

PGS.SET

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Contents

1	PGS.SET	1
1.1	Menus: Settings	1
1.2	Settings/ Screen...	2
1.3	Settings/ General...	4
1.4	Settings/ View...	6
1.5	Settings/ Typographic...	6
1.6	Settings/ Drawing...	7
1.7	Settings/ Measurement...	8
1.8	Settings/ Printing...	9
1.9	Settings/ Paths...	14
1.10	Settings/ Colors...	15
1.11	Settings/ Fonts...	17
1.12	Settings/ Editors...	18
1.13	Settings/ Edit Hyphenation	19
1.14	Settings/ Edit Kerning...	19
1.15	Settings/ Toolbox	20
1.16	Settings/ Edit Palette	22
1.17	Settings/ Color Palette	27
1.18	Settings/ Font Palette	28
1.19	Settings/ Style Palette	29
1.20	Settings/ Macro Palette	29
1.21	Settings/ Page Palette	30
1.22	Settings/ Snapshot Display	31
1.23	Settings/ Load Settings...	31
1.24	Settings/ Save Settings, Save Settings As	32
1.25	Settings/ Help...	32

Chapter 1

PGS.SET

1.1 Menus: Settings

Settings:

Screen...

Choose the screen mode.

General...

Set miscellaneous program preferences.

View...

Set the view preferences.

Typographic...

Set the typographic defaults.

Drawing...

Set the drawing preferences.

Measurement...

Set the measurement systems.

Printing...

Set the default printer and options.

Paths...

Set the default paths for files.

Colors...

Create and edit colors.

Fonts...

Add and remove fonts.

Editors...

Set the default editors.

Edit Hyphenation...
Edit the hyphenation exception dictionary.

Edit Kerning...
Edit the kerning pairs for a font.

Toolbox
Toggle the display of the toolbox.

Edit Palette
Toggle the display of the edit box.

Color Palette
Toggle the display of the Color palette.

Font Palette
Toggle the display of the Font palette.

Style Palette
Toggle the display of the Tag palette.

Macro Palette
Toggle the display of the Macro palette.

Page Palette
Toggle the display of the Page palette.

Snapshot Display
Save the positions of all windows and palettes to the ←
PageStream3.Prefs file.

Load Settings...
Load settings from a preferences file.

Save Settings
Save settings to the PageStream3.Prefs file.

Save Settings As...
Save settings to a file.

Help...
Access this AmigaGuide help system.

1.2 Settings/ Screen...

Settings/ Screen...

This command sets the screen type, mode, menu font, display resolution and other screen options.

When you choose the Screen command, the Screen Preferences requester will open.

Screen	Description
Type	Choose the type of screen on which to open PageStream. Choose Workbench to run PageStream on the Workbench screen. Choose New Public to create a new, custom, public screen. Choose Existing Public to run PageStream on an existing public screen, and enter the name of the screen into the associated text gadget. New Public is the preferred screen for using PageStream because PageStream can use all of the colors of the screen unless you open other applications on the screen.
Mode	Click to open the Screen Mode requester if New Public is chosen from the Type popup. Choose a screen mode from those available. Only screen modes in your Sys:Devs/Monitors directory will be listed. Move screen modes from Sys:Storage/Monitors to this directory to add other screen modes.) Set the screen size to the maximum supported by your Amiga. If you enter a size larger than the physical screen, PageStream will create an autoscrolling virtual screen. If you create a physical screen smaller than 600x281, PageStream will create a virtual screen of this size. Set the number of colors to a value between 4 and the maximum supported by your Amiga. It is recommended that you work in 4 color mode for speed whenever possible. Switch to a higher number of colors when you need a more accurate representation of your document. The number of colors on screen does not affect how your documents will be printed.
Font	Click to open the Screen Font requester. Choose the AmigaDOS font to use for PageStream's menus, window titles, and requester titles; the font is only used for requester titles not requester gadget labels.
Display DPI	Enter the resolution of your monitor. Standard NTSC displays are 65x55 dpi (dots per inch), whereas standard PAL displays are 75x75 dpi. If you have modified your screen setup, use a large screen monitor, or have a graphic board in your Amiga, you may need to alter these values. To determine the values to use, measure the height and width of the visible display with a ruler, and convert this value to inches, if required. Divide the number of pixels horizontally and vertically by this value to find the display DPI. Enter the results into the X and Y text gadgets.
Center windows	Check this option to center requesters on the visible screen. If you use a graphic board such as the Picasso, you may need to uncheck this option. This checkbox exists to provide compatibility with the differing emulations of Workbench of third party graphic boards.

Show free memory	Check to display the total amount of free memory at the top of the PageStream screen. The memory, date and time display is a separate window which is always shown on top of other windows on the screen. You should not use these options if you run PageStream on a Workbench screen narrower than 800 pixels, because their display will conflict with the Workbench title display.
Show date	Check to display the date at the top of the PageStream screen.
Show time	Check to display the time at the top of the PageStream screen.

1.3 Settings/ General...

Settings/ General...

This command sets miscellaneous program defaults including revision control, autosave, and undo levels.

When you choose the General command, the General Preferences requester will open.

General Preferences	Description
Keep history	Check to save a revision log with documents when they are saved. The Revision History requester will open each time you save a document to make a revision log entry.
Job numbers	Check to store a job number and creator prefix with documents created with this copy of PageStream so that the documents' source can be identified. This is useful for service bureaus and companies with multiple copies of PageStream.
Prefix	Enter the creator name or initials, up to 15 characters. The prefix is used to identify the individual or organization that created the document. For example, if your company was named Apex, you could enter Apex into this gadget. Documents (jobs) would be numbered Apex.1, Apex.2
Next #	Enter the starting job number. If you have not created any documents with job numbering on, set this to 1. PageStream will increment this number each time you create a document. If you take your document file to a service bureau, they can reference your document by the job number. You should not need to reset this unless you delete your PageStream3.prefs file.
Autosave	Check to have PageStream save your documents at

regular intervals in case of a power loss or system error. Autosave does not save over your original document file. Instead it saves a temporary copy of the file in the directory path set in the associated Path text gadget.

