

# FirstPROOF Comparison Chart (v7)

FEATURE	EXPLANATION	PGB	Lite	Std v7	Pro v7
<b>FORMATS</b>					
PGB Input (Harlequin)	Configures a Harlequin RIP for viewing (internal RIP) PGB files; supports new 64-bit HMR-10.	Y	Y	Y	Y
TIFF Input	Configures an Input Folder for viewing TIFF files (both tiled and striped).	Y	Y	Y	Y
LEN Input	Configures an Input Folder for viewing Esko-Graphics LEN files.	Y	Y	Y	Y
PDI Input	Configures an Input Folder for viewing Presstek DI files.	Y	Y	Y	Y
TIFF Open	Dynamically opens the TIFF files in a given folder for viewing.			Y	Y
<b>JOB INFO</b>					
Device	Displays the output device name.	Y	Y	Y	Y
Resolution	Displays the horizontal and vertical resolution of the image.	Y	Y	Y	Y
Dimensions	Displays the width, height and area of the image.	Y	Y	Y	Y
Format	Displays the raster depth, interleaving style and channels of the image.	Y	Y	Y	Y
File Info	Displays the size of the image (may be compressed), its compression format and when it was created.		Y	Y	Y
Ink Coverage	Calculates the total ink coverage of each separation.			Y	Y
Page Thumbnails	Displays each page in a job using a thumbnail (a small image of the actual page).			Y	Y
<b>POSITIONAL TOOLS</b>					
Navigator	Shows the position of the main view in a reduced (resizable and floatable) view.	Y	Y	Y	Y
Position	Displays the position of the cursor in the image, both in the ruler and the status bar.	Y	Y	Y	Y
Rulers	Shows the position of the view in the image and allows for simple measurements.	Y	Y	Y	Y
Ruler (Origin) Adjustment	Move/set the origin of the rulers to any required position (e.g. bottom right of image).			Y	Y
Grid Lines	Displays a user specifiable grid of lines over the image to aid with visual alignment.			Y	Y
Guide Lines	Add user-positioned horizontal and vertical guide lines to check alignment.			Y	Y
<b>MOVEMENT TOOLS</b>					
Scroll Bars	Scroll around using the arrows, clicking in the scroll bar or by dragging them.	Y	Y	Y	Y
Hand Mode	Move the image around by dragging it with the mouse down.	Y	Y	Y	Y
Navigator Click	Move the image to a desired location by clicking in the Navigator.	Y	Y	Y	Y
Navigator Drag	Move the image around by dragging the main view (green box) in the Navigator.		Y	Y	Y
Navigator Select	Select an area in the Navigator to view that area fully in the main view.			Y	Y
<b>ZOOM TOOLS</b>					
Actual Pixels	Changes the zoom level so that the exact pixels of the image are viewed (1:1).	Y	Y	Y	Y
Best Fit	Changes the zoom level so that the image fits best in the current view.	Y	Y	Y	Y
Zoom In / Out	Zooms the image in / out by a single level, making it twice / half the size.	Y	Y	Y	Y
Zoom Level Select (reduce)	Select a zoom level from one of 50%, 25%, 12.5%, etc.... reducing the size of the original image.	Y	Y	Y	Y
Zoom Level Select (enlarge)	Select a zoom level from one of 800%, 400% & 200%, enlarging the size of the original image.			Y	Y
Zoom In / Out / Area Mode	Changes the current mode to zoom in / out / area mode, enabling multiple zooms.			Y	Y
Navigator Zoom	Having selected an area in the Navigator, zooms so as to fit this in the main view.			Y	Y
Extended Zoom Levels	Extends the default 50%, 25%, etc.... zoom levels by adding intermediate zoom levels.			Y	Y
Magnifier Window	Magnifies an area around the current cursor position by 8x.			Y	Y
Down Sample Server	Performs background down-sampling of images for immediate zooming.			Y	Y
<b>ORIENTATION TOOLS</b>					
Rotate Left / Right	Rotates the image by 90 degrees anti-clockwise / clockwise.	Y		Y	Y
