



RS  
**VersaArt**  
RS-640/RS-540 64" and 54" Inkjet Printer

Specifications

		RS-640	RS-540
<b>Printing technology</b>		Piezoelectric inkjet	
<b>Media</b>	<b>Width</b>	259 to 1,625 mm (10.2 to 64 in.)	259 to 1,371 mm (10.2 to 54 in.)
	<b>Thickness</b>	Maximum 1.0 mm (39 mil) with liner	
	<b>Roll outer diameter</b>	Maximum 210 mm (8.3 in.)	
	<b>Roll weight</b>	Maximum 40 kg (88 lb.) [30kg (66 lb.) when take-up system used.]	Maximum 30 kg (66 lb.)
	<b>Core diameter</b>	50.8 mm (2 in.) or 76.2 mm (3 in.)	
<b>Printing width</b> *1		Maximum 1,615 mm (63.6 in.)	Maximum 1,361 mm (53.6 in.)
<b>Ink cartridges</b>	<b>Types</b>	Roland ECO-SOL MAX Ink or FPG2 Aqueous Ink	
	<b>Capacity</b>	220 cc or 440 cc	
	<b>Color</b>	Four colors (cyan, magenta, yellow, and black)	
<b>Printing resolution (dots per inch)</b>		Maximum 1,440 dpi	
<b>Distance accuracy</b> *2 *3		Error of less than ±0.3% of distance traveled, or ±0.3 mm, whichever is greater	
<b>Media heating system</b> *4		Print heater, setting range for the preset temperature: 30 to 45°C (86 to 112°F) Dryer, setting range for the preset temperature: 30 to 50°C (86 to 122°F)	
<b>Connectivity</b>		Ethernet (10BASE-T/100BASE-TX, automatic switching)	
<b>Power-saving function</b>		Automatic sleep feature	
<b>Power requirements</b>		AC 100 to 120 V ±10%, 7.8 A, 50/60 Hz or AC 220 to 240 V ±10%, 4.0 A, 50/60 Hz	AC 100 to 120 V ±10%, 7.6 A, 50/60 Hz or AC 220 to 240 V ±10%, 3.9 A, 50/60 Hz
<b>Power consumption</b>	<b>During operation</b>	Approx. 1030 W	
	<b>Sleep mode</b>	Approx. 14 W	
<b>Acoustic noise level</b>	<b>During operation</b>	63 dB or less	
	<b>During standby</b>	44 dB or less	
<b>Dimensions</b>	<b>With stand</b>	2,570 (W) x 740 (D) x 1,103 (H) mm (101.2 (W) x 29.1 (D) x 43.4 (H) in.)	2,310 (W) x 740 (D) x 1,103 (H) mm (90.9 (W) x 29.1 (D) x 43.4 (H) in.)
	<b>With ink-cartridge tray and stand</b>	2,570 (W) x 1,000 (D) x 1,103 (H) mm (101.2 (W) x 39.4 (D) x 43.4 (H) in.)	2,310 (W) x 1,000 (D) x 1,103 (H) mm (90.9 (W) x 39.4 (D) x 43.4 (H) in.)
<b>Weight (with stand)</b>		133 kg (293 lb.)	122 kg (269 lb.)
<b>Environmental</b>	<b>Power on</b>	Temperature: 15 to 32°C (59 to 90°F) (20°C [68°F] or more recommended), humidity: 35 to 80%RH (non-condensing)	
	<b>Power off</b>	Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80%RH (non-condensing)	
<b>Accessories</b>		Stand, power cord, media clamps, media flanges, replacement blade for separating knife, cleaning kit, software RIP, User's Manual, etc.	

\*1 The length of printing is subject to the limitations of the program.

\*2 Using Roland specified media, print travel of 1m, temperature: 25°C (77°F), humidity: 50%RH

\*3 Not assured when the print heater or dryer is used.

\*4 Warm-up is required after powerup. This may require 5 to 20 minutes, depending on the operating environment. The preset temperature may fail to be reached depending on the ambient temperature and media width.

