

Specifications

		RS-640	RS-540
Printing technology		Piezoelectric inkjet	
Media	Width	259 to 1,625 mm (10.2 to 64 in.)	259 to 1,371 mm (10.2 to 54 in.)
	Thickness	Maximum 1.0 mm (39 mil) with liner	
	Roll outer diameter	Maximum 210 mm (8.3 in.)	
	Roll weight	Maximum 40 kg (88 lb.) [30kg (66 lb.) when take-up system used.]	Maximum 30 kg (66 lb.)
		50.8 mm (2 in.) or 76.2 mm (3 in.)	
Core diameter			
Printing width ^{*1}		Maximum 1,615 mm (63.6 in.)	Maximum 1,361 mm (53.6 in.)
Ink cartridges	Types	Roland ECO-SOL MAX Ink or FPG2 Aqueous Ink	
	Capacity	220 cc or 440 cc	
	Color	Four colors (cyan, magenta, yellow, and black)	
Printing resolution (dots per inch)		Maximum 1,440 dpi	
Distance accuracy ^{*2 *3}		Error of less than ±0.3% of distance traveled, or ±0.3 mm, whichever is greater	
Media heating system ^{*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)	
Connectivity		Ethernet (10BASE-T/100BASE-TX, automatic switching)	
Power-saving function		Automatic sleep feature	
Power requirements		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
Power consumption	During operation	Approx. 1030 W	Approx. 1020 W
	Sleep mode	Approx. 14 W	Approx. 14 W
Acoustic noise level	During operation	63 dB or less	63 dB or less
	During standby	44 dB or less	44 dB or less
Dimensions	With stand	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.)
	With ink-cartridge tray and stand	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.)
Weight (with stand)		133 kg (293 lb.)	122 kg (269 lb.)
Environmental	Power on	Temperature: 15 to 32°C (59 to 90°F) (20°C [68°F] or more recommended), humidity: 35 to 80%RH (non-condensing)	
	Power off	Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80%RH (non-condensing)	
Accessories		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

Operating system	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
CPU	2.0 GHz or faster Pentium 4 recommended
RAM	1 GB or more recommended (2 GB or more recommended for Windows Vista®)
Video card and monitor	A resolution of 1,280 x 1,024 or more recommended
Free hard-disk space	40 GB or more recommended
Optical drive	DVD-ROM drive

Options

	Model	Description
ECO-SOL MAX Media	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')
FPG2 Aqueous Ink Media	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')
	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')
ECO-SOL MAX Ink	PET2-G1320	PET sheet with gloss surface, 1,320 mm x 20 m (51.96" x 65')
	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.
FPG2 Aqueous Ink	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.
Take-up System	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

Roland DG products that feature this environmental label meet the company's criteria for environmental consciousness, a set of standards based on ISO 14021 self-declaration type II. For more information, please visit www.rolanddg.com.



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AUTHORIZED DEALER:

Printed in Japan. RDG-416074399 '09 SEP. E-3 G-S

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



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

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Print stand-out event graphics on fabric banner media

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

VersaArt

RS-640^{64"} RS-540^{54"}
4-color CMYK wide-format inkjet printer

Packed With Our Most Advanced Features

The VersaArt 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. VersaArt 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.

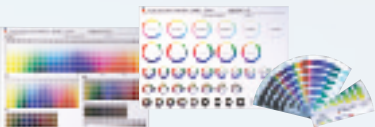


■ RS-640 Throughput		m ² /hr (sqft/hr)
Banner		
Billboard		21.4 (230.3)
High Speed		16 (172.2)
Standard		12.7 (136.7)
High Quality		4.9 (52.7)
Vinyl		
High Speed		13 (139.9)
Standard		10.4 (111.9)
High Quality		4.9 (52.7)

Powerful Productivity Tools

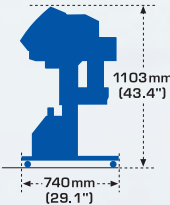
Built on the latest Adobe PostScript Engine, Roland VersaWorks® professional RIP software supports Roland Intelligent Pass Control® technology for flawless image quality at the highest print speeds. In addition to advanced cropping, tiling and nesting options, VersaWorks includes the Roland Color System 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.

Roland
VersaWorks®
RIP & PRINT MANAGEMENT SOFTWARE



Fast Start-Up and Easy Operation

VersaArt 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. VersaArt 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 VersaArt 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

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



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