

## AP-640

# TrueVIS Quality, Now in Latex



LATEX

VARIABLE DOT  
PRINTING

INSTANT DRYING INK

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#### All the benefits of Latex, with TrueVIS quality

- ▶ Piezo printheads are arranged in a dual, staggered formation with an optimiser printhead and dedicated CMYK printhead for a finer dot, resulting in more precise colour and image results.
- ▶ Redefining latex printing with high-colour saturation on a wide range coated and uncoated media included non-PVC, vinyl, paper, film and more.
- ▶ GREENGUARD Gold Certified TrueVIS Latex meets the most rigorous standards for low VOC emissions into indoor air.

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#### Enhanced features with you in mind

- ▶ 7-inch, full-color touch panel offers easy print options with intuitive settings and functions.
- ▶ Water-based TrueVIS Latex provides quick-drying, scratch-resistant, safe results on a wide range of media.
- ▶ New 700 ml high-capacity ink pouches.
- ▶ High-productivity Dryer Unit allows prints to dry quickly and completely before proceeding to the next process.



#### Superior colour and image output

- ▶ Equipped with printheads that offer variable dot printing for more precise colour and image results.
- ▶ TrueVIS Latex offers heavier colour saturation on PVC-free media than conventional latex.
- ▶ Newly developed water-based latex ink and innovative True Rich Color 3 preset work together to provide vibrant colour and natural-looking print quality.

## Additional Features

- + VersaWorks 6 RIP Software is included with the new AP-640 to effortlessly manage your print output.
- + Media gap and feed compensation can now be adjusted automatically with a single button. The AP uses optical registration technology to ensure print accuracy and avoid variations in output.
- + Roland DG Connect App included—gain a detailed understanding of your entire print operation while keeping your device running at optimum performance.
- + Included adjustable take-up unit maximizes stability when printing, while also allowing for clean, efficient media collection from roll to roll.

## Technical Specs

|                       |                     | AP-640                                                                                                                                                                                                                            |
|-----------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Printing method       |                     | Piezo inkjet method                                                                                                                                                                                                               |
| Dimensions            |                     | 2,886 mm × 836 mm × 1,550 mm (113.7 in. × 33 in. × 61.1 in.)                                                                                                                                                                      |
| Weight                |                     | 266 kg (587 lb.)                                                                                                                                                                                                                  |
| Media                 | Width               | 259 to 1,625 mm (10.2 to 64 in.)                                                                                                                                                                                                  |
|                       | Thickness           | Max. 1.0 mm (0.039 in.) with liner                                                                                                                                                                                                |
|                       | Roll outer diameter | Max. 250 mm (9.8 in.)                                                                                                                                                                                                             |
|                       | Roll weight         | Max. 45 kg (99 lb.)                                                                                                                                                                                                               |
|                       | Core diameter       | 76.2 mm (3 in.) or 50.8 mm (2 in.)                                                                                                                                                                                                |
| Ink                   | Type                | Resin ink 700 ml pouch                                                                                                                                                                                                            |
|                       | Colours             | Four colours (Cyan, Magenta, Yellow, and Black) and optimizer                                                                                                                                                                     |
| Printing width        |                     | Max. 1,615 mm (63.5 in.)                                                                                                                                                                                                          |
| Resolution            |                     | Max. 1,200 dpi                                                                                                                                                                                                                    |
| Ink drying system     |                     | Print heater set temperature: 25 to 45°C (77 to 113°F)<br>Dryer set temperature: 70 to 110°C (158 to 230°F)                                                                                                                       |
| Connectivity          |                     | Ethernet (100BASE-TX/1000BASE-T, automatic switching)                                                                                                                                                                             |
| Power-saving function |                     | Automatic sleep feature                                                                                                                                                                                                           |
| Rated power           |                     | Printer: 200-240 Va.c. 50/60 Hz 3 A<br>Dryer 1: 200-240 Va.c. 50/60 Hz 10 A<br>Dryer 2: 200-240 Va.c. 50/60 Hz 10 A                                                                                                               |
| Power consumption     | During operation    | Approx. 4,000 W                                                                                                                                                                                                                   |
|                       | Sleep mode          | Approx. 65 W                                                                                                                                                                                                                      |
| Acoustic noise level  | During operation    | 69 dB (A) or less                                                                                                                                                                                                                 |
|                       | During standby      | 53 dB (A) or less                                                                                                                                                                                                                 |
| Included items        |                     | Dedicated stand, power cords, dryers, media take-up unit, media holders, separating knife, replacement blade, cleaning liquid bottle for maintenance, drain bottle, User's Manual, software (VersaWorks, Roland DG Connect), etc. |