

Field Test Report

A Comprehensive Keypoint Intelligence Field Evaluation



Roland DG TrueVIS XP-640

64-Inch Wide Format Printer

CMYKLkGrOrRe



OUR TAKE

The XP-640 is the latest addition to Roland DG's popular TrueVIS family, offering users the flexibility to print in 8-colour mode—with green, orange, red, and light black additions for an expanded gamut—or as a dual CMYK setup for high-speed production. Roland DG promotes the XP-640 as capable of producing higher resolution output at lower pass rates than the VG3 series, thanks to its two larger staggered printheads. According to Roland DG, these printheads eject finer ink droplets at higher densities, enabling high-resolution results with fewer passes, enabling the device to be targeted at higher production environments.

Unlike the VG3 series, the XP-640 is a print only device and does not include the contour-cut function found on some other TrueVIS products. From a usability perspective, however, it remains familiar: the user interface, media loading procedures, and VersaWorks software and utilities are near-identical to those of the VG3 series.

Walk-up ease of use is enhanced by a responsive touchscreen, enabling quick device setup and

straightforward media profile programing. Maintenance is relatively easy, and the cloud-based Roland DG Connect platform includes a health check that alerts users when maintenance is due.

Unsurprisingly, image quality is a standout feature for this gamut expansion device. The green, orange, and red inks helped the XP-640 generate the largest colour gamut recorded in all Keypoint wide format tests conducted to date. It's also the first device to achieve a sub DeltaE 4.0 colour match result across all fifteen of the challenging corporate logo PANTONE colours, with an average DeltaE of just 2.1. Halftone reproduction was impressive, with natural skin tones, vibrant memory colours, and excellent detail in both light and dark contrast areas, aided by the inclusion of light black ink.

Undoubtedly, the TrueVIS XP-640 sets a new benchmark for image quality in the graphic arts space and will be a formidable competitor where colour fidelity and detail truly matter.

★★★★★

Image Quality

Halftone Images	★★★★★
Colour Accuracy	★★★★★
Colour Gamut	★★★★★
Multi-Panel Wallpaper Consistency	★★★★★

★★★★★

Usability

Media Handling	★★★★★
Device Management and Monitoring	★★★★★
Maintenance and Ink	★★★★★

★★★★☆

Speed

APRIL
2025

BENEFITS

- Seven-inch touchscreen control panel simplifies walk-up device management tasks such as device setup and media profile creation
- Shared platform with Roland DG's other TrueVIS UV, latex, and eco-solvent devices ensures continuity in multi-ink technology operations
- Automated feed calibration and head gap adjustment make setup easier, especially for less experienced operators
- Multiple ink formulation options allow customization to suit different customer environments
- Bundled VersaWorks 6 RIP removes need for third-party software, keeping overall investment costs down (VersaWorks 7 RIP will ship with new models)
- Streamlined media loading and take up system help prevent handling errors and support smooth operation
- Simple to use Roland DG Connect cloud-based app provides at-a-glance device and health status monitoring from the desktop or from mobile devices, plus alerts when attention is needed

ADVANTAGES

- Delivers the largest colour gamut measured to date, surpassing competing device in colour range
- Excellent spot colour performance and is the first device to deliver all of Keypoint's challenging corporate brand spot colours under DeltaE 4.0
- VersaWorks Nearest Color Finder and Variation Job Function offer fast, clear-cut colour optimization
- Optional perforated sheet cutter enables continuous feed printing mode with easy sheet separation upon unloading
- Reproduces natural, accurate skin tones on cast vinyl substrate
- Minimizes manual media feeding during loading with vacuum hold and automated skew risk reduction
- Low and simple maintenance required with easy printhead access and timely alert reminders

IMAGE QUALITY



Halftone Image Reproduction	★★★★★
Colour Accuracy	★★★★★
Colour Gamut	★★★★★
Multi-Panel Wallpaper Hanging	★★★★★

KEY FINDINGS

- Output on monomeric vinyl in most productive mode was generally very good, with natural skin tones, vibrant memory colours, and strong handling of light and dark contrast areas. Metallics were a little overly red, and greyscales had a slight magenta hue.
- Output quality on cast vinyl was even better, with all criteria rated very good, and skin tones achieving the highest classification of excellent for smooth transitions and natural appearance.
- At the highest-quality print mode on cast vinyl, both light and dark contrasts were elevated yet further and earned top excellent ratings
- Excellent colour matching, achieving the first sub Delta E00 4.0 results across all 15 challenging corporate logo colours in highest quality mode on cast vinyl.
- In most productive mode, only two colours fell outside of Delta E00 4.0—PANTONE 2685C (Cadbury Purple) at DeltaE 4.85, and PANTONE 279C (Microsoft) at Delta E 4.56.
- Recorded an average 780,415 colour gamut, the largest measured to date by a significant margin.
- Showed minimal reduction in colour gamut between highest quality and high-speed modes, preserving consistency across output speeds.
- Excellent wallpaper results, with a maximum of 2.46 Delta E00 across the 54-patch media wedge and a dimensional stability of just 0.93 mm variance over the one-metre length.

HALFTONE IMAGE REPRODUCTION



Criteria	MPI 3000: Most Productive (High Speed)	MPI 1105: Most Productive (High Speed))	MPI 1105: Highest Quality (High Quality)
Greyscales	Good	Very Good	Very Good
Skin Tones	Very Good	Excellent	Excellent
Memory Colours	Very Good	Very Good	Very Good
Metallics / Pearlescent	Good	Very Good	Very Good
Light Contrasts	Very Good	Very Good	Excellent
Dark Contrasts	Very Good	Very Good	Excellent
Fine Detail	Very Good	Very Good	Very Good

To compare rival devices' halftone image reproduction results visit [bliQ WF](#)



Memory colours, fine detail



Fine detail, dark contrasts



Metallics, fine detail, pearlescent



Greyscales dark contrasts



Skin tones light contrasts



Fruits and vegetables

Memory colours, fine detail

Keypoint Intelligence's proprietary A0-size wide format test target that comprises six high quality colour/black and white halftone images was printed at the most productive speed/quality setting that produced acceptable image quality without visible banding on both Avery Dennison MPI 3000 and MPI 1105 media. Each of the six images was cut from the larger target and visually appraised under standard lab lighting conditions for colour accuracy, brightness, sharpness and contrast by two Keypoint Intelligence technicians independently. Print samples on the MPI 3000 (monomeric vinyl) were evaluated at a distance of 10 feet (reflecting a walk-/drive-by viewing experience) and those printed on the MPI 1105 (cast vinyl) were evaluated at a closer distance of two feet (reflecting a close-up viewing experience). Once completed, the individual appraisals were combined and a final image quality score was assigned. In the event of differing scores, the sample's quality was debated and a final consensus attained.