Mirror Flip	Mirror Flips the image horizontally.	Y		Y	Y
Proportional View	Adjusts the resolution for non-matching X & Y resolutions so that the image is shown in proportion			Y	Y
Automatic Rotate & Mirror	Automatically rotates and mirror flips pages as required for correct viewing.			Y	Y
<b>VIEW TOOLS</b>					
Negative	Inverts the input channels of the image so as to view a negative image correctly.	Y	Y	Y	Y
Automatic Negative	Automatically inverts the input channels of the image (if required) so as to view a negative image.			Y	Y
Trap Black	Reduces any black channels of the image to 50% to view black traps.	Y		Y	Y
Trap Color	Reduces all color channels of the image to 50% to view color traps (such as a double yellow trap)			OPT-VIEW	Y
View Black	Sets all channels of the image to black, so as to view screening rosettes or moiré.			OPT-VIEW	Y
Ink Limits – Max Ink (TAC)	Displays areas of the image in a user specified color that exceed an ink limit.			OPT-VIEW	Y
Ink Limits – Min Ink	Displays areas of a separation in a user specified color that are below a threshold.			OPT-VIEW	Y
Dot Gain (1 bit data)	Physically emulates dot gain of 1-bit output showing dot gain and dot loss (fast scan).			OPT-VIEW	Y
Tone Curve (8 bit data)	Applies a Tone Curve to 8-bit output to invert any applied during the RIPping process.			OPT-VIEW	Y
Compare Separations	Compares two separations displaying areas that are different.			OPT-VIEW	Y
<b>COLOR TOOLS</b>					
Color Manager	Creates a database of colors used to change the view color of jobs or separations.	Y	Y	Y	Y
Enable/Disable Color	Adds or removes separations from those being viewed whilst viewing.	Y	Y	Y	Y
Change Color	Changes the color of a single separation whilst viewing.	Y	Y	Y	Y
Change All Colors	Changes the color of all separations with the same color name whilst viewing.	Y	Y	Y	Y
Paper Color	Changes the color of the paper (background color) to a user specified color.			Y	Y
Opaque Inks	Views a color using opaque ink (such as White or Gold) instead of using transparent ink.			Y	Y
<b>COLOR MANAGEMENT</b>					
Color Manage	Enables Color Management which gives a color accurate view of the image.			OPT-COLOR	Y
Gamut Check	Checks which colors being viewed are out of gamut for the monitor, displaying them in red.			OPT-COLOR	Y
Spectral Manager	Provides spectral profiling for different paper stock, inks and presses.			OPT-COLOR	Y
Light Manager	Provides for color matching of jobs under different lighting conditions.			OPT-COLOR	Y
<b>MEASUREMENT TOOLS</b>					
Objects (1D)	Measures the distance and angle between two points and therefore of objects.			OPT-VIEW	Y
Objects (2D)	Measures the width and height between two points and therefore of objects.			OPT-VIEW	Y
Screens	Measures a screens angle and frequency by selecting the centres of two dots.			OPT-VIEW	Y
Screens (Auto)	Automatically measures the screen angle and frequency in multiple separations.			OPT-VIEW	Y
Color	Measures the RGB color either where the mouse is or of a selected area.			OPT-VIEW	Y
Density	Measures the density (%) either where the mouse is or of a selected area.			OPT-VIEW	Y
Barcode	Reads various barcodes to verify correctness, additionally showing the BWR factor and Scaling percentage.			OPT-VIEW	Y
<b>PRINTING &amp; EXPORT</b>					
Copy-n-Paste	Copies the Navigator window (Docked or Floating) to the Clipboard.			Y	Y
Print	Prints the separations being viewed to a local printer (including enabled tools).			OPT-PRINT	Y
