VERSAEXPRESS™ RF-640 LARGE FORMAT PRINTER

Pure genius.

Imagine. Roland

Billboards | Menu boards | Vehicle graphics | Banners | Backlits

The VersaEXPRESS RF-640
Productivity and reliability at a smart 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 that you make the most beautiful prints at high speeds while keeping operating costs low. That translates into increased output, satisfied customers and more money in your pocket.

Advanced productivity features

Equipped with high productivity features, the RF-640 delivers breathtaking prints and superb colour consistency time after time. A newly developed take-up system supports high-volume printing at high speeds. Even smaller rolls are easy to handle because the rolls are secured to the take-up system on the left-hand and right-hand sides. Roland's exclusive Ink Switching System allows you to leave the machine unattended without having to worry about ink reserves. When the first cartridge is empty, the printer automatically switches to backup cartridge. With this system, production is never interrupted.

The VersaWorks RIP software further enhances productivity with its advanced functions, including nesting (efficient combining of printing tasks) and ink- and media-use predictions. VersaWorks also features the Roland Color System and the PANTONE libraries that you can use to easily and accurately select the correct spot colours.

State of the art print technology

The RF-640 uses Roland's ECO-SOL MAX 3 ink in four colours. This GREENGUARD Gold-certified ink prints beautiful, vivid colours. A mirrored CMYKKYMC print head fires seven different droplet sizes ensuring stunning graphic results on a wide range of media. Even at high speeds, you can count on gorgeous print quality.

Roland Printer Assist iPad app
Remotely manage your production process using this app.

Guaranteed print quality
Delivers high-fidelity images with smooth colour gradations and flawless solid colours

To learn more, check out the video at www.rolanddgn.com

Signs | Large-format banners | Wall wraps | Window signs | Displays

The RF-640 is an unbeatable investment—a smart combination of productivity and reliability.

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.

Smart savings

The RF-640's design allows for low operational costs and easy maintenance. Precise inkjet technology and new optimized profiles for ECO-SOL MAX 3 ink work together for efficient ink consumption. An automated cleaning function also minimizes ink usage, while helping to prolong print head life. As a result, the RF-640 is highly efficient in both production and standby modes.

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VERSAEXPRESS™ RF-640 INKJET PRINTER

- High-productivity, large format printer for media up to 1625 mm wide
- Print head with mirrored CMYKKYMC configuration virtually eliminates chromatic banding at high speeds
- Photorealistic printing up to 1440 dpi
- Roland Intelligent Pass Control™ technology
- ECO-SOL MAX® 3 ink produces rich, vibrant colours on coated or uncoated media
  - > Wide range of colours
  - > Excellent density
  - > Fast drying, virtually odourless, and scratch-resistant
  - > Up to three years outdoor durability without lamination*
- Includes automated TU-3 media take-up system
  - > Supports extended production runs
  - > Easy centering of smaller rolls
  - > Supports roll media up to 50 kg
- Integrated two-stage drying supports high-speed production
- Automatic cleaning cycles simplify maintenance
- Roland VersaWorks® RIP software included
  - > Automates workflow
  - > Advanced colour management tools, including built-in PANTONE® and Roland Color System libraries
  - > Predicts ink consumption
- Roland OnSupport sends production updates to a computer, tablet or smart phone
- Roland Printer Assist iPad app allows remote management of common printer functions

* The life span for outdoor use is based on accelerated weather testing. Results may vary depending upon location and application. Lamination may be required for some applications or environmental conditions.

SPECIFICATIONS

Model		RF-640
Printing technology		Piezoelectric inkjet
Media	Width	259 to 1,625 mm
	Thickness	Maximum 1.0 mm with liner
	Roll outer diameter	Maximum 210 mm
	Roll weight	Max. 40 kg
	Core diameter *1	76.2 mm or 50.8 mm
Printing width *2		Max. 1,615 mm
Ink cartridges	Types	Roland ECO-SOL MAX 3, 500-cc cartridges
	Colours	Four colours (cyan, magenta, yellow, and black)
Printing resolution (dots per inch)		Maximum 1,440 dpi
Distance accuracy *3		Error of less than ±0.3 % of distance travelled, or ±0.3 mm, whichever is greater
Media heating system *4		Print heater, setting range for the preset temperature: 30 to 45C° Dryer, setting range for the preset temperature: 30 to 50C°
Connectivity		Ethernet (10BASE-T/100BASE-TX, automatic switching)
Power-saving function		Automatic sleep feature
Power requirements		AC 100 to 120 V ±10 %, 8.1 A, 50/60 Hz or AC 220 to 240 V ±10 %, 4.1 A, 50/60 Hz
Power consumption		During operation: Approx. 1,070 W / Sleep mode: Approx. 31 W
Acoustic noise level		During operation: 62 dB (A) or less / During standby: 49 dB (A) or less
Dimensions / Weight (with stand)		2,575 (W) x 795 (D) x 1,270 (H) mm / 140 kg
Environmental	Power on	Temperature: 15 to 32°C (20°C or more recommended), humidity: 35 to 80%RH (non-condensing)
	Power off	Temperature: 5 to 40°C, humidity: 20 to 80%RH (non- condensing)
Included items		Exclusive stands, power cord, media clamps, media holder, replacement blade for separating knife, software RIP, User's Manual, etc.

*1 The media holder of this machine is exclusive use for the media of paper tube (core) inner diameter 3 inches. To use 2 inches media, the optional media flanges are required.
*2 The length of printing is subject to the limitations of the program.
*3 Media type: Media specified by Roland DG Corp. Temperature: 25°C, humidity: 50%. Roll media must be loaded correctly. Excluding expansion/contraction of the media. Not assured when the pre-heater, print heater or dryer is used. All correction or adjustment function of this machine has been made properly. Print travel: 1m.
*4 Warm-up is required after power up. This may require 5 to 20 minutes, depending on the operating environment. Depending on the ambient temperature and media width, the preset temperature may fail to be reached.

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