▲ PANTONE CORPORATE COLOUR ACCURACY



Avery Dennison MPI 1105: Most Productive (High Speed)

PANTONE Colour	165 C Home Depot	2685 C Cadbury	285 C Walmart	123 C McDonalds	485 C Coca Cola	321 C Siemens	293 C IKEA	109 C IKEA
ΔE00	2.9	4.9	2.5	2.4	1.2	1.7	1.3	3.2
PANTONE Colour	137 C Veuve Cliquot	279 C Microsoft	574 C Harrods	361 C FedEx	476 C UPS	RHOD RED C Mobile	294 C Ford	Average ΔE00
ΔE00	2.5	5.0	3.2	1.7	1.3	3.8	0.4	2.5

Avery Dennison MPI 1105: Highest Quality (High Quality)

PANTONE Colour	165 C Home Depot	2685 C Cadbury	285 C Walmart	123 C McDonalds	485 C Coca Cola	321 C Siemens	293 C IKEA	109 C IKEA
ΔE00	2.1	3.5	1.9	2.0	1.6	1.3	0.8	2.3
PANTONE Colour	137 C Veuve Cliquot	279 C Microsoft	574 C Harrods	361 C FedEx	476 C UPS	RHOD RED C Mobile	294 C Ford	Average ΔE00
ΔE00	2.0	3.7	1.7	1.9	1.8	3.7	0.9	2.1

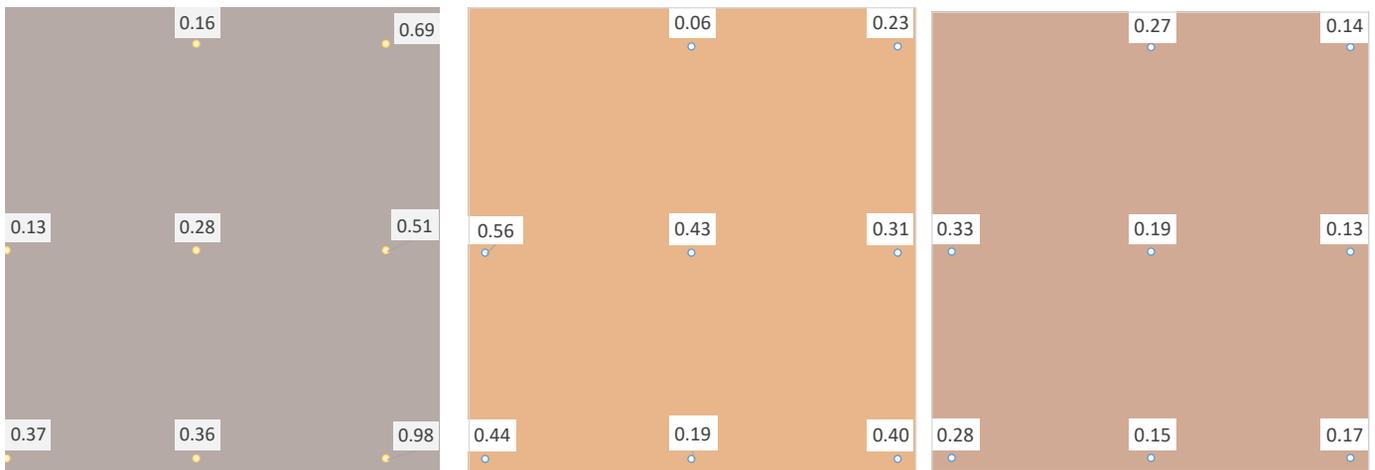
The Keypoint Intelligence target is printed on the Avery Dennison Cast Vinyl MPI 1105 media using the vendor supplied media profiles at the most productive speed setting (no banding visible at two feet viewing distance) and the highest quality mode. Spot colour management is enabled in the DFE but no colour replacements/spot colour editing is permitted. Note: All DFEs will have additional spot colour adjustment capabilities allowing the printer to get closer to the PANTONE targets with extra operator time and effort.

COLOUR CONSISTENCY

MPI 3000: High Speed					
	Top Left	Top Right	Bottom Left	Bottom Right	Maximum Density Difference
CYAN	1.36	1.36	1.33	1.33	0.03
MAGENTA	1.49	1.48	1.48	1.48	0.01
YELLOW	1.12	1.12	1.12	1.11	0.01
BLACK	1.64	1.64	1.63	1.62	0.02
MPI 1105: High Speed					
CYAN	1.33	1.33	1.33	1.39	0.06
MAGENTA	1.45	1.44	1.44	1.46	0.02
YELLOW	1.04	1.05	1.04	1.05	0.01
BLACK	1.62	1.62	1.6	1.62	0.02
MPI 1105: High Quality					
CYAN	1.27	1.27	1.29	1.31	0.02
MAGENTA	1.46	1.46	1.45	1.46	0.01
YELLOW	1.06	1.06	1.05	1.06	0.01
BLACK	1.54	1.55	1.56	1.56	0.02

CMYK solid density measurements are recorded from the four corners of Keypoint Intelligence's A0 target chart using a calibrated XRite eXact spectrophotometer. Results are obtained on the Avery Dennison MPI 1105 Cast Vinyl media at the most productive and highest quality mode, and on the Avery Dennison MPI 3000 Monomeric Vinyl at the most productive mode.

Colour Consistency – Delta E00 Across Page



Neutral Gray

Average 0.44
Maximum **0.98**

Skin Tone 1

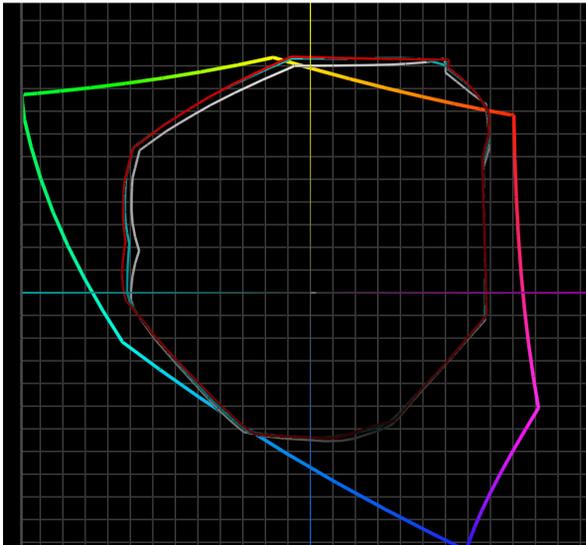
Average 0.33
Maximum **0.56**

Skin Tone 2

Average 0.21
Maximum **0.33**

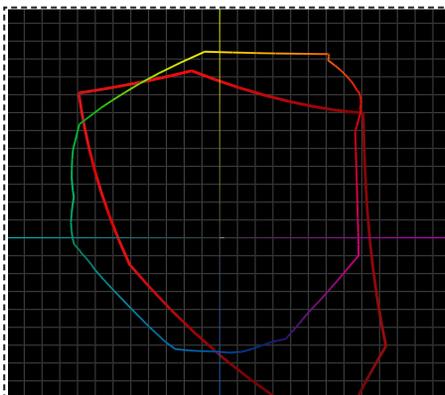
Three Keypoint Intelligence A0 targets with 100% coverage of two skin tone shades and a neutral grey were printed on the Avery Dennison Cast Vinyl MPI 1105 media at the most productive speed setting. Colour consistency across the sheets were assessed by comparing the top left corner against eight other locations using a Xrite eXact spectrophotometer.