- Every Enter the autosave time interval. PageStream will save the document at the end of this interval unless you are using the mouse or keyboard at that time. If you are busy, it will wait a short time before trying again. If you are still busy, it will save the document anyway.
- Autobackup Check to have PageStream keep a backup copy each time you manually save your documents. The title of each backup copy has the original document's name, the suffix .bak and the backup number. For example, a report named Report would have backup copies named Report.bak01, Report.bak02, etc. Backup copies are stored in the directory path set in the associated Path text gadget.
- Keep Enter the number of backup copies to keep. When a backup copy is made that exceeds the number of copies to keep, the first backup copy will be erased. If you specified three backups, the fourth one will be numbered .bak04 and overwrites your first backup .bak01.
- Path Enter the directory path to use for autobackups and the temporary autosave file. You should not set this to RAM: because this would not protect you in the event of a system error or power shortage. You should set this to a hard drive directory specifically set aside for backups.
- Undo Check to enable the Undo and Redo features. If this is unchecked, these commands will not be available for use. The Undo and Redo features consume memory which you may not be able to spare.
- Levels Enter the number of levels of undo and redo to permit. Use this option to restrict how many actions you can undo. You can conserve memory by setting the undo levels to a low value. A value between 1 and 15 is sufficient for most uses.
- Automatic text frames Check to force PageStream to create as many additional text frames as required when importing more text than will fit in the current series of linked text frames. When this option is toggled on, PageStream will duplicate the last text frame on the next available blank page and flow the overset text into it. PageStream will continue creating additional frames until the text fits into the series.
-

1.4 Settings/ View...

Settings/ View...

This command sets defaults for most of the View menu options.

When you choose the View command, the View Preferences requester will open.

View Preferences	Description
Startup	Choose the view magnification to set when a document window is first opened. If you choose the Custom Scale option, enter the actual magnification into the Custom Scale text gadget.
Minimum, Maximum	Enter the minimum and maximum view magnification levels to allow. These restrictions affect the Custom Scale command and the Magnify tool. The absolute minimum view magnification is 5% and the absolute maximum view magnification is 3000%.
Display Toggles	Check to set the status of each of the display toggles for when a document window is first opened; these options will not affect the current document. These are equivalent to the commands of the same names in the View menu.

1.5 Settings/ Typographic...

Settings/ Typographic...

This command sets the defaults for various typographic options.

When you choose the Typographic command, the Typographic Preferences requester will open.

Typographic	Description
Smart Dashes	Check to enable dash conversion. When this option is on, two dashes typed successively will be converted to an en dash, and three dashes will be converted to an em dash.
Smart Ligatures	Check to enable automatic conversion to ligatures. When this option is on, fi, ffi, fl, and ffl will be converted to ligatures when typed.
Smart Bullets	Check to enable conversion to bullets. When this option is on, typing an asterisk will enter a bullet.
Smart Single Quotes	Check to enable conversion of single typewriter quotation marks to single typographic quotation marks. The first quotation mark typed will be an

open quotation mark, and the next typed will be a close quotation mark.

Smart Double Quotes Check to enable conversion of double typewriter quotation marks to double typographic quotation marks. The first quotation mark typed will be an open quotation mark, and the next typed will be a close quotation mark.

Baseline grid Enter the offset of the baseline grid from the top of the page, and its spacing. The baseline grid is a leading option.

1.6 Settings/ Drawing...

Settings/ Drawing...

This command sets drawing preferences such as the default duplicate and nudge amounts, and the auto scroll toggle.

When you choose the Drawing command, the Drawing Preferences requester will open.

Drawing Preferences Description

On Double Click Choose the action to be performed when you double click in the window. Flash Screen will flash the screen to alert you that you double clicked. Object Command allows you to choose from a list of selected Object menu commands to perform when you double click. (The most useful of these is Editwith this you can double click on an object to open the Edit object requester.) Execute Macro allows you to choose an internal PageStream macro to execute when you double click.

Do This popup is visible only when Object Command or Execute Macro are selected from the On Double Click popup. When Object Command is selected, the Do popup lists Object menu commands. When Execute Macro is selected, the Do popup lists the current internal PageStream macros.

Duplicate Offset Enter the default offsets to use for the Object/Duplicate command.

Nudge Amount Enter the default nudge amount. Use the arrow keys to nudge the selected object(s) this amount; hold down a Shift key while using the arrows to nudge object(s) a tenth of the normal amount.

Auto Scroll Update Check to toggle the auto scroll status. When auto scroll is on, dragging the window scroll bars will update the window as you drag. This should be toggled off on 68000 computers due to speed

limitations, and in high color modes.

Auto Drag Update Check to toggle the auto drag status. When auto drag is on, dragging or drawing objects past the edges of the window will scroll the page within the window as you drag. This should be toggled off on 68000 computers due to speed limitations, and in high color modes.

1.7 Settings/ Measurement...

Settings/ Measurement...

This command sets the default measurement systems for measuring text and objects.

When you choose the Measurement command, the Measurement Preferences requester will open.

Measurement Preferences	Description
Show coordinates relative to	Choose whether the coordinates are relative to the page or spread, if applicable. If you choose to measure relative to the page when viewing a spread, each page in the spread will have its own coordinates; whereas, if you measure relative to the spread, all the pages in the spread will be measured together as if they were one page.
Horizontal	Choose how to measure the horizontal direction of objects.
Vertical	Choose how to measure the vertical direction of objects. Choose Same As Horizontal to make the vertical measurement system always equals to the horizontal system.
Relative	Choose how to measure the non-directional parts of objects. i.e., the length of a diagonal line. Choose Same As Horizontal to make the relative measurement system always equals to the horizontal system.
Text	Choose how to measure text. i.e., type size and leading.

You can override the measurement system defaults whenever you enter a value into a text gadget by adding the abbreviation of the measurement system to use. Note that you can use traditional notation (5p6 for 5 picas and 6 points), or decimal notation (5.5p for 5.5 picas, or 5 picas and 6 points).

