FirstPROOF (v5.0) Comparison Chart

Feature	Explanation	Standard	Professional
Formats			
PGB Input (Harlequin)	Configures a Harlequin RIP for viewing (internal RIP) PGB images.	✓	✓
TIFF Input	Configures an Input Folder for viewing TIFF images (both tiled and striped).	✓	✓
LEN Input	Configures an Input Folder for viewing Esko-Graphics LEN images.	✓	✓
TIFF Open	Dynamically opens the TIFF files in a given folder for viewing.	✓	✓
Job Information			
Device	Displays the output device name.	✓	✓
Resolution	Displays the horizontal and vertical resolution of the image.	✓	✓
Dimensions	Displays the width, height and area of the image.	✓	✓
Format	Displays the raster depth, interleaving style and channels of the image.	✓	✓
File Info	Displays the size of the image (may be compressed), its compression format and when it was created.	✓	✓
Ink Coverage	Calculates the total ink coverage of each separation.	✓	✓
Page Thumbnails	Displays each page in a job using a thumbnail (a small image of the actual page).	✓	✓
Positional Tools			
Navigator	Shows the position of the main view in a reduced (resizable and floatable) view.	✓	✓
Position	Displays the position of the cursor in the image, both in the ruler and the status bar.	✓	✓
Rulers	Shows the position of the view in the image and allows for simple measurements.	✓	✓
Ruler (Origin)	Adjustment Move/set the origin of the rulers to any required position (e.g. bottom right of image).	✓	✓
Grid Lines	Displays a user specifiable grid of lines over the image to aid with visual alignment.	✓	✓
Guide Lines	Add user-positioned horizontal and vertical guide lines to check alignment.	✓	✓
Movement Tools			
Scroll Bars	Scroll around using the arrows, clicking in the scroll bar or by dragging them.	✓	✓
Hand Mode	Move the image around by dragging it with the mouse down.	✓	✓
Navigator Click	Move the image to a desired location by clicking in the Navigator.	✓	✓
Navigator Drag	Move the image around by dragging the main view (green box) in the Navigator.	✓	✓
Navigator Select	Select an area in the Navigator to view that area fully in the main view.	✓	✓
Zoom Tools			
Actual Pixels	Changes the zoom level so that the exact pixels of the image are viewed (1:1).	✓	✓
Best Fit	Changes the zoom level so that the image fits best in the current view.	✓	✓
Zoom In / Out	Zooms the image in / out by a single level, making it twice / half the size.	✓	✓
Zoom Level Select (reduce)	Select a zoom level from one of 50%, 25%, 12.5%, etc..., reducing the size of the original image.	✓	✓
Zoom Level Select (enlarge)	Select a zoom level from one of 800%, 400% & 200%, enlarging the size of the original image.	✓	✓
Zoom In / Out / Area Mode	Changes the current mode to zoom in / out / area mode, enabling multiple zooms.	✓	✓
Navigator Zoom	Having selected an area in the Navigator, zooms so as to fit this in the main view.	✓	✓
Magnifier Window	Magnifies an area around the current cursor position by 8x.	✓	✓
Down Sample	Server Performs background down-sampling of images for immediate zooming.	✓	✓
Orientation Tools			
Rotate Left / Right	Rotates the image by 90 degrees anti-clockwise / clockwise.	✓	✓
Mirror Flip	Mirror Flips the image horizontally.	✓	✓
Proportional View	Adjusts the resolution for non-matching X & Y resolutions so that the image is shown in proportion	✓	✓
Automatic Rotate & Mirror	Automatically rotates and mirror flips pages as required for correct viewing.	✓	✓
View Tools			
Negative	Inverts the input channels of the image so as to view a negative image correctly.	✓	✓
Automatic Negative	Automatically inverts the input channels of the image (if required)so as to view a negative image.	✓	✓
Trap Black	Reduces any black channels of the image to 50% to view black traps.	✓	✓
View Black	Sets all channels of the image to black, so as to view screening rosettes or moire.	OPT-VIEW	✓
Ink Limits – Max Ink (TAC)	Displays areas of the image in a user specified colour that exceed an ink limit.	OPT-VIEW	✓
Ink Limits – Min Ink	Displays areas of a separation in a user specified colour that are below a threshold.	OPT-VIEW	✓
Dot Gain (1 bit data)	Physically emulates dot gain of 1-bit output showing dot gain and dot loss (fast scan).	OPT-VIEW	✓
Tone Curve (8 bit data)	Applies a Tone Curve to 8-bit output to invert any applied during the RIPping process.	OPT-VIEW	✓
Compare Separations	Compares two separations displaying areas that are different.	OPT-VIEW	✓
Colour Tools			
Colour Manager	Creates a database of colours used to change the view colour of jobs or separations.	✓	✓
Enable/Disable Colour	Adds or removes separations from those being viewed whilst viewing.	✓	✓
Change Colour	Changes the colour of a single separation whilst viewing.	✓	✓
Change All Colours	Changes the colour of all separations with the same colour name whilst viewing.	✓	✓
Paper Colour	Changes the colour of the paper (background colour) to a user specified colour.	✓	✓
Opaque Inks	Views a colour using opaque ink (such as White or Gold) instead of using transparent ink.	✓	✓