COLOUR GAMUT

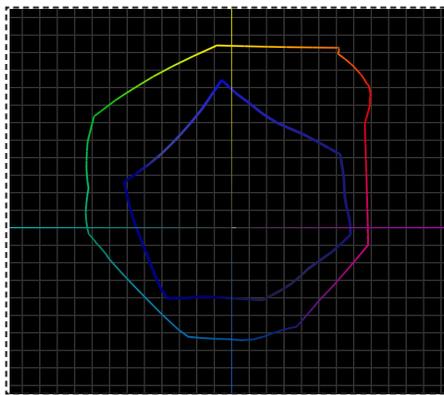


Media: Setting	Graphic Colour Representation	Colour Gamut (CIE) Volume
Avery Dennison MPI 3000: Most Productive	White	763,363
Avery Dennison MPI 1105: Most Productive	Cyan	783,874
Avery Dennison MPI 1105: Highest Quality	Red	794,009

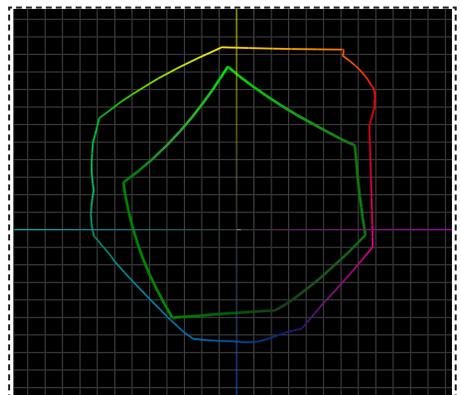
Compared against Adobe RGB(1998) colour space (multi-colour graph)



Chromic – HQ Cast Vinyl
Red – sRGB



Chromic – HQ Cast Vinyl
Blue – US SWOP



Chromic – Chromic HQ Cast Vinyl
Green – FOGRA39 Coated

To compare rival devices' colour gamut sizes visit bliq.wf

Colour Gamut Analysis

The media profiles provided by the vendor were assessed using Chromix ColorThink software to determine the cubic L*a*b* units colour gamut volume measurements.

▲ MULTI-PANEL WALLPAPER CHART: COLOUR AND LINE CONSISTENCY



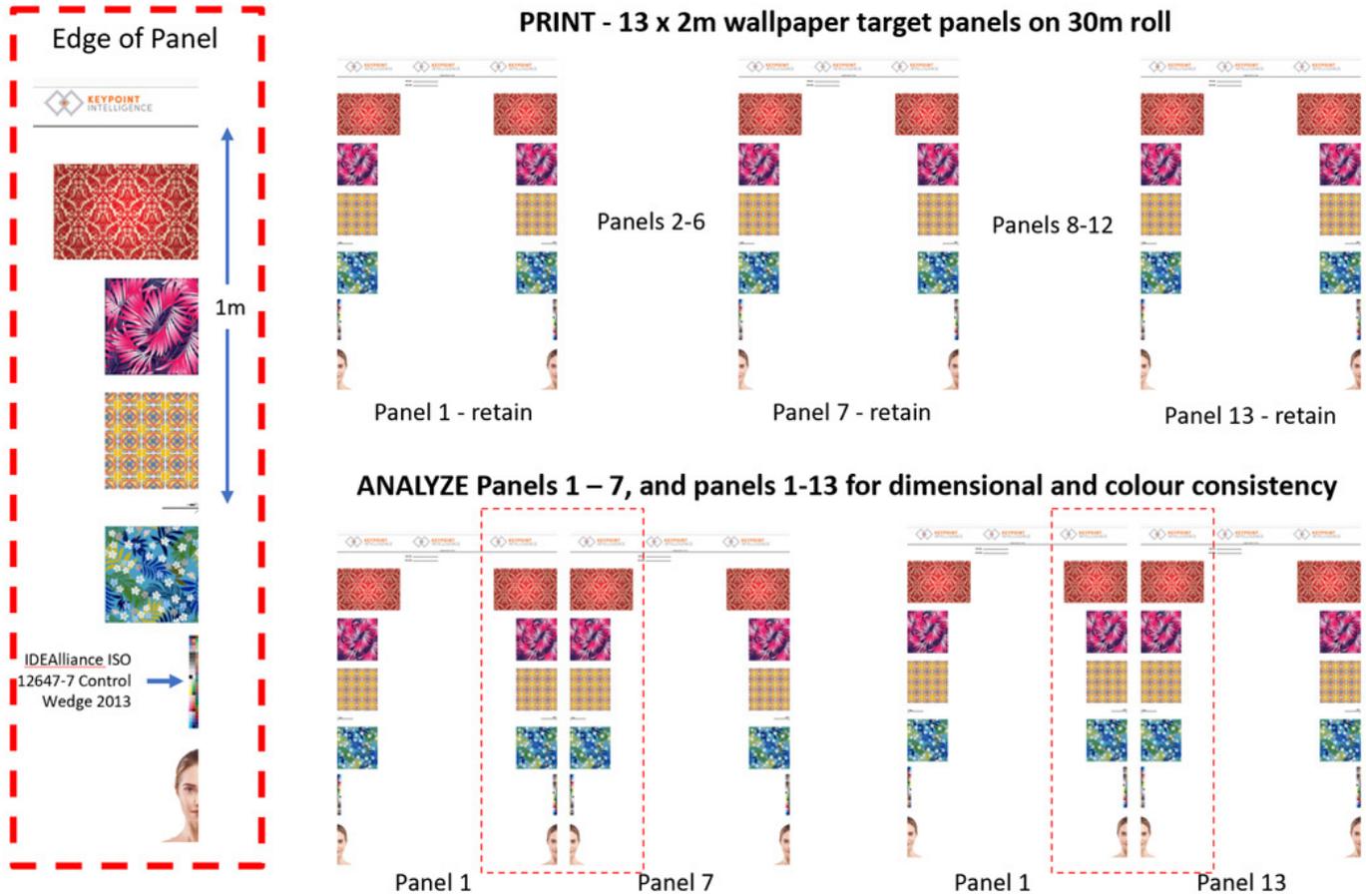
	Start to Middle	Start to End
Mean Delta E over FOGRA wedge in DeltaE00	0.90	0.86
Max Delta E over FOGRA wedge in Delta E00	2.46	2.05
Dimensional Accuracy (in mm)	0.93 mm	0.87 mm

To compare rival device performance visit bliQ WF



High resolution images showing dimensional and colour consistency of wallpaper panels from beginning of the roll – panel 1 (left side) to end of roll – panel 13 (right)

WALLPAPER TEST ANALYSIS



Wallpaper Test Analysis

To assess the consistency of output when producing wall-hanging or other multi-panel artwork, Keypoint Intelligence printed a 2m test target over a series of 13 sets on a 30m Drytac CCIP – Color Capture Paper Fleece Ivory media. Delta E variances across the 54 patch IDEAlliance ISO 12647-7 Control Wedge 2013 were recorded comparing the first panel off the roll versus the middle of the roll and the end of the roll using EFI Color Verifier software. Dimensional stability is recorded using a one metre target distance marker.