Measurement System	Abbreviation	
Example		
Inches inches	" or i after the number	1.25" or 1.25i for 1.25 ↔
Centimeters	cm after the number	3cm for 3 centimeters
Millimeters	mm after the number	30mm for 30 millimeters
Picas	p after the number	5p for 5 picas
Points	p before or pt after the number	p3 or 3pt for 3 points
Picas and points points	p between the numbers	5p3 for 5 picas and 3 ↔
Printer picas	pp after the number	5pp for 5 printer picas
Printer points printer points	pp before or ppt after the number	pp3 or 3ppt for 3 ↔
Printer picas and points picas and 3 points	pp between the numbers	5pp3 for 5 printer ↔
Ciceros	c after the number	4c for 4 ciceros
Ciceros and didot points didot points	c between the numbers	4c3 for 4 ciceros and 3 ↔
Didot points	d after the number	3d for 3 didot points
Feet	' or f after the number	2' or 2f for 2 feet
Meters	m after the number	2m for 2 meters

Note that changing the measurement system will not change the system used for the rulers unless the rulers are synchronized to the measurement system with the Show Rulers requester.

1.8 Settings/ Printing...

Settings/ Printing...

This command is used to select a printer driver and printer options. You must select a printer driver and make other printer settings prior to printing a document for the first time.

When you choose the Printing command, the Printing Preferences requester will open.

Printing Preferences	Description
Type	Choose the printer driver that PageStream will use

to print your documents. You can choose a custom PageStream printer driver, or choose PageStream Amiga Preferences driver which will use the driver you have selected with Workbench. The options in the lower part of the requester will change when you choose a driver.

Choose PostScript if a PostScript printer is attached to your computer or if you want to print a PostScript file to disk for printing on a PostScript printer or imagesetter at another time.

Choose Epson for most black & white and color dot matrix printers, and some inkjet printers. i.e., Epson LQ-2550, Panasonic KX-P2023, Star NX-2480, Okidata Microline 521.

Choose Hewlett-Packard for most non-PostScript laser printers, and for Hewlett-Packard DeskJet compatible printers. i.e., Panasonic KX-P4430, HP LaserJet 4L, HP LaserJet II, Canon LBP4-SX, HP DeskJet 500, HP DeskJet 1200C, Epson Stylus 800. If you have a Hewlett-Packard LaserJet with a PostScript cartridge or option, you should use the PostScript driver.

Choose Canon for Canon BubbleJet printers. i.e., Canon BJ-10, Canon BJ-200, Canon BJC-600.

Choose Primera for use with the Fargo Primera printer with dye sublimation option. If you are not using the dye sublimation option, use the Amiga Preferences driver available from Fargo and choose Preferences from the Type popup.

Choose Preferences if your printer is not supported by one of PageStream's custom printer drivers, or if you wish to use an Amiga Preferences compatible driver instead of a custom driver. Choose an Amiga Preferences driver with Sys:Prefs/Printer.

Send to

Choose to direct PageStream's output to the parallel port (PAR), serial port (SER), other device or disk file. If you choose Device, either the name of the device into the associated text gadget. If you choose Disk File, a file requester will open when you click on the Print gadget in the Print requester to set the name of the file to create. If you chose PostScript from the Type popup, you can also choose to create an EPS file that can be imported into another program in addition to a normal PostScript file. (This option is not available for the Preferences driver. Choose the port with Sys:Prefs/Printer.)

Non-PostScript Options Description

Model	Choose a model from the list of printer models supported by the printer driver selected in the Type popup. If your printer model is not listed, choose a similar one if you know that it is compatible. If you chose in the Type gadget to use the Amiga's Preferences printer driver system, this gadget will show the name of the driver you selected in Sys:Prefs/Printer. You cannot change an Amiga Preferences driver from within PageStream.
Format	Choose whether the paper is continuous (tractor fed) or single sheets.
Size	Choose a paper size. Remember to select a size large enough to accommodate your page and printers' marks (if applicable). After you choose a size name, its size values will be shown below the popup.
Horz, Vert	If you choose Custom from the Size gadget, enter the size into the Horz and Vert gadgets.
Orientation	Choose Portrait to print the pages on the paper in portrait mode (the long edge of the paper will be vertical). Choose Landscape to print the pages on the paper in landscape mode (the long edge of the paper will be horizontal). The option you choose from this popup should be the same as the option you choose for your pages in the New Document and Edit Master Page requesters.
DPI	Enter the resolution at which to print. The resolutions available depend on the printer type and model selected. If you chose in the Type gadget to use the Amiga's Preferences printer driver system, this gadget will show the resolutions offered by Preferences.
Offset: Horz, Vert	Even though a model may be compatible with a printer driver standard, it may not print the page in the exact same position as another printer using the same printer driver. Choose Default from this popup to print the page on the paper without an offset, or choose Custom and enter horizontal and vertical positive or negative offsets into the Horz and Vert text gadgets. This allows you to shift the page image on the paper for your printer model.
Dither	Choose the type of dither pattern. Dithering prints patterns of dots in different colors or densities to simulate shades of color or gray. Ordered dithering is the default and uses straight rows and columns of dots of the same density. Halftone dithering varies the size and density of

the dots to achieve a more natural appearance. Floyd-Steinberg dithering achieves smoother shading by distributing the intensities of each pixel throughout the dots comprising that pixel and its neighbors.

PostScript Options	Description
PPD	Shows the selected PostScript Printer Description file. Click on the question mark to open a file requester to select a PPD file from those installed on your system. You should choose the PPD file which matches your printer, or the printer or imagesetter your file will be printed on. If you cannot find a PPD file that is close to your model, choose the .General.PPD file.
Screen	Choose the angle and frequency at which your documents will be printed. Choose Default to use the standard values for your printer. Choose one of the frequency and resolution combinations to use an optimized screen. Click on the associated question mark gadget to view the exact angles and frequencies in the Screen requester (see below). Optimized screens are designed by the printer manufacturer and should be used for best results. Choose Custom and click on the question mark gadget to enter your own angles and frequencies in the Screen requester. (See the next page.) This setting does not affect pictures or objects to which you have applied screens with the Edit Screen requester.
Source	Choose the paper bin from which to draw paper. PageStream will show the options defined in the selected PPD file.
Size	Choose a paper size. PageStream will show the options defined in the selected PPD file. Remember to select a size large enough to accommodate your page and printers' marks (if applicable). After you choose a size name, its size values will be shown below the popup.
Area	Shows the maximum imageable area of the selected paper size. This is the amount of the paper or film on which you can print. Laser printers generally cannot print to the edges of the paper, while imagesetters can use the entire roll width.
Horz, Vert	If your printer or imagesetter supports custom paper sizes, you can choose Custom from the Size gadget. Enter the size into the Horz and Vert gadgets.
Margin, Feed	Enter the distance from the left edge of the

imagesetter paper or film to the left edge of the page image. This defaults to zero and should only be reset on the advice of your commercial printer. (This option is only available for imagesetters when using a custom paper size.)

