windows\*
- Pull-down menus
- Mouse-based selection and manipulation of text, graphics, and menu commands
- On-screen palettes for quick color selection and style sheet formatting\*
- Automatic page turning during automatic text flow\*
- Many keyboard shortcuts
- Six different page views
- Color ruler and column guides\*
- WYSIWYG (what-you-see-is-what-you-get) screen display

### Page Composition

- Imports text and graphics from many applications (see inside pages)
- Customized columns on any page
- Independent measurement units for horizontal and vertical rulers\*
- Optional greeking (simulated text) in reduced page views\*
- Easy resizing and repositioning of text, graphics, columns, and other layout elements

\* indicates feature new to PageMaker 3.0

- Interactive facing pages for working on two-page spreads
- Creates extra pages for text overflow during automatic text flow\*
- "Snap to rulers" command for precise alignment\*

### Document Formatting

- User-controlled style sheets\*
- Reads "tagged" style sheet formats from word-processing, database, and spreadsheet applications\*
- 20 in-product templates, including proposals, slides, newsletters, and other business communications\*
- Master pages for recurring text and layout elements; override options on individual pages
- "Select all" command for instantly reformatting entire stories
- Automatic page numbering for 128-page files and 9,999-page documents
- Up to 20 columns and 40 alignment guides per page
- Page sizes—U.S. letter, legal, A4, B5, and custom up to 17 inches by 22 inches (42.5cm by 55cm)

### Text Handling

- Automatic text flow through entire document; can interrupt by clicking mouse\*
- Powerful built-in text editor
- Automatic text threading so changes ripple through entire document
- Individual or global changes for all type specifications, including font, size, style, and alignment
- "Fast move" feature for repositioning text blocks
- Instant resizing of text blocks
- Export option for sending text and style sheets to a word processor

### Typography

- Wide range of typefaces (depending on printer capabilities)
- Additional built-in screen and printer fonts for LaserJet printers, plus a soft font installer
- Plain, bold, italic, small caps, all caps, strikethru, subscript, and superscript type styles, plus support for reverse type
- Complete control over leading (line spacing) in half-point increments; proportional measurement or by top of caps
- Kerning, both automatic and manual
- Automatic hyphenation and justification based on a 110,000-word Houghton Mifflin dictionary, plus prompted hyphenation
- Automatic global word, letter, and paragraph spacing
- Leader tabs with user-specified characters

## Graphics and Color

- Spot color for text, graphics, and background areas\*
- User-created colors from full color spectrum\*
- Automatic text wrap around rectangular graphics\*
- Custom text wrap for irregularly shaped graphics\*
- Contrast and brightness controls for scanned or bit-map photographs and illustrations\*
- Cropping of graphics and repositioning within graphics frame
- Proportional and non-proportional resizing
- Drawing tools for lines, squares, rectangles, circles, and ellipses in line widths from .25-point (hairline) to 12-point
- Rapid repositioning (“fast move”) feature
- Six gray screens for filling PageMaker-created shapes
- Ten patterns for filling in PageMaker-created shapes
- Imports PostScript-language graphics (EPS files)
- Imports images scanned in the gray-scale tag image file format (TIFF)
- Imports images in CGM, NAPLPS, IMA, and HP-GL formats\*

\* indicates feature new to PageMaker 3.0

## Printing

- Separate page printouts (overlays) for each color\*
- Compatibility with select color printers\*
- Thumbnails—any number
- “Tiling” feature for oversize pages

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