USABILITY



Media Handling	★★★★★
Device Management and Monitoring	★★★★★
Maintenance and Ink	★★★★★

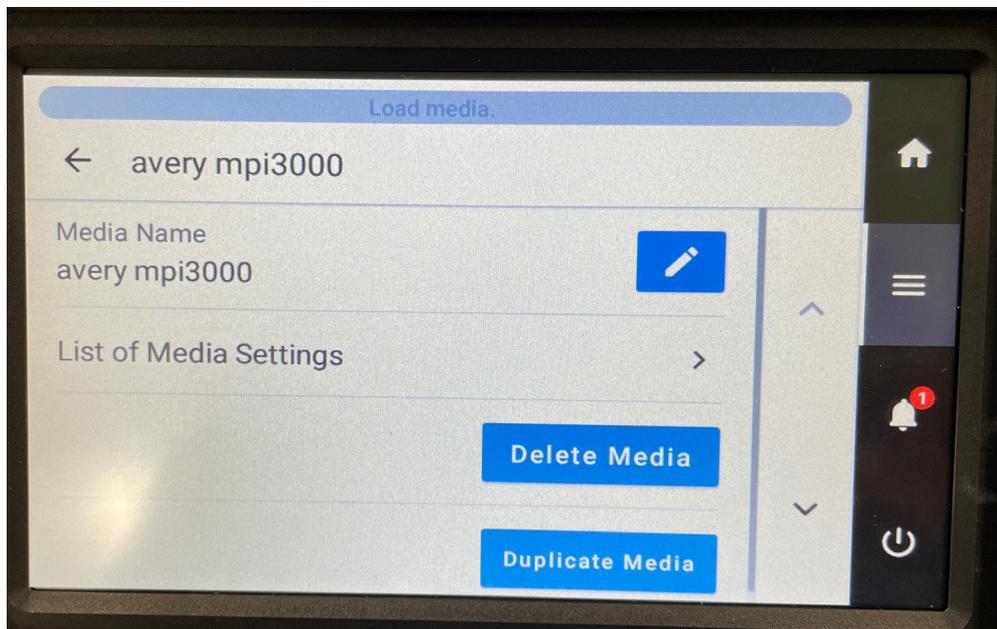
KEY FINDINGS

- Spindle-less media loading, vacuum hold and feed mechanism, and a new strengthened take up system all combine to minimize manual feeding distance, reduce skew risk, and ensure smooth take up.
- Stores up to 20 media profiles on the device. Inputting media details is easy via the large touchscreen. A media remaining function allows users to enter media length upon loading and print the remaining length before unloading the partially used roll.
- The seven-inch touchscreen offers clear device status and one-touch access to key device management functions.
- We tested using feature-rich VersaWorks 6 RIP drives up to four devices per PC and offers an intuitive interface for conducting all operations, minimizing training time for new users. New VersaWorks 7 RIP with Windows and Mac support will ship with all XP-640 products.
- Class-leading spot colour management with automated 'Nearest Color Finder', which enables operators to print patches containing minor colour balance variations. These are then read by a spectrophotometer using VersaWorks for the best possible colour match to be determined automatically.
- Roland DG Connect cloud application allows desktop and mobile users to monitor device and fleet status, conduct firmware updates, calculate job costs, and track overall system health.
- Disposable 500-ml ink bags are housed in recyclable cardboard casings helping to minimize waste. The maintenance cartridge located on the right-hand side of the machine uses a reusable plastic case that users can simply slide open and replace with a new bag of cleaning solution.
- Routine maintenance is minimal and tool-free, requiring only a weekly five-minute wipe around the printhead to remove excess buildup. Access to the printhead is easy via finger screws securing the panel and guide plate.
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▲ MEDIA HANDLING



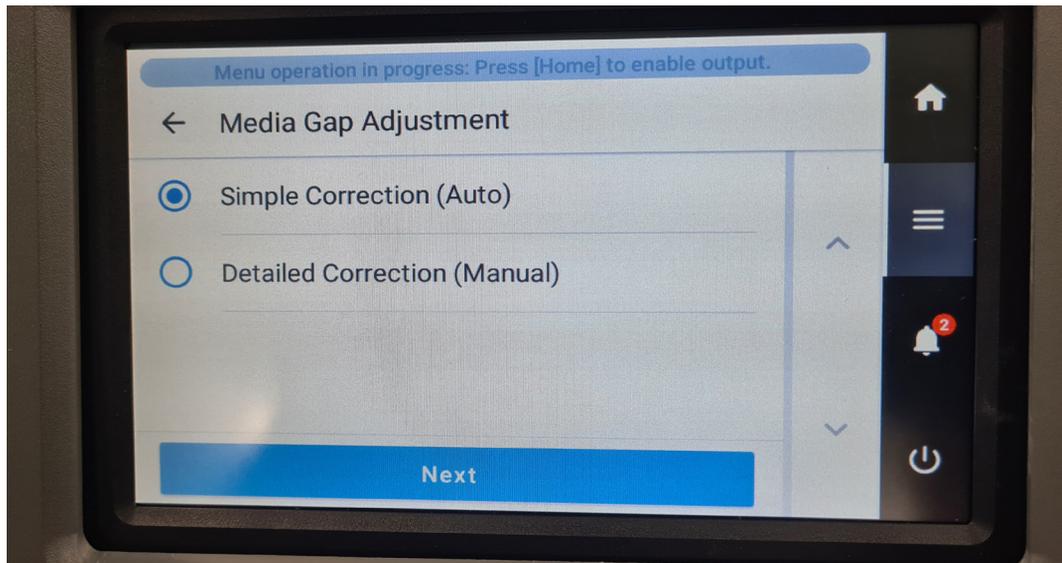
- Media is loaded onto flanges mounted on the feed bar with a sliding mechanism. Two concave plates support the roll while the flanges are secured. Once in place, flange locking bars are raised to prevent any lateral movement. Users then lift the pressure release lever at the front and the back of the device, which raises the pinch rollers to allow the media to be fed through to the front of the device. An audible double beep signals when enough media has been fed through, at which point the vacuum fan automatically activates to hold the media in place. The media can be rewound to take up the slack using the flanges from the feed roller. This process minimizes the risk of skewing when feeding by reducing the distance of manual media feed that is required.
- Pinch rollers are mounted on a bar and can be activated or de-activated with on an individual basis using their pressure lever. A built-in sensor moves across the media to verify its width.
- Media edge clamps slide in from each side to hold the media flat.
- Up to 20 media profiles can be stored on the system for reuse. Each profile includes various media adjustment characteristics, including feed calibration and head gap. When a new media is added, the user is guided through a list of setup options including media output type (print, print & cut, or cut only), printhead height (low/med/high), nozzle drop out test & cleaning, and media adjustment method (auto or manual).



Media profile being created using the large touchscreen

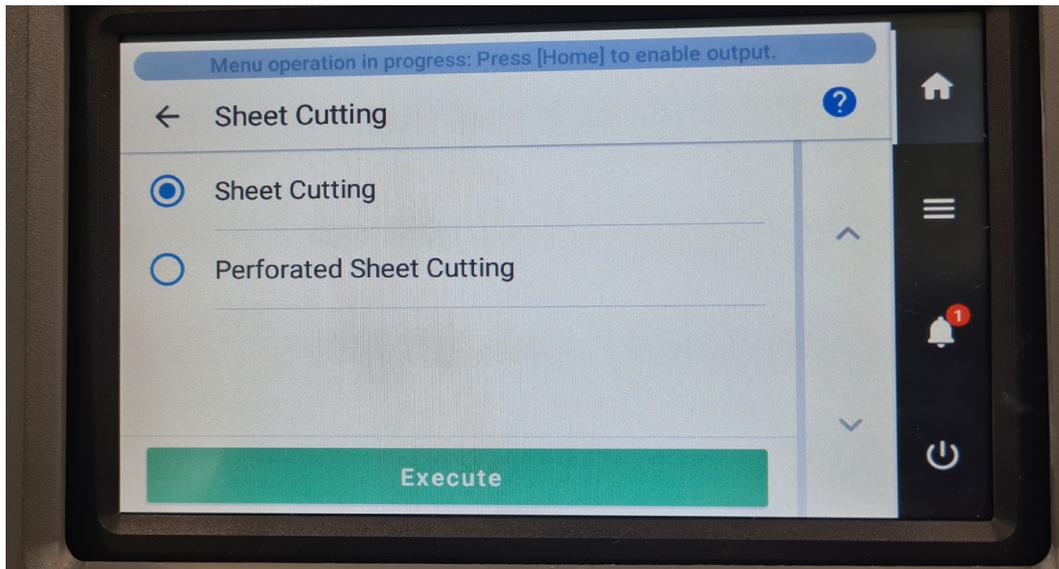
- The device has a media remaining feature which allows the operator to specify the media length on the roll during installation and removal.
- Feed calibration and head gap adjustments can be performed automatically using the onboard sensor to read specific patterns and register the results. A manual mode allows target patches to be printed and visually assessed to determine optimal settings; these are then entered on the control panel. Manual head