- Orientation Choose Portrait to print the pages on the paper in portrait mode (the long edge of the paper will be vertical). Choose Landscape to print the pages on the paper in landscape mode (the long edge of the paper will be horizontal). The option you choose from this popup should be the same as the option you choose for your pages in the New Document and Edit Master Page requesters.
- Permanent prolog Check to download the PostScript prolog with the first print job only. This saves a small amount of time when printing numerous successive jobs. If you print to the printer from any other program after printing from PageStream, you must uncheck this option in order for the next job to print properly. If PageStream sends a file to the printer without the prolog and another program has cleared the printer's memory, the document will not print.
- Include error handler Check to download PageStream's PostScript error handler with the document. If a PostScript error occurs while printing the file, the error handler will print an error message instead not printing. Do not use this option when sending files to a service bureau without asking the service bureau.
- Include EOF Check to add an End of File marker (Ctrl D) to the end of printing jobs. This marker is required for some network printers, but causes problems with others. Do not choose this option unless you know you need to use it or unless PageStream will not print to your printer.
- Font unload Choose Document so that PageStream will not clear fonts from your printer's memory except at the end of the document. This makes printing faster because fonts need only be downloaded once, but if you use too many fonts, the printer will not be able to print the document. Choose Page so that PageStream will unload the fonts at the end of each page. This is a good compromise on speed when you are printing documents with many fonts. This option should also be used when your file will be opened in a page imposition program so that pages may be reordered. Choose Unlimited so that PageStream will unload each font after use. This allows you to print unlimited fonts on a page, but can be very slow, especially if you alternate between fonts.
-

UCR & GCR Enter the Under Color Removal value and Gray Component Replacement. If a process color is made up of 60% cyan, 50% magenta and 40% yellow, 40% is common to the three color components. The common parts of the components can be replaced by black ink because equal parts of the components create black; however, you should not remove all of the common components. The UCR value is the percentage of the common components to remove; (default=80%). The GCR value is the percentage of the components with which to substitute black; (default=100%). Using the above example with a UCR of 80% and a GCR of 100%, the color would be printed as 28% cyan (60% 80% 40%), 18% magenta (50% 80% 40%), 8% yellow (40% 80% 40%) and 40% black (100% 40%). The default values are suitable for most pictures.

Screen	Description
Freq	Enter the screen frequency in lines per inch for each of the four process colors. You may also specify a spot color frequency. If you open this requester when Custom is not selected in the Screen popup of the Printing Preferences requester, the Frequency gadgets will not be editable.
Angle	Enter the screen angle for each of the four process colors. You may also specify a spot color angle. If you open this requester when Custom is not selected in the Screen popup of the Printing Preferences requester, the Angle gadgets will not be editable.

1.9 Settings/ Paths...

Settings/ Paths...

This command sets the default directory paths for document, text, graphic, macro and font files. When you choose the Paths command, the Path Preferences requester will open.

Path Preferences	Description
Documents	Enter the default directory for opening and saving document files.
Text	Enter the default directory for inserting and exporting text files.
Graphics	Enter the default directory for placing and exporting graphic files.
Macros	Enter the default directory for loading, appending and

saving macro files, and for exporting ARexx macro scripts. If a macro file named PageStream3.macros is present in this directory, it will be loaded when PageStream is started.

Fonts Enter the default directory for adding font paths. Setting this directory does not automatically add the fonts in it to PageStream. You must install fonts by adding the directory with the
 Fonts
 command; this
 command sets only the default directory for adding font paths.

Note that each of the path text gadgets has a Browse (folder) gadget to its right. Click on this to open a file requester to choose the path, rather than typing it.

1.10 Settings/ Colors...

Settings/ Colors...

This command creates new colors, changes existing ones, and copies colors from other documents. It can also be used to create the default color palette for future documents. When you choose the Colors command, the Define Colors requester will open. This requester can also be opened by choosing <As Is> in a color popup or in the Color palette while holding down a Shift key.

Define Colors Description

Colors Lists the colors defined for the current document. If no documents are open, this will list the colors defined for PageStream's default color palette. A sample of the selected color is shown at the bottom left corner of the requester (not available in screen modes with less than 16 colors). Choose the color to edit or delete, or on which to base a new color.

Black and White are always listed in the Define Colors requester, and cannot be edited. White is the paper color, and doesn't actually print, while black prints as a 100% process black ink. Colors used in imported objects are included in the color list. Colors imported from EPS objects cannot be edited in PageStream because the EPS object cannot be changed.

New Opens the Edit Color requester to create a new color. The new color will default to the same color values as the color selected in the scrolling list.

Edit Opens the Edit Color requester to edit the color selected in the scrolling list.

Delete Deletes the color selected in the scrolling list. When you

delete a color, PageStream opens a requester so that you can change objects of the deleted color to another color.

Append Opens a file requester to choose a color palette to add to the defined color palette. Colors can be appended from color palettes saved with the Save gadget, or from PageStream3 document files. If there are colors in the appended palette with the same names as ones in the current palette, they will be ignored if they have identical values. If they have different values, .1 will be appended to the color names.

Save Opens a file requester to enter a filename and path for the color palette to save. The default color palette is PageStream3:PageStream3.colors. If you save the color palette to this file, the colors in the current palette will be loaded whenever PageStream is started. You can save the colors to a different palette file so that they can be appended to another document when required.

Use the Edit Color requester to create new colors or edit existing colors, depending on whether you chose New or Edit. The Edit Color requester's options change depending on the color model you choose.

Edit Color	Description
Name	Enter a name for a new color, or edit the name of an existing color. If you are modifying the custom color for the selected object, the name gadget will not be editable, because custom colors do not have names. The name you assign to a color will be displayed in the color popups and Color palette.
Type	Choose Process or Spot colors. Process colors can be separated into their CMYK equivalents, while spot colors must be printed independently.
Print	Choose Knockout or Overprint. Knockout will make colors printed behind this color leave holes where they overlap this color. Overprint will print this color on top of other colors.
Model	Choose a color model to specify a color. You can use any model for spot colors, but for process colors, you should choose only the CMYK or Pantone® Process or Pantone® ProSim color libraries because the values you specify for a process color affect how the color prints. When you change the color model, the options in the bottom of the requester will change. For CMYK, RGB, HLS, HSV and Grayscale, drag the sliders to specify the color values. For Pantone colors, select the color name from the scrolling list. In screen modes with 16 or more colors, the color swatch in the upper right corner of the requester will change to reflect the current color values.
Tint	Enter the percentage of the color values to use; from

0100%.