Feature	Explanation	Standard	Professional
Colour Management			
Colour Manage	Enables Colour Management which gives a colour accurate view of the image.	OPT-COL	✓
Gamut Check	Checks which colours being viewed are out of gamut for the monitor, displaying them in red.	OPT-COL	✓
Spectral Manager	Provides spectral profiling for different paper stock, inks and presses.	OPT-COL	✓
Light Manager	Provides for colour matching of jobs under different lighting conditions.	OPT-COL	✓
Measurement Tools			
Objects (1D)	Measures the distance and angle between two points and therefore of objects.	OPT-VIEW	✓
Objects (2D)	Measures the width and height between two points and therefore of objects.	OPT-VIEW	✓
Screens	Measures a screens angle and frequency by selecting the centres of two dots.	OPT-VIEW	✓
Screens (Auto)	Automatically measures the screen angle and frequency in multiple separations.	OPT-VIEW	✓
Colour	Measures the RGB colour either where the mouse is or of a selected area.	OPT-VIEW	✓
Density	Measures the density (%) either where the mouse is or of a selected area.	OPT-VIEW	✓
Barcode	Reads an EAN/UPC barcode to verify it, additionally showing the BWR factor and Scaling percentage.	OPT-VIEW	✓
Printing & Exporting			
Copy-n-Paste	Copies the Navigator window (Docked or Floating) to the Clipboard.	✓	✓
Print	Prints the separations being viewed to a local printer (including enabled tools).	OPT-PRINT	✓
Print One	Prints one copy of the separations being viewed to a local printer (including enabled tools).	OPT-PRINT	✓
Print View	Prints the current view image at 72 dpi to a local printer	OPT-PRINT	✓
PDF Export	Export (via print – requires 3rd party products on PC) the separations being viewed to a PDF file.	OPT-PRINT	✓
Miscellaneous Tools			
Full Screen	Makes the application run in Full Screen Mode, providing a larger area for viewing.	✓	✓
Selection Manager	Creates a database of Selection Sets used to view sub-areas in different flat schemes.	✓	✓
Selection [Set] Tool	Creates multiple sub-areas in a flat for subsequent viewing (useful for printing pages in flats too).	✓	✓
Selection View	Views the currently selected sub-area (hiding the rest of the flat), with fast switching of selected area.	✓	✓
Cylinder Seam	Views the image side by side either vertically or horizontally, to check a wrap-around seam.	OPT-VIEW	✓
Duplex View	Views the Front and Back of a Duplex Page together, with controls over Paper Transparency.	OPT-VIEW	✓
Scum Dot Tool	Automatically removes single pixels from separations, preventing Scum Dots forming on press.	OPT-SCUM	✓
Miscellaneous Features			
Job Builder	Builds a complete list of jobs, pages and separations from a set of images.	✓	✓
Job Status	Shows the status of jobs - Input, Held, Media Saving, Approved, Rejected, Waiting and Output.	✓	✓
Site Accounts	Allows for different sites, with control over which Inputs (and sub-inputs) can be viewed. [optional]	✓	✓
User Accounts	Allows for different users, with control over which operations (e.g. Delete) can be performed. [optional]	✓	✓
Job Alerts	Alerts the user when a job arrives, or when a job becomes old (and hasn't been output).	✓	✓
Job Hold (PGBs only)	Configure each Page Setup in the RIP to Hold jobs for approval prior to Output.	✓	✓
Job Notes	Allows the user to make notes about the job, for example why it was rejected. [optional]	✓	✓
Approve Job	Marks a Job as Approved, for subsequent Output (or Deletion).	✓	✓
Reject Job	Marks a Job as Rejected, for subsequent Deletion (or Approval).	✓	✓
Delete Job	Deletes a complete job(including those in the Harlequin RIP for a PGB Input).	✓	✓
Delete Page/Separation	Deletes selected pages and separations from a job (including those in the Harlequin RIP for a PGB Input).	✓	✓
Output Job	Sends the job to be output (either to the RIP or Output folder).	✓	✓
Modify Separations	Modifies the colour (e.g. P Blue CV to P Blue CVC) and/or job name of a separation.	✓	✓
Merge Separations	Merges multiple separations (e.g. P Blue CV & P Blue CVC) into a single separation.	OPT-PAGE	✓
Rotate Separations	Rotates multiple separations by either 0, 90, 180 or 270 degrees with a (optional) final mirror.	OPT-PAGE	✓
Sort Jobs	Sorts the jobs in the current Input by date, name or (output) status.	✓	✓
Find Job	Searches all Inputs for a job with a given name (or part of a name).	✓	✓
Backup Jobs	Copies a job to a backup folder on output, allowing for simple archiving.	✓	✓

OPT-VIEW	Optional Advanced View Tools
OPT-PAGE	Optional Page Modification Tools
OPT-PRINT	Optional Print & Export Tools
OPT-SCUM	Optional Scum-Dot Removal Tool
OPT-COL	Optional Colour Management