gap adjustment can be conducted in either simple or detailed mode. In simple mode, multiple droplet sizes are used to print single test pattern thread to determine the optimal head gap. In detailed mode, several different drop size targets are printed with the operator choosing the optimal setting for each droplet size.



User choosing the auto or manual media gap set up process

- Automatic setting tasks take roughly the same time as manual ones but with the major benefit that the automatic choice reduces the operator's skill requirements and enables the process to be conducted while the operator performs another task in parallel.
- The media holder sits higher up on the device compared to some competitors, helping reduce the amount of waste at the end of a roll.
- The device accommodates media rolls up to 45 kg, which is competitive in this market.
- The take up system is included as standard. Affixing media to the take-up reel is a straightforward process. Media can be attached during printing rather than having to be connected to the unit before printing can commence, which helps reduce waste. Core attachments on both sides are adjustable.
- The take-up unit has a manual toggle for forward or reverse feed. Feed control is also accessible via the touchscreen where users can set up the feed mode (tension or loose) and auto feed mode (forward or backward) to allow for image inside or outside take up.



User can choose between a full cut and a perforated cut mode

- A sheet cutter supports both full cuts (separating the sheet) and perforated cuts, where the sheet is not totally separated and remains intact. Perforated cuts allow for continuous printing onto the take up roll while still enabling easy sheet separation upon unrolling. The perforated selection can save media versus cutting each sheet individually.

🔍 DEVICE MANAGEMENT AND MONITORING

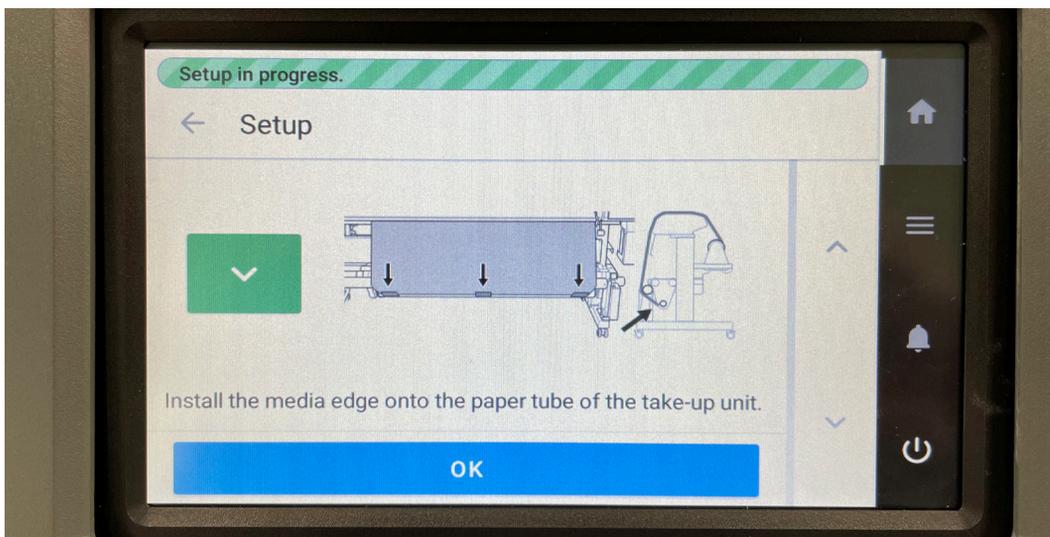


- The XP-640 features a seven-inch touchscreen control panel with an intuitive menu system. Many key features are accessible from the home screen, including media name, width and remaining length, ink levels, heater temperature, and take up unit set up. The home screen also includes icons to features such as nozzle drop out tests (including cleaning routines), contour blade adjustment, move media (forward, backward, printhead start position), and sheet cutting (perforated or full sheet).



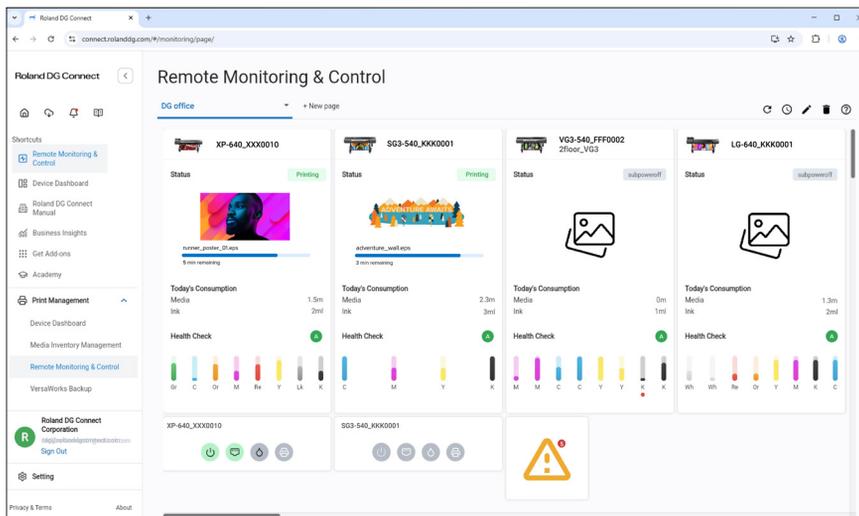
Large 7 inch touchscreen

- Additional operational aids can be accessed by selecting the Menu icon, providing deeper access to device settings and utilities.