1.11 Settings/ Fonts...

Settings/ Fonts...

This command is used to install and remove fonts for PageStream. PostScript Type 1, Compugraphic Intellifont, and Soft-Logik PageStream format fonts may be installed for use in PageStream 3.0.

When you choose the Fonts command, the Font Preferences requester will open.

Font Preferences	Description
Font drawers in use	This lists the drawers of fonts that have been added to PageStream. Fonts in these drawers are available for use in PageStream. If you change the fonts in a drawer, you must select the drawer from this list and click on the Update gadget.
Add	Click to add a new font drawer to PageStream. A file requester will open. Use it to open a drawer containing the fonts you wish to add. Click on Add in file requester to add the path to the Font Drawers In Use scrolling list.
Remove	Click to remove the selected font drawer from the Font Drawers In Use scrolling list. The fonts in this drawer will no longer be available for use in PageStream.
Update	Click to check the selected font drawer for new or changed fonts. This is equivalent to removing the drawer and re-adding it. You must use this option whenever you change the fonts in a drawer.
Maximum memory to use	Enter the maximum memory that PageStream should use to cache fonts. Rasterizing a bitmap character from an outline font can be slow, so PageStream uses a cache to store bitmap characters to increase the speed of subsequent uses of the same characters. If the cache is set to zero, PageStream will have to generate a bitmap each time you type a character. In general, increasing the size of the cache will decrease the time it takes to display text. If you use only a few fonts in a limited number of sizes, then increasing the size of the cache beyond 100K will make little difference. If you use a lot of fonts in many different sizes, then increasing the size of the cache will increase the text display speed. Reserving memory for a cache will decrease the amount of memory available, so do not allocate too large of cache. A cache size of 50K is recommended for 2MB computers. If you have more

than 2MB, a cache of 100K to 250K is recommended.

Maximum size to cache Enter the maximum size of bitmap characters to cache, in pixels. In general, small characters are used more often than large characters, so it is more important to cache small characters. Large characters also use more of the available cache because they consume more memory. By restricting the cache to smaller characters, you can increase the number of characters it can hold.

The size limit is measured in pixels, not in points, because the number of pixels required to display type depends on the resolution. NTSC monitors generally are 65x55 dpi, whereas PAL monitors are 75x75 dpi. If you use a non-PostScript printer, this value also impacts on the speed of printing, because bitmap characters are used to print to printers without PostScript. Use this formula to determine the maximum size to cache:

$$\text{printing resolution} / 72 \text{ (points per inch)} * \text{size of the text to print}$$

If your body text is 12 points, then a 50 pixel limit would be sufficient for 300 dpi printing, whereas a 100 pixel limit would be needed for 600 dpi. A smaller limit of 24 48 points should be used if you have a PostScript printer.

1.12 Settings/ Editors...

Settings/ Editors...

This command sets the default text, picture and drawing editor scripts. Editors are programs that can modify data in a PageStream document. You can use the Send to Editor command to send a text article, picture or drawing to an editor. The Send to Editor command executes the ARexx script for the type of data selected, as specified with the Editors command.

Send to Editor scripts are included with PageStream for some common programs that support ARexx. Text editor scripts are included for PageLiner and TurboText. Picture editor scripts are included for BME and Art Department Professional. A drawing editor script is included for ProVector. Note that a drawing editor script cannot be written for Art Expression 1.0 because it does not support ARexx.

When you choose the Editors command, the Editor Preferences requester will open.

Editor Preferences	Description
Text editor script	Enter the full path and name of the ARexx script to execute when Edit/Send to Editor is chosen and

the insertion point is in an article.

Picture editor script Enter the full path and name of the ARexx script to execute when Edit/Send to Editor is chosen and a bitmap picture is selected.

Drawing editor script Enter the full path and name of the ARexx script to execute when Edit/Send to Editor is chosen and a drawing is selected.

1.13 Settings/ Edit Hyphenation

Settings/ Edit Hyphenation

This command adds hyphenation exceptions to the hyphenation exceptions dictionary. You can also use this requester to verify how the hyphenation algorithms will break a word, and to remove words from the hyphenation exceptions dictionary.

When you choose the Edit Hyphenation command, the Edit Hyphenation requester will open.

Edit Hyphenation Description

Language	Choose a language from those available. This sets the hyphenation algorithms used to break words.
Word	Enter the word to add, remove or find in the hyphenation exceptions dictionary. If you want to add a word to the hyphenation exceptions dictionary, place a tilde ~ at each desired break point.
Break	Click to see how the hyphenation algorithms would break the word.
Find	Click to search the hyphenation exceptions dictionary for the word. If the word is in the dictionary, it's break points will be shown.
Add	Click to add the word with the break points shown with tildes to the hyphenation exceptions dictionary. From now on, the word will be hyphenated only with respect to this exception.
Delete	Click to delete the word from the hyphenation exceptions dictionary. From now on, the word will be hyphenated only with respect to the hyphenation algorithms.

1.14 Settings/ Edit Kerning...

Settings/ Edit Kerning...

This command edits the kerning pairs defined for a font. Kerning pairs are defined in the metric file of PostScript and PageStream fonts. Compugraphic Intellifonts do not have kerning pairs, but the kerning segments are used to generate kerning pairs for the most common character pairs.

When you change a kerning pair or add a new pair, the values are stored in an external kerning table instead of in the font itself. If you print your document from PageStream on a different computer, you must install the kerning tables in order for the text to print in the same manner.

When you choose the Edit Kerning command, the Edit Kerning requester will open.

