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.)
	Core diameter	50.8 mm (2 in.) or 76.2 mm (3 in.)	
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	
	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. 1,030 W	Approx. 1,020 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® 7 Professional/Ultimate (32/64-bit); Windows Vista® Business/Ultimate (32/64-bit edition), or Windows XP Professional Service Pack 2 or later (32/64-bit)
CPU	Core™ 2 Duo, 2.0