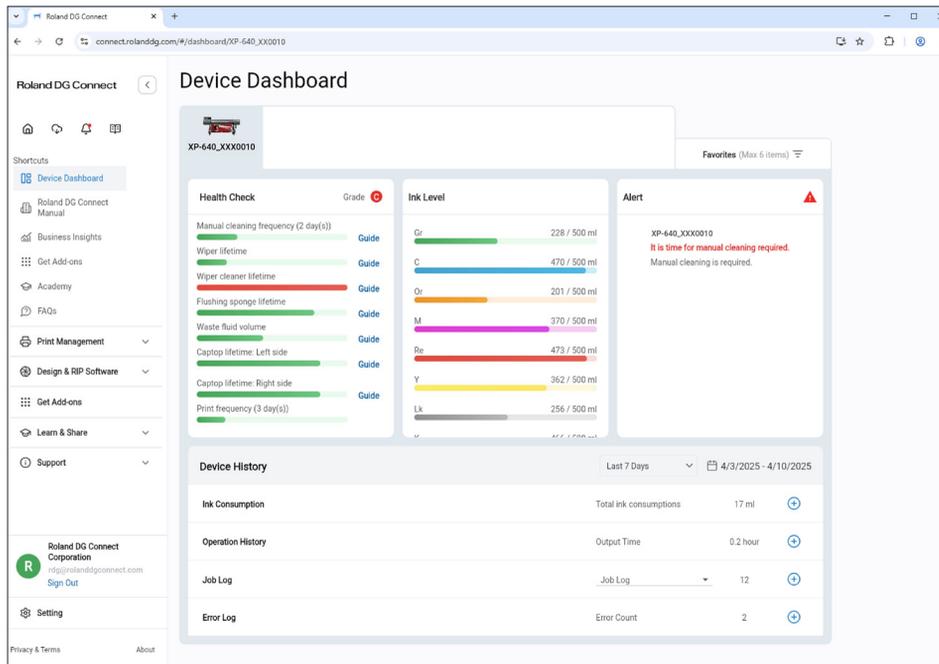
Clear instructions for media loading

- During printing, extensive job information is displayed such as job name, thumbnail image, media in use, ink, temperature, and take-up status, and the approximate time to print completion.
- Roland's free cloud-based Roland DG Connect utility enables monitoring of multiple registered networked devices and can be installed and accessed via PC or mobile devices.
- The Printer Monitoring function offers real-time information about each connected device, including printer status, operation rate, health checks, job thumbnails, job names, job progress bar, remaining inks, total ink consumption, and daily operating history with bar charts.



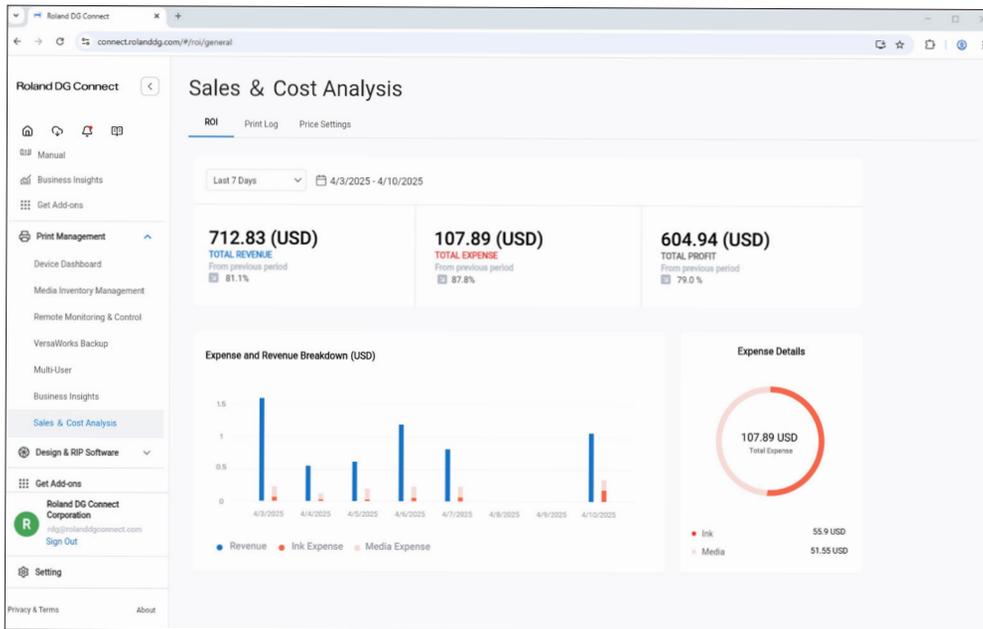
Roland's DG Connect Printer Monitoring

- Within the utility, operators can view a breakdown of device status over time, including printing, cutting, maintenance, error, standby, and sub power off operations—displayed in an easy-to-read pie chart format.
- The health check view provides a fleet level summary of current device conditions, graded A to C. An A rating indicates optimal status; B classification shows the device is approaching C-level status if not attended to. A C grading indicates a device is in an error state, past its manual maintenance scheduled time or with parts/supplies beyond life.



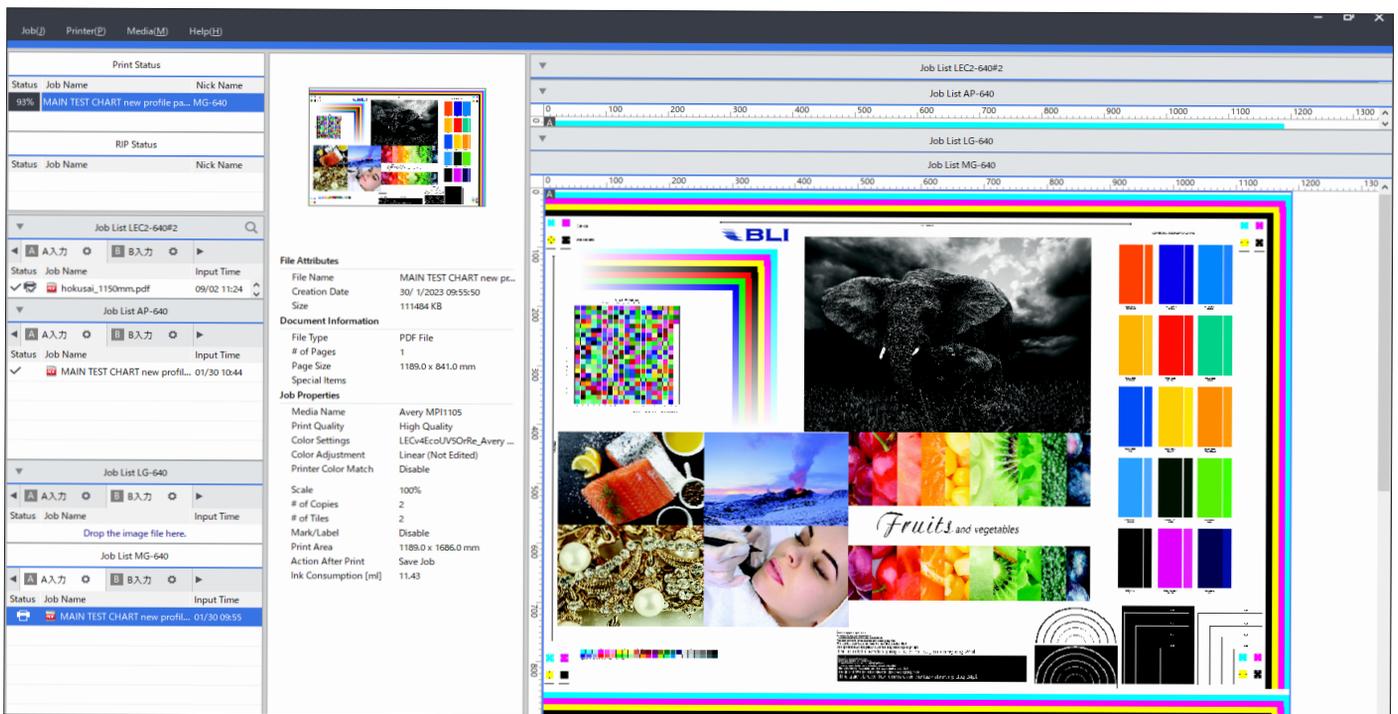
Roland DG Connect Health Check Screen

- Multiple email addresses can be registered in Account Settings to receive alerts pertaining to device health issues, meaning they can be addressed immediately.
- The email alert system can also inform recipients about job completion, ink replacement, and other device status changes. However, alert types cannot be customized per recipient.
- Within Roland DG Connect's Business Dashboard, job accounting can be configured. Users can store media roll and ink cartridge costs for individual job pricing to be generated. In addition, the utility provides a breakdown for total revenue, expense, and profit (job pricing covers supplies costs only) over any customized period.