Edit Kerning	Description
Font	Choose the font whose kerning pairs you want to edit.
Pairs	Select the kerning pair to change.
Pair	Enter a kerning pair to change or add.
Kern amount	After you select a pair from the Pairs scrolling list, or enter a kerning pair in the Pair text gadget, enter the kerning value for the pair. Kerning units are measured in increments of 0.01 em space. Entering a kerning value of -10 would reduce kerning by 0.1 em space (10/100).
Guess	Click to have PageStream estimate a kerning value based on the character shapes.
Add	Click to add the new or changed kerning pair to the font's kerning table.
Delete	Click to delete the kerning pair from the kerning pair list.
Reset	Click to replace the edited kerning pair table with the font's original kerning values. This will delete the external kerning pair table for the font.

1.15 Settings/ Toolbox

Settings/ Toolbox

This command displays or hides the Toolbox, which you can use to create and modify objects and text. A checkmark will appear next to the command in the menu when the Toolbox is open.

To change to another tool, click on it with the mouse. To change tools without using the mouse, hold down an Alt key while you press the Tab key to select the tool below or to the right of the current tool (depending on the toolbox orientation). Hold down a Shift key and an Alt key while

you press Tab to select the tool above or to the left of the current tool.

The mouse pointer will change shape when it is over the document window, depending on the tool selected.

See also Toolbox for more information on each tool.

When you choose the Toolbox command while holding down a Shift key, the Toolbox Preferences requester will open. This requester allows you to change the toolbox orientation, size, and tool defaults.

Toolbox Preferences	Description
Display Toolbox	Check to display the toolbox. This is equivalent to choosing the menu command without Shift.
Format	Click to toggle between vertical and horizontal toolbox layouts. The toolboxes are identical except for their orientation.
Size	Click to toggle between large and small tools in the toolbox. The toolbox icons are identical, but some people prefer larger tools to make them easier to select.
Magnify Increment	Enter the default increment for the Magnify tool. When you click on the screen with the Magnify tool selected, the magnification will be changed by this percent. 100% is equivalent to no change; 200% would double the magnification. Do not enter an increment of less than 101%, because you can hold down a Shift key while clicking on the screen to reduce magnification.
Column Background	Click to toggle the default text column frame background between clear (transparent) and opaque (solid white). Use the Object/ Line/Fill command after creating a frame for other fills and colors.
Column Number	Enter the default number of columns in a text column frame.
Column Gutter	Enter the default gutter space between columns in a text column frame.
Rounded Box Type	Choose the default corner type for rounded boxes.
Rounded Box Horz, Vert	Enter the default corner radii for rounded boxes.
Ellipse Type	Enter the default ellipse type.
Ellipse Start, End	Enter the default arc and pie starting and ending angles. These options apply to arcs and pies only; not actual ellipses.
Polygon Type	Choose the default polygon type.

Polygon Sides	Enter the default number of sides for polygons, from 2 99.
Polygon Radius	Enter the default radius of the alternate points for polygons, as a percentage of the actual radius.
Polygon Pre-rotate	Enter the default angle at which a polygon should be rotated before being drawn.
Polygon Angle	Enter the default angle at which the alternate points of a polygon should be deflected from the actual points, from 0 90 degrees.

1.16 Settings/ Edit Palette

Settings/ Edit Palette

This command displays or hides the Edit palette, which you can use to view and set object coordinates and text attributes. A checkmark will appear next to the command in the menu when the Edit palette is open.

To change an Edit palette option, click on it with the mouse. To change a text gadget option without using the mouse, press Ctrl E (hold down the Ctrl key while you press the E key). The cursor will appear in the first text gadget. Press the Tab key to move to the appropriate text gadget.

If you change a value in a text gadget, press the Tab key to move to the next text gadget, or press the Return or Enter key to return to the document. Changes are applied immediately when you press Tab, Return or Enter. If you do not press one of these keys, the change will not be applied.

The options in the Edit palette change depending on the tool selected from the toolbox.

When a drawing tool is selected, the Edit palette will display the current mouse coordinates. When you begin drawing, additional coordinates specific to the object type will become visible to inform you of the object's size:

Drawing tool options	Description
X, Y	Horizontal and vertical mouse coordinates
X1, Y1, X2, Y2	Horizontal and vertical bounding box coordinates
CX, CY	Horizontal and vertical center
RX, RY	Horizontal and vertical radii
W, H	Width and height
L, A	Length and angle

When the Object tool is selected but no objects are selected, the Edit palette will show the current mouse coordinates. If you drag to select objects, the Edit palette will show the marquee's size.

When the Object tool is selected and an object is selected, the Edit palette will show the object's coordinates. Some options are available only for certain types of objects.

Object tool options	Description
X, Y	Enter the horizontal and vertical coordinates of the object's top left corner.
W, H	Enter the width and height of the object, in measurement units or percent.
RX, RY	Enter the horizontal and vertical radii.
*	Enter the rotation, slant and twist angles of the object.
*	Click to flip the object vertically.
*	Click to flip the object horizontally.
*	Click to toggle the lock status of the object.
*	Click to toggle the proportional scale status of the object. This will maintain the original aspect ratio of the object when you resize it by dragging its size handles.
*	Click to toggle the printing status of the object. This will stop the object from printing.
HC, VC (box)	Enter the horizontal and vertical corner radii of a round cornered box if a corner type other than Normal is selected.
Popup arrow (box)	Choose the corner type. Normal boxes have square corners. Round boxes have outwardly curved corners, while scalloped boxes have inwardly curved corners. Beveled boxes have angled corners and inset boxes have inwardly curved corners.
Starting, Ending (ellipse)	Enter the starting and ending angles of the arc for arcs and pies. 0 degrees is at 3 o'clock, 90 degrees is at 12 o'clock, etc.
Popup arrow (ellipse)	Choose the elliptical shape type. Ellipses are closed elliptical shapes. Arcs are a portion of an ellipse's arc. Pies are similar to arcs, but have lines joined the endpoints of the arc to the center.

Sides (polygon)	Enter the number of sides, from 2 99.
Popup arrow (polygon)	Choose the polygon shape type. Normal polygons have flat sides joining the points. Puffy polygons have outwardly curved sides, while scalloped polygons have inwardly curved sides. Wavy polygons have puffy-scalloped alternating sides and stars have pointed sides.
AR (polygon)	Enter the radius of the alternate points as a percentage of the polygon's radius, for all polygon types except normal polygons. Star, puffy, scalloped and wavy polygons have points that alternate with the points of the actual sides. For example, a five-sided star has 5 points, and 4 alternate points inside the polygon shape.
CX, CY (grid object)	Enter the number of grid cells in each direction, from 1 to 99. The number of cells is one less than the number of lines in the grid.