Roland VersaWorks System Requirements

<b>Operating system</b>	Windows Vista® Ultimate Service Pack 1 or Business Service Pack 1 (32-bit edition), Windows Vista Ultimate or Business (32-bit edition), or Windows XP Professional Service Pack 2 or 3, or Windows® 2000 Service Pack 4
<b>CPU</b>	2.0 GHz or faster Pentium 4 recommended
<b>RAM</b>	1 GB or more recommended (2 GB or more recommended for Windows Vista®)
<b>Video card and monitor</b>	A resolution of 1,280 x 1,024 or more recommended
<b>Free hard-disk space</b>	40 GB or more recommended
<b>Optical drive</b>	DVD-ROM drive

Options

	Model	Description	
<b>ECO-SOL MAX Media</b>	ESP-CL-1300	Clear PET film, 1,300 mm x 30 m (51" x 98')	
	SP-CL-1000T	Clear PET film, adhesive, 1,000 mm x 20 m (39.37' x 65.61')	
	SP-SG-1270G	PET semi gloss, gray adhesive, 1,270 mm x 30 m (50' x 98')	
	SP-SG-1270TR	PET semi gloss, removable adhesive, 1,270 mm x 30 m (50' x 98')	
	SPVCB-1270	PVC banner, 1,270 mm x 20 m (50' x 65')	
	SP-M-1270	Matte PET film, 1,270 mm x 30 m (50' x 98')	
	SFPLF-1300	Backlit film, 1,300 mm x 30 m (51.18" x 98')	
	SCM-GBMW-50-1180	Polyethylene banner, 1,180 mm x 50 m (46.45' x 164')	
	SCM-GPPG-50-914	White glossy photo paper, 914 mm x 50 m (36" x 164')	
	SCM-GPPG-50-1270	White glossy photo paper, 1,270 mm x 50 m (50' x 164')	
	SCM-GVWG-40-1370	Monomeric calendered self adhesive vinyl white glossy-permanent adhesive, 1,370 mm x 40 m (53.93" x 131')	
	SCM-GVWG-40-1525	Monomeric calendered self adhesive vinyl white glossy-permanent adhesive, 1,525 mm x 40 m (60" x 131')	
	<b>FPG2 Aqueous Ink Media</b>	YP2-M-1270	Synthetic paper with matte surface, 1,270 mm x 50 m (50" x 164')
		YP2-M-1065	Synthetic paper with matte surface, 1,065 mm x 30 m (41.92" x 98')
PHSP2-1100		Photo grade semi gloss paper, 1,100 mm x 30 m (43.25" x 98')	
PET2-G1320		PET sheet with gloss surface, 1,320 mm x 20 m (51.96" x 65')	
<b>ECO-SOL MAX Ink</b>	ESL3-4MG	Magenta, 440 cc	
	ESL3-4YE	Yellow, 440 cc	
	ESL3-4CY	Cyan, 440 cc	
	ESL3-4BK	Black, 440 cc	
	ESL3-MG	Magenta, 220 cc	
	ESL3-YE	Yellow, 220 cc	
	ESL3-CY	Cyan, 220 cc	
	ESL3-BK	Black, 220 cc	
	SL-CL	Cleaning liquid, 1 pc.	
	<b>FPG2 Aqueous Ink</b>	FPG2-MG	Magenta, 220 cc
FPG2-YE		Yellow, 220 cc	
FPG2-CY		Cyan, 220 cc	
FPG2-BK		Black, 220 cc	
CJ-CL		Cleaning liquid, 1 pc.	
<b>Take-up System</b>	TU2-64	For RS-640, rolls up to 30kg (66lbs.)	
	TU2-54	For RS-540 rolls up to 30kg (66lbs.)	
	TUC-2	Controller for TU2-64 and TU2-54 take-up systems	

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# VersaQrt — Setting A New Standard for Visual Communication

\* Choose from award-winning ECO-SOL MAX® ink for superior outdoor durability or new FPG2 aqueous ink for unsurpassed images with smooth gradations.