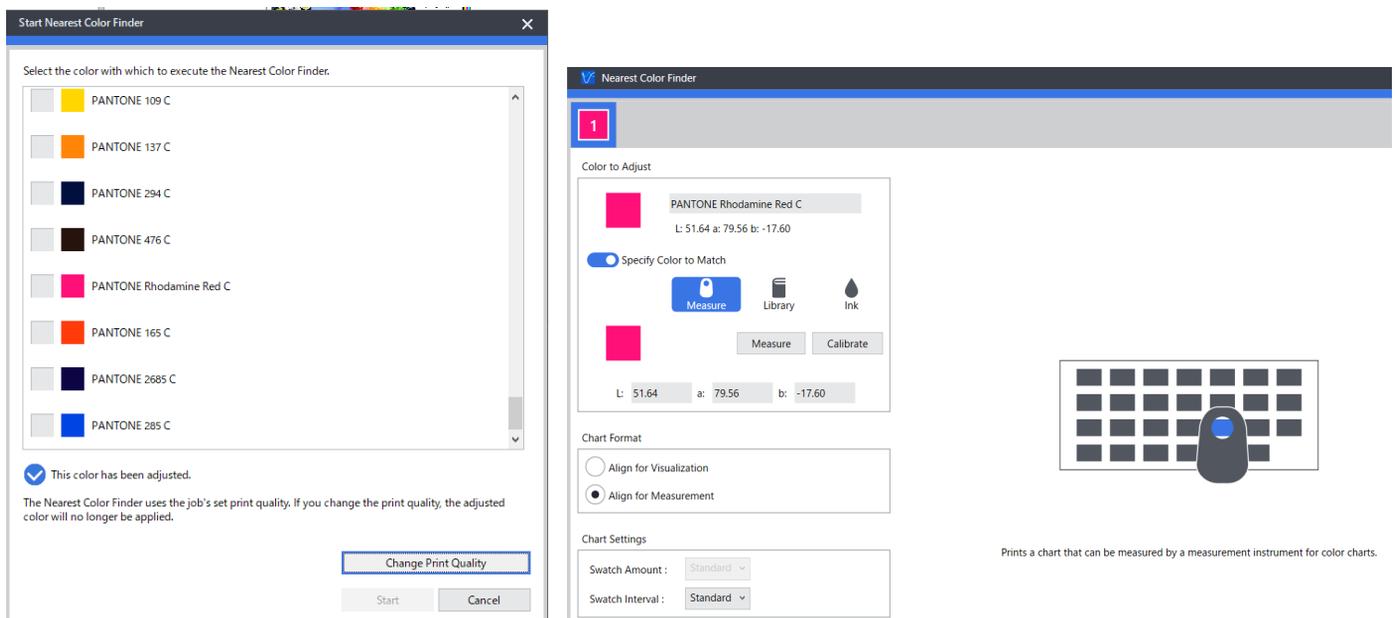
The Business Dashboard

- Roland DG Connect enables easy download of media profiles, filterable by RIP type and media manufacturer. Each file includes ink limit setting, tone curve calibration, and the ICC profile. The VersaWorks Media Explorer offers the same functionality.
- VersaWorks RIP offers intuitive operation for up to four network connected printers per PC. The RIP is well designed and divided into four quadrants. These include printer list, job list, granular file information, and large image thumbnails.



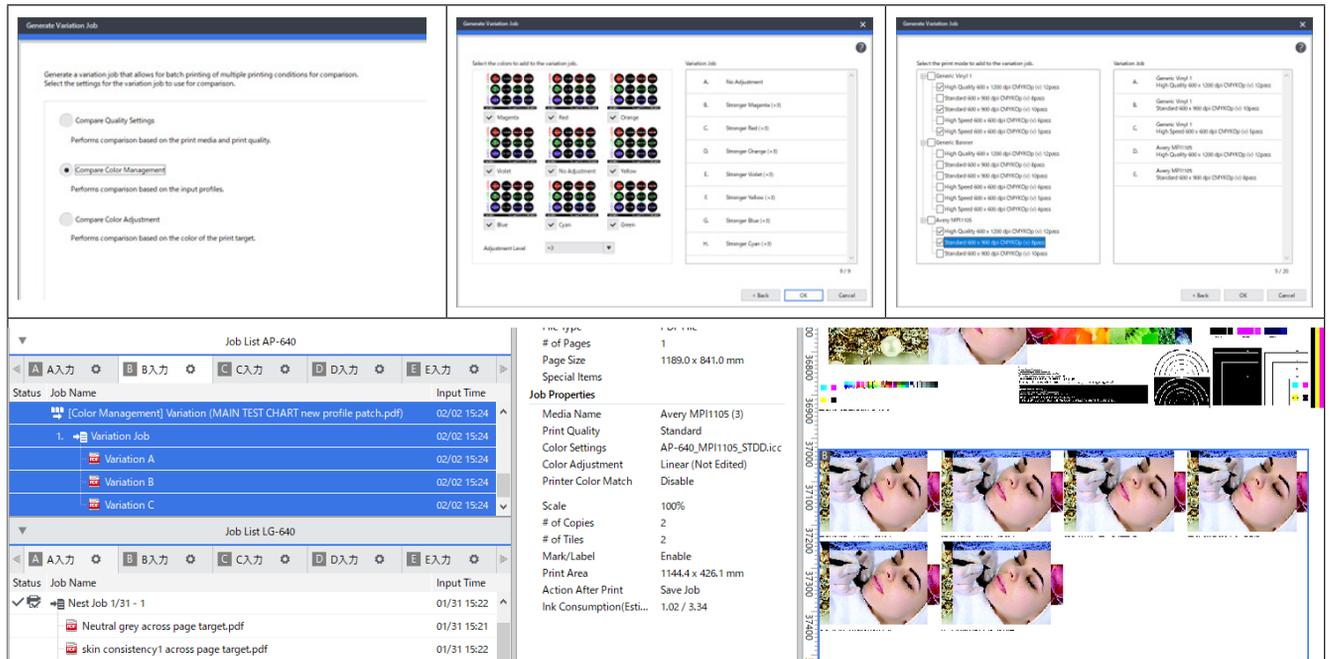
Roland VersaWorks 6 Main Screen

- Each device supports up to five active, customizable queues into which jobs can be dropped or imported. These act like a hot folder and allow for specific, frequently used workflows to be activated quickly without risk of deviation. The queue contains all job ticket information stored for immediate association, including media type, colour management settings, job size, formatting, nesting/tiling layout, print and cut marks, etc. Queues can be named for easy identification, stored, and swapped for a current queue when required.
- Jobs can be set to RIP and sent directly to the printer or be held in the queue pending release by the operator. This allows for individual job settings to be reviewed and adjusted, if required, before being RIPped and then released to print.
- VersaWorks includes a wide array of Roland DG, DIC, Toyo, and PANTONE colour libraries. New user-customizable colour libraries can be created with colour information entered either through direct Lab/CMYK/RGB data entry or via a spectrophotometer manual scan. In the event of a manual spectrophotometer scan, VersaWorks 6 will then determine the optimal colour settings to achieve the target colour.
- Often spot colour replacement is needed in order to achieve the best possible match. In this scenario, VersaWorks has a class-leading solution called Nearest Color Finder. Most RIPs offer a selection of patches with slight modifications to the colour makeup to be printed. Operators are then required to conduct a manual assessment to consider which patch is the best fit (whether visually comparing the colour patches to a PANTONE swatch book or via the use of a spectrophotometer). VersaWorks goes one step further: it allows the process to be conducted using a spectrophotometer—table or handheld—with the optimal colour balance analyzed, selected, and stored automatically, eliminating manual comparison and saving time.