* Cannot be shown here due to the limitations of AmigaGuide. Refer to page 426 of the manual for more information on these Edit palette options.

objects. Shift click on the arrow gadgets to nudge by 1/10th the normal amount. The nudge amount is set with the Settings/Drawing command.

common denominator and add it to the rotation angle. Rotation is a combination of slant and twist, so PageStream reduces the three values to rotation and slant angles. To avoid distraction, PageStream does not do this until you deselect the object. This does not affect the appearance of the object.

Edit palette. Choose the Object/Edit command instead of using the Edit palette if you wish to set these values.

When the Reshape tool is selected but no objects are selected, the Edit palette will show the current mouse coordinates. If you drag to select objects or points, the Edit palette will show the marquee's size.

The Reshape tool is used for two diverse purposes: to crop graphics and to edit points in paths. When the Reshape tool is selected and a picture, drawing, EPS object, group or compound object is selected, the Edit palette will show the object's frame coordinates, and the scale and offset of the graphic within its frame. Some options are available only for certain types of objects.

Reshape tool options	Description
FX, FY (framed object)	Enter the horizontal and vertical coordinates of the frame's top left corner.
FW, FH (framed object)	Enter the width and height of the frame, in

measurement units or percent.

SX, SY (framed object)	Enter the scale of the graphic within its frame.
OX, OY (framed object)	Enter the offset of the graphic within its frame, from the top left corner of the frame.
PX, PY (point)	Enter the horizontal and vertical coordinates of the point.
cX1, cY1 (point)	Enter the horizontal and vertical coordinates of the incoming curve handle.
cX2, cY2 (point)	Enter the horizontal and vertical coordinates of the outgoing curve handle.
* (point)	Click to delete the selected point, or press the Del key.
* (point)	Click to split the path at the selected point.
* (point)	Click to select the previous point and to deselect the current point.
* (point)	Click to select the next point and to deselect the current point.

* Cannot be shown here due to the limitations of AmigaGuide. Refer to page 429 of the manual for more information on these Edit palette options.

the Edit palette will show the point's coordinates, and the coordinates of its incoming and outgoing curve handles. If more than one point is selected, or if point(s) and object(s) are selected simultaneously, the Edit palette will show the width and height of the points' and objects' bounding box.

offset. Shift click on the arrow gadgets to nudge by 1/10th the normal amount. The nudge amount is set with the Settings/Drawing command.

When the Text tool is selected and the insertion point is not placed in a text object, the current default attributes will be displayed in the Edit palette. If the insertion point is placed in a text object or text is highlighted, the attributes at the insertion point or of the highlighted text will be displayed.

The Edit palette can be toggled between Character and Paragraph attribute views to set the desired attributes. The options are:

Text tool options	Description
	button will be depressed when in paragraph view.
C (Character view)	Click to view the character attributes. The button will be depressed when in character

view.

Style	Choose a character or paragraph style tag, as applicable.
Font	Choose a font. Typeface and style names are combined as font names to save space in the Edit palette.
*	Click to set a type style. Click on Normal to toggle off all styles. Shift click on a style button to configure the style. (You cannot configure Normal or Bold.) The icons, from left to right, are Normal, Bold, Italics, Underline, Outline, Reverse, Shadow, Small Caps, Superscript and Subscript.
Size (popup)	Choose a predefined type size. This popup is not documented in the manual because it was added in a later version.
Size	Enter the type size, from 150,000 points, in 0.001 point increments.
Width (popup)	Choose a predefined type width as a percentage of its size. This popup is not documented in the manual because it was added in a later version.
Width	Enter the type width as a percentage of its size, from 1 to 655%, in 0.01% increments.
Track (popup)	Choose a predefined track, from Very Loose to Very Tight. Choose None to not track text. Choose monospaced to make all characters the width of the widest character in the font.
Track (amount)	Enter a custom tracking amount from 0 100. Tracking is measured in 100/ths em space; 100 tracking units equals one em space. If you have chosen a predefined track from the popup, the custom tracking value will be applied to it.
Lead (popup)	Choose the leading type. Automatic adds the leading amount between each line of type. Relative leading is expressed as a percentage of the type size. Fixed leading spaces the baselines apart by a fixed amount. Leading grid snaps the baselines to the document leading grid.
Lead (amount)	Enter the leading amount. The units depend on the selected leading method.
Keep	Choose the widow and orphan control method. Choose Lines to keep a number of lines

together at the start and end of the paragraph. Choose Paragraph to keep the entire paragraph together. Choose None to allow the paragraph to be broken at the end of a column.

S, E	Enter the number of lines to keep together at the start and end of the paragraph. (These options are available only when the Lines option is chosen from the Keep popup.
*	Click to set left, right, center or justified alignment.
Left	Enter the amount to indent the paragraph from the left margin.
First	Enter the amount to indent the first line of the paragraph from the left margin. Enter a negative value to outdent the first line from a left indented paragraph.
Right	Enter the amount to indent the paragraph from the right margin.
Before, After (popup)	Choose the paragraph spacing type. Fixed is the most common method and adds a fixed amount of space before or after a paragraph. Relative adds an amount relative to the type size in the first line of the paragraph. None adds no space between paragraphs. You can choose to add space before and/or after a paragraph.
Before, After (amount)	Enter the space to add before or after the paragraph. The units depend on the selected before paragraph spacing method.

* Cannot be shown here due to the limitations of AmigaGuide. Refer to pages 430-431 of the manual for more information on these Edit palette options.

on the arrow gadgets to nudge them by 1/10th the normal amount. The nudge amount depends on the option.

1.17 Settings/ Color Palette

Settings/ Color Palette

This command displays or hides the Color palette, which lists the colors defined for the current document. A checkmark will appear next to the command in the menu when the Color palette is open.

You can use the Color palette to apply colors to objects and text in your document. If the objects are selected with the Object tool, you can change the line and fill color of the objects. If text is selected with the Text tool, you can change the line and fill color of the text. Note

that you cannot change the color of text by selecting a text object with the Object tool; this will change the frame's line and fill color.

If nothing is selected when you choose a color, it will be used for the next objects you create or text you enter, depending on the tool selected.