Get photorealistic image quality for stunning indoor prints



Print stand-out event graphics on fabric banner media



Command attention with brilliant bus shelters, transit ads and outdoor posters



Achieve flawless print quality on interior backlights



Make a statement with colorful, durable outdoor banners



Wrap vehicles and accessories for high-impact results



Photo: RS-640 with optional take-up system, TU2-64 and TUC-2



## VersaQrt

RS-640 64" RS-540 54"

4-color CMYK wide-format inkjet printer

### Packed With Our Most Advanced Features

The VersaQrt RS-640 and RS-540 were engineered to give your business a competitive edge, taking full advantage of Roland's leadership technology in wide-format inkjet printing. Now you can choose from award-winning ECO-SOL MAX® ink and new environmentally-friendly FPG2 aqueous ink depending on your business requirements. Explore profitable new applications ranging from high quality indoor design proofs, photographic reproductions and posters to stunning outdoor banners, signs and vehicle graphics—all produced on a single device. VersaQrt prints reflect the highest image quality thanks to Roland Intelligent Pass Control® technology, a unique three-dimensional ink firing system that precisely controls droplet size and placement for exceptionally smooth results every time. Choose from a wide variety of media including popular new low-cost fabrics for soft signage and textiles.

■ RS-640 Throughput		m <sup>2</sup> /hr (sqft/hr)
<b>Banner</b>		
Billboard	21.4	(230.3)
High Speed	16	(172.2)
Standard	12.7	(136.7)
High Quality	4.9	(52.7)
<b>Vinyl</b>		
High Speed	13	(139.9)
Standard	10.4	(111.9)
High Quality	4.9	(52.7)

### Powerful Productivity Tools

Built on the latest Adobe PostScript Engine, Roland VersaWorks® professional RIP software supports Roland Intelligent Pass Control® technology for flawless image quality at the highest print speeds. In addition to advanced cropping, tiling and nesting options, VersaWorks includes the Roland Color System for precision spot color matching and an estimation function that records the ink usage and print time for each graphic. VersaWorks also includes Variable Data Printing, the Max Impact™ Preset for richer color contrast, embedded ICC profile support, ink level adjustment tools and software proofing capabilities. VersaWorks supports Windows Vista® and 2000/XP and works seamlessly with your favorite design software, including Adobe Illustrator, Photoshop, InDesign and CorelDRAW. With VersaWorks, you can control up to four Roland printers from one personal computer. And you will always be up to date with the latest software updates and media profiles with the VersaWorks Roland@NET auto update service.



### Fast Start-Up and Easy Operation

VersaQrt series is designed for ease of use. Novices and professionals alike will appreciate the fast learning curve and easy procedures to start up, operate and shut down the printer. No mess 220/440 cc ink cartridges are easy to handle. Newly designed media shafts and flanges support rolls up to 40kg (88 lbs.) for unattended printing. VersaQrt is also virtually maintenance free for even greater simplicity and productivity. Measuring just 2.6 m wide x 1.1 m high (101" wide by 43" high), the VersaQrt RS-640 fits conveniently in just about any small shop environment. Expanding your production environment is easy as well because every Roland inkjet printer shares the same start up and operation procedures.



### Exceeding Current and Future Environmental Standards

VersaQrt technology is Energy Star certified and operates without an additional power supply on a standard household electrical outlet. Advanced features optimize VersaQrt ink consumption, reducing environmental waste and minimizing operational costs as well. Certified by Roland's Eco-Label system for environmental compliance, VersaQrt series has been fully assessed for its environmental attributes. Information is available on the Roland web site at [www.rolanddg.com](http://www.rolanddg.com).



### Roland — Your Business Partner Now And in The Future

As a company, it remains our top priority to provide you with both the ultimate in product quality and reliability and the high service levels your business requires. With Roland, you get legendary Roland reliability and world-class service and support including training through Roland workshops and seminars.