Nearest Colour Finder

- VersaWorks 6 RIP offers another valuable time saving feature: Variation Job Function. This allows tiling of test prints using different profiles and/or different colour management settings, enabling quick side-by-side output evaluation for the best selection to be implemented.



MAINTENANCE AND INK

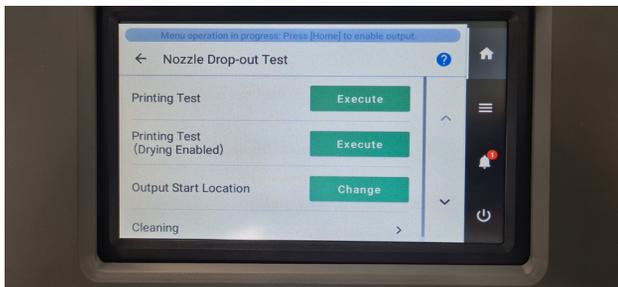


- The XP-640 uses Roland TH eco solvent ink supplied in 500 ml cartridges, which are installed on top of the device. Each cartridge uses a sustainable cardboard casing and contain a chip mounted on the end that tracks remaining ink, allowing cartridges to be swapped out easily for uninterrupted overnight printing.

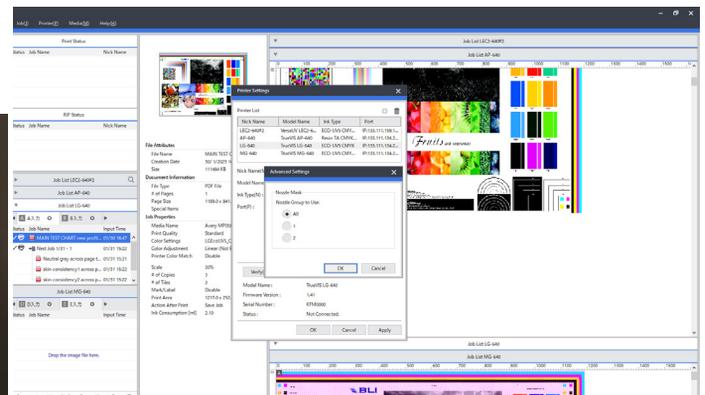


- Waste ink is collected in a waste bottle located at the bottom right of the device. Replacing the bottle is a simple lift-out process. A built-in waste sensor detects when the bottle is full, and via Roland DG Connect, an alert is sent to the operator advising them of the need to replace.

- The touchscreen prompts users to perform the recommended weekly manual printhead cleaning (timing depends on usage). Once the indicated menu is selected, the printhead automatically moves to the left side of the device where the side panel can be opened—without unscrewing—to access the printhead. Using a cotton bud and cleaning fluid, operators need to wipe around the printhead, with the whole cleaning process takes about five minutes.
- Roland DG Connect provides easy monitoring of the maintenance procedures carried out to help maintain A grade device health status.
- The XP-640 is equipped with a nozzle compensation function for cases where misfiring nozzles cannot be resolved by the user maintenance. If a nozzle blockage is detected—either via print defect issues or a printhead nozzle check—the operator can run a cleaning routine (normal, medium, or powerful). If the nozzle blockage persists, the affected nozzle zone (the printhead is split into two zones) can be ‘switched off’. This temporarily reduces productivity by 50% but allows the device to continue operating until a service engineer can visit.



Nozzle block test being activated



Nozzle mask control controls in event of unrecoverable nozzle block

SPEED



KEY FINDINGS

- The XP-640 delivered competitive speeds on the monomeric vinyl at 6-pass speed mode, producing two A0-sized targets in eight minutes, 55.26 seconds.
- The device was judged on the expensive cast vinyl media at the higher 8-pass rate speed mode, completing Keypoint's test in eleven minutes and 47 seconds which is slower than some other devices we have tested in its class.
- On Avery Dennison MPI 1105 cast vinyl, the device printed two targets in 21 minutes in the High Quality setting.
- The fast 4-pass mode showed a slight loss of detailing in some areas of definition and was not used in Keypoint's most productive scoring metric. However, for many users printing work to be viewed at longer distances or handling less premium, quality-sensitive jobs, the output remains perfectly acceptable.

To compare rival device performance visit [bliQ WF](#)

All Speed/Quality Settings Tested

	Avery Dennison MPI 3000	Avery Dennison MPI 1105
4 pass (600 x 1200)	445.70	
6 pass (900 x 1200)	535.26	
8 pass (900 x 1200)	707.86	707.95
12 pass (1200 x 1800)	1,284.11	1,271.73

Time measured (in seconds) for two A0-size targets to be printed in seconds

Speed Tests Analysis

Devices were timed for two of Keypoint Intelligence's A0-size image quality targets printed in succession with data width turned on so that printing began at the far left of the page. The stopwatch began when the printhead started the print process and ended when the second print completed printing and was ready to cut. The speeds listed below were measured at the most productive setting that produced image quality that Keypoint Intelligence determined as acceptable (no visible banding) on Avery Dennison MPI 3000 media when viewed at 10 feet and on Avery Dennison MPI 1105 media when viewed at two feet. The third speed measured was for the highest quality setting available to print two targets on Avery Dennison MPI 1105.

Supporting Test Data

The unit was evaluated equipped with the Eco-Solvent Ink (TH) ink set and VersaWorks 6 RIP at the manufacturer's UK facility during an intensive two-day test period. 54-inch rolls of Avery Dennison MPI 1105 – polymeric cast vinyl, Drytac CCIP – Color Capture Paper Fleece Ivory media for wallpaper testing and MPI 3000 – monomeric calendared vinyl media were tested on the device. All test files were submitted using the RIP provided by the manufacturer. Keypoint Intelligence utilized media profiles that were prepared by Roland for the evaluation. Ratings are based on a five-star system where five is the best.

About Keypoint Intelligence

For 60 years, clients in the digital imaging industry have relied on Keypoint Intelligence for independent hands-on testing, lab data, and extensive market research to drive their product and sales success. Keypoint Intelligence has been recognized as the industry's most trusted resource for unbiased information, analysis, and awards due to decades of analyst experience. Customers have harnessed this mission-critical knowledge for strategic decision-making, daily sales enablement, and operational excellence to improve business goals and increase bottom lines. With a central focus on clients, Keypoint Intelligence continues to evolve as the industry changes by expanding offerings and updating methods, while intimately understanding and serving manufacturers', channels', and their customers' transformation in the digital printing and imaging sector.