To apply color to the fill, choose the Fill icon (the middle icon) in the Color palette then click on a color name, and to apply color to the line stroke, choose the Line icon (the right icon). Choose the Both icon (the left icon) to apply color to the line and fill simultaneously.

To change a color, hold down an Shift key and click on the color name to open the Edit Color requester. To create a new color, Shift click on <As Is> (the unset attribute) to open the Define Colors requester. You can also choose the

Colors
command to open this requester.

Color Palette	Description
All/In Use cycle	Click to toggle between showing all the colors defined in PageStream, or just those in use in the current document.
(left icon)	Click to set line and fill colors.
(middle icon)	Click to set only the fill color.
(right icon)	Click to set only the line color.
Color list	When the Text tool is selected, choose the color to use for the selected text or for the next text entered. When the Object or Reshape tool is selected, choose the color to use for the selected objects. When a drawing tool is selected, choose the color to use for the next objects drawn. Hold down a Shift key and click on a color to change or rename it.

1.18 Settings/ Font Palette

Settings/ Font Palette

This command displays or hides the Font palette, which lists the fonts installed in PageStream or used in the current document. A checkmark will appear next to the command in the menu when the Font palette is open. You can also choose fonts with the Edit palette.

You can use the Font palette to set the typeface and type style for the selected text or for the next text you enter.

Font Palette	Description
All/In Use cycle	Click to toggle between showing all the fonts installed in PageStream, or just those in use in the current document.

Font list Choose the font to use for the selected text or for the next text entered. Typeface and style names are combined as font names to save space in the Edit palette.

1.19 Settings/ Style Palette

Settings/ Tag Palette

This command displays or hides the Style palette, which lists all the style tags defined for the current document. New documents always have the style defined in the PageStream.styles file. A checkmark will appear next to the command in the menu when the Style palette is open.

You can use the Style palette to apply a style tag to the selected text, or to the next text you type.

Style Palette Description

All / In Use Check to toggle between showing all the style tags defined in PageStream, or just those in use in the current document.

available when the Text tool is selected.)

C (Character) Click to set Character style tags. (This option is only available when the Text tool is selected.)

Style list When the Text tool is selected, choose the paragraph and/or character style to use for the selected text or for the next text entered. When the Object tool is selected, choose the object style tag to use for the selected objects. When a drawing tool is selected, choose the object style tag to use for the next objects drawn. Hold down a Shift key and click on a style tag to change or rename it. Shift click on <As Is> (the unset attribute) to open the Text Style Tags or Object Style Tags requester to create, edit and delete style tags.

1.20 Settings/ Macro Palette

Settings/ Macro Palette

This command displays or hides the Macro palette, which lists all internal PageStream macros. A checkmark will appear next to the command in the menu when the Macro palette is open.

You can use the Macro palette to execute internal PageStream macros. Select a macro and click on the Execute gadget to play back the macro. Hold down a Shift key and click on a macro name to modify it in the Edit Macro requester.

Only internal macros are listed in the Macro Palette. Use the Execute ARexx Macro command to execute external ARexx scripts.

Macro Palette	Description
Execute	Execute the selected macro.
Macro list	Choose the macro to execute. Shift click on a macro to edit it.

1.21 Settings/ Page Palette

Settings/ Page Palette

This command displays or hides the Page palette, which can be used to display, add, delete and reorder pages. The Page palette can also be used to create and dissolve page spreads.

When you create a document, only one page icon will be visible in the Page palette. If you add objects to another page, icons for the required pages will appear in the palette. Pages are created automatically when you add objects to them.

A checkmark will appear next to the command in the menu when the Macro palette is open.

Page Palette	Description
Master Page popup	Choose the master page for the selected page.
Negative Magnify	Click to reduce the size of the page icons so that you can see more of them at once.
Positive Magnify	Click to increase the size of the page icons.
Delete	Click to delete the selected page.
Edit	Click to edit the page setup of the selected page. This gadget opens the Edit Page requester.
Page icon	Drag the page icon into the scrolling list to insert a new page. The master page selected in the Master Page popup will be used as the basis for the inserted page.
Pages scrolling list	Click on a page icon to select it. Shift click to select multiple pages. Click on a blank spot to deselect the pages. Double click on a page to display it in the current window.
	Drag a page to another position to reorder the pages. A bar will appear in between other pages to indicate that the page(s) will be inserted.

Drag a page icon onto the side of another page icon to join them together in a spread. The edge of the page icon will become bold to indicate that you are within range.

Drag a page out of a page spread to another position in the document to remove it from the spread.

1.22 Settings/ Snapshot Display

Settings/ Snapshot Display"

This command saves the size and position of the palettes, toolbox and active document window. The values are saved into the default preferences file, PageStream3:PageStream3.prefs. When you next start the program, the palettes, toolbox and first document window opened will be in the saved positions.

This command does not save the position of multiple document windows---all windows are opened to the same size and position. The collapses state of palettes is saved, so you can set up the palettes as collapsed bars to save room. Alt click on the Close gadget of a palette to collapse it. (The Edit palette does not have a Close gadget.)

1.23 Settings/ Load Settings...

Settings/ Load Settings...

This command opens a file requester to select a settings file to load. Loading a settings file replaces the current program settings with those in the settings file.

The PageStream3.prefs settings file is loaded automatically when you start PageStream. It is created or modified by choosing the

Save Settings

command. Use this file for your default settings; the options that you want set every time you use PageStream. Create other settings files for specific tasks with the

Save Settings As

command.

These can be loaded with the Load Settings command. You can also use Load Settings to restore your settings after changing them by loading the PageStream3.prefs file.

You can create settings file that set only a few options, because settings files are ASCII files which may be edited in a text editor. Only the options specified in the settings file will be reset when you load the file. Settings files can contain all of the options in the Settings menu, plus the page and grid settings. (The New Document and Set Grid requesters have attached Settings menus which can be used to save their

options to the PageStream3.prefs file.)

1.24 Settings/ Save Settings, Save Settings As

Settings/ Save Settings, Save Settings As

These commands save the current program settings to a preferences file. The Save Settings As command opens a file requester to enter a filename and path for the settings file. The Save Settings command saves the settings directly to the PageStream3:PageStream3.prefs file without opening a file requester. Saved preferences files can be opened later with the

Load Settings
command.

1.25 Settings/ Help...

This command displays this help system.
