Imagine.

Roland®

Pure Genius
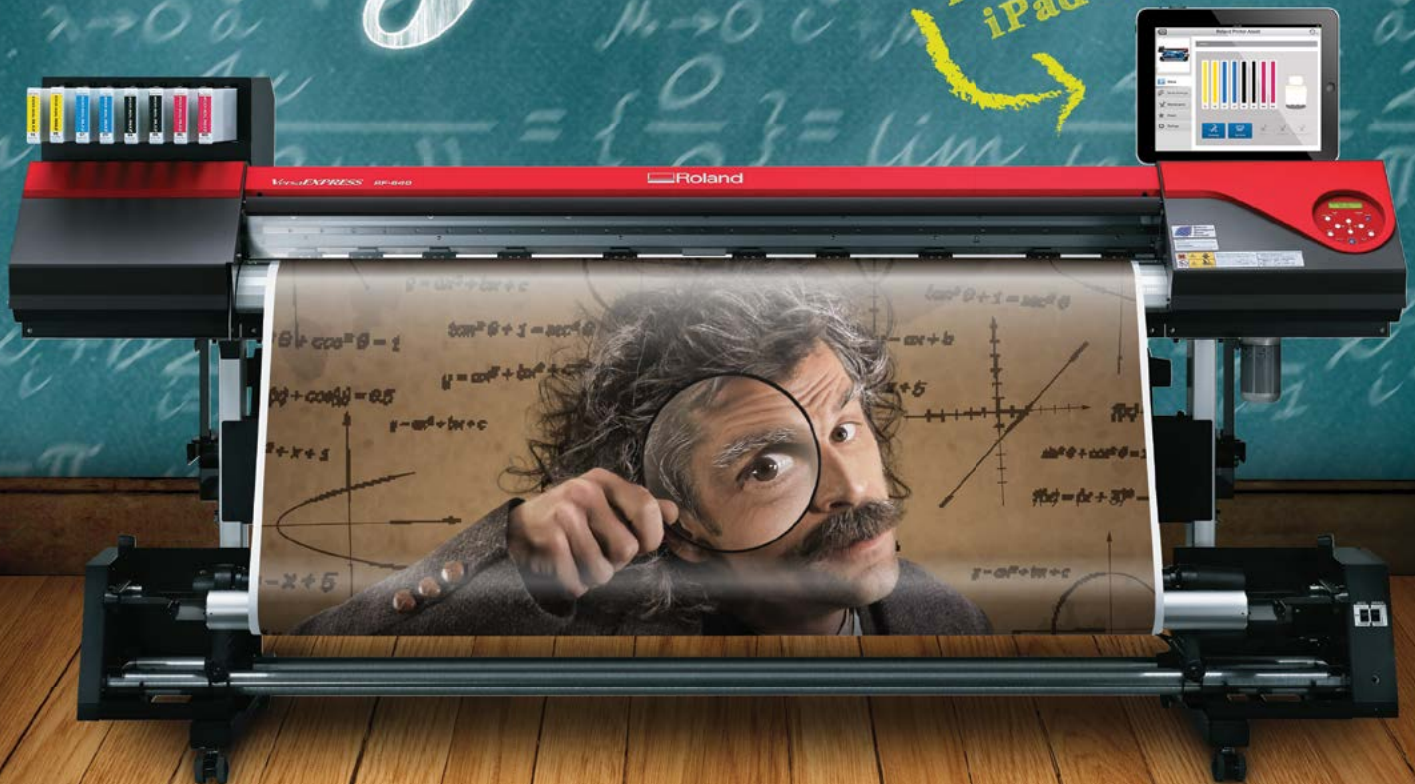
VersaEXPRESS RF-640

The VersaEXPRESS™ RF-640
Productivity and reliability at a great price.

The Roland VersaEXPRESS™ RF-640 offers the perfect formula for digital printing success: high production speed, outstanding print quality, ease of use and unsurpassed reliability. The genius behind the RF-640 is reflected in its ability to quickly produce high quality graphics and prints, whilst keeping cost of operation low. That translates into increased output, satisfied customers and more money in your pocket.