Print One	Prints one copy of the separations being viewed to a local printer (including enabled tools).			OPT-PRINT	Y
Print View	Prints the current view image at 72 dpi to a local printer.			OPT-PRINT	Y
PDF Export	Export (via print – requires 3rd party products on PC) the separations being viewed to a PDF file.			OPT-PRINT	Y
<b>MISCELLANEOUS TOOLS</b>					
Full Screen	Makes the application run in Full Screen Mode, providing a larger area for viewing.			Y	Y
Selection Manager	Creates a database of Selection Sets used to view sub-areas in different flat schemes.			Y	Y
Selection [Set] Tool	Creates multiple sub-areas in a flat for subsequent viewing (useful for printing pages in flats too).			Y	Y
Selection View	Views the currently selected sub-area (hiding the rest of the flat), with fast switching of selected area.			Y	Y
Cylinder Seam	Views the image side by side either vertically or horizontally, to check a wrap-around seam.			OPT-VIEW	Y
Duplex View	Views the Front and Back of a Duplex Page together, with controls over Paper Transparency.			OPT-VIEW	Y
Scum Dot Tool	Automatically removes single pixels from separations, preventing Scum Dots forming on press.			OPT-SCUM	Y
<b>MISCELLANEOUS FEATURES</b>					
Job Builder	Builds a complete list of jobs, pages and separations from a set of images.	Y	Y	Y	Y
Job Status	Shows the status of jobs - Input, Held, Media Saving, Approved, Rejected, Waiting and Output.	Y	Y	Y	Y
Site Accounts	Allows for different sites, with control over which Inputs (and sub-inputs) can be viewed. [optional]		Y	Y	Y
User Accounts	Allows for different users, with control over which operations (e.g. Delete) can be performed. [optional]		Y	Y	Y
Job Alerts	Alerts the user when a new job arrives, or when a job becomes old (and hasn't been output).			Y	Y
Job Hold (PGBs only)	Configure each Page Setup in the RIP to Hold jobs for approval prior to Output.	Y		Y	Y
Job Notes	Allows the user to make notes about the job, for example why it was rejected. [optional]			Y	Y
Approve Job	Marks a Job as Approved, for subsequent Output (or Deletion).			Y	Y
Reject Job	Marks a Job as Rejected, for subsequent Deletion (or Approval).			Y	Y
Delete Job	Deletes a complete job (including those in the Harlequin RIP for a PGB Input).	Y		Y	Y
Delete Page/Separation	Deletes selected pages and separations from a job (including those in the Harlequin RIP for a PGB Input).	Y		Y	Y
Output Job	Sends the job to be output (either to the RIP or Output folder).	Y		Y	Y
Modify Separations	Modifies the color (e.g. P Blue CV to P Blue CVC) and/or job name of a separation.			Y	Y
Merge Separations	Merges multiple separations (e.g. P Blue CV & P Blue CVC) into a single separation.			OPT-PAGE	Y
Rotate Separations	Rotates multiple separations by either 0, 90, 180 or 270 degrees with a (optional) final mirror.			OPT-PAGE	Y
Crop Separations	Crops multiple separations down to a user specified size.			OPT-PAGE	Y
Knockout Separations	Knocks out multiple separations, as required by some Dry Offset printing systems.			OPT-PAGE	Y
Sort Jobs	Sorts the jobs in the current Input by date, name or (output) status.			Y	Y
Find Job	Searches all Inputs for a job with a given name (or part of a name).			Y	Y
Backup Jobs	Copies a job to a backup folder on output, allowing for simple archiving.			Y	Y

OPT-VIEW      Optional Advanced View Tools  
 OPT-PRINT    Optional Print & Export Tools  
 OPT-COLOR    Optional Color Management

OPT-PAGE      Optional Page Modification Tools  
 OPT-SCUM     Optional Scum-Dot Removal Tool