Advanced Productivity Features

Equipped with advanced productivity features, the RF-640 is ideal for any high production environment. It boasts advanced print control technology for quality image reproduction, colour consistency and durability. While the robust media support brackets and take-up system handles narrow or wide rolls with ease. The innovative Roland Ink Switching System adds greater production capability by allowing you to seamlessly replace an empty 440ml cartridge when ink runs out, without having to stop and restart the printer. Workflow and output are further enhanced by Roland's user-friendly VersaWorks RIP® software, which includes media profiles, nesting, cropping, predictive ink and media usage, and other powerful production tools. VersaWorks also features built-in Roland Color System and PANTONE® libraries for easy and accurate spot colour matching.

State of the Art Print Technology

Specially designed to take full advantage of Roland's high-density, GREENGUARD Gold Certified UL 2818 ECO-SOL MAX®2 inks, the RF-640 prints beautiful, saturated colour with virtually no banding – even at higher speeds. A mirrored CMYKKYMC gold-plated print head firing from seven different droplet sizes ensures stunning graphic results on a wide range of media at speeds up to $48.5m^2$ per hour. Roland Intelligent Pass Control further enhances image quality by minimising any trace of banding and ensuring precise media feeding between passes.

Roland Printer Assist iPad app
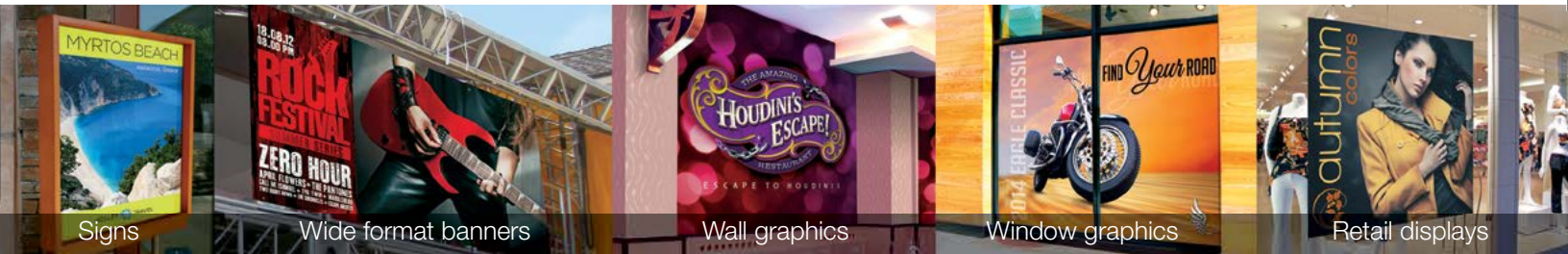Remotely manage production, test printing, cleaning and more

Intelligent imaging
Delivers smooth gradations, high-fidelity images and flawless solid colours

To learn more about the pure genius of the RF-640, view the video at www.rolanddg.co.uk/RF-640

Engineered to print beautifully, the RF-640 offers a rare combination of value and performance, making it a smart purchase. Talk about genius!

The Genius of Simplicity

You don't have to be a genius to use an RF-640. In fact, this printer's innovative features and technological advancements make it incredibly easy to operate. With the Roland Printer Assist iPad app, you can even remotely manage production, test printing, and even cleaning functions from an iPad tablet. Additional features for increased ease of use and convenience include an easy-access front-loading ink cartridge system, media loading levers at both the front and back of the printer, and media brackets that support media rolls up to 40kgs as they're loaded into place.

Value for Money

The RF-640's design allows for low running costs and easy maintenance. Precise inkjet technology and new optimised profiles for ECO-SOL MAX®2 ink work together for efficient ink consumption. An automated cleaning function also minimises ink usage and prolongs print head life. As a result, the RF-640 is highly efficient in both production and standby modes. As proof of its unmatched reliability, the RF-640 is backed by Roland's unrivalled RolandCare Silver warranty.

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VersaEXPRESS™ RF-640

- Wide format printer with 64" (1,625 mm) width, built to provide unsurpassed printing performance, even when unattended, in demanding production environments
- 8-channel print head with mirrored CMYKKYMC configuration virtually eliminates chromatic banding
- Photorealistic printing up to 1440 dpi
- Roland Intelligent Pass Control™ technology
- High density ECO-SOL MAX®2 ink produces rich, vibrant colours on coated or uncoated media
  - > Wide gamut for dynamic colour reproduction
  - > Increased density for rich, saturated colours
  - > Fast drying, virtually odourless, and scratch resistant
  - > Up to three years outdoor durability without lamination*
- Includes TUC-3 take-up system
  - > Supports extended production runs
  - > Adjustable right flange for easy centering of smaller rolls
  - > Supports roll media up to 50 kg.
- Integrated two-stage heating system supports high-speed, volume production

- Automatic cleaning cycles simplify maintenance
- Roland VersaWorks® RIP software included
  - > Automates workflow for easy operation and better productivity
  - > Advanced colour management tools, including built-in PANTONE® and Roland Color System libraries
  - > Predictive ink calculator
- Roland OnSupport sends production updates via text message or email to your computer, tablet or smart phone
- Roland Printer Assist iPad app allows remote management of common printer functions

For detailed features and specifications, visit www.rolanddg.co.uk/RF-640

Product specifications

Printing method		Piezoelectric Inkjet
Acceptable media	Width	Roll media: 259 to 1,625 mm (10.2 to 64 in.)
	Thickness	Roll media: Maximum 1.0 mm (39mil) with liner
	Weight	Roll media: Maximum 40 kg (88 lb.)
	Roll outer diameter	Maximum 210 mm (8.3 in.)
	Core diameter	76.2 mm (3 in) / 50.8 mm (2 in.)
Media take-up system		Maximum 210 mm (8.3 in.) outer diameter / Maximum 50 kg (110 lb.) weight
Printing width		Maximum 1,615 mm (63.6 in.)
Maximum Printing Speed		48.5 sqm/hr (522.05 sqft/hr) at 360x360 dpi, 1 pass
Ink cartridges	Type	Roland ECO-SOL MAX2
	Capacity	440-cc
	Colour	4 colours (Cyan, Magenta, Yellow, Black, Black, Yellow, Magenta, Cyan)
Printing resolutions		Maximum 1,440 dpi
Distance accuracy		Error of less than ± 0.3 % of distance traveled, or ± 0.3 mm (0.012 in), whichever is greater.
Media Heating System		Setting range for the preset temperature: Print Heater: 30 to 45℃ (86 to 112°F) / Dryer: 30 to 50℃ (86 to 122°F)
Interface		Ethernet (10 BASE-T / 100 BASE-TX, automatic switching)
Power-saving function		Automatic sleep feature
Power supply	Voltage and frequency	AC 100 to 120 V ± 10%, 50/60 Hz	AC 220 to 240 V ± 10%, 50/60 Hz
	Required power capacity	8.1 A	4.1
Power consumption	During operation	1,070 W
	Sleep mode	14.5 W
Acoustic noise level	During operation	62 db (A) or less
	Sleep mode	49 db (A) or less
Dimensions (with stand)		2,575 (W) x 795 (D) x 1,270 mm (H)	101.4 (W) x 31.1 (D) x 50 (H) in.
Weight (with stand)		140 kg (309 lb.)
Environment	Power on	Temperature: 15° to 32℃ (59° to 90°F) (20℃ [68°F] or more recommended) / Humidity: 35 to 80%RH (no condensation)
	Power off	Temperature: 5° to 40℃ (41° to 104°F) / Humidity: 20 to 80%RH (no condensation)
Included items		Stand, media take-up system, power cord, media clamps, media holder, replacement blades for seperation knife, Roland VersaWorks RIP Software, cleaning kit, manual, etc.

Specifications subject to change. *Outdoor durability is based on accelerated weather tests. Results may vary depending upon location and application. Lamination may be required for some applications or environmental conditions. Scrarch resistency is media dependant. Apple and iPad are registered trademarks of Apple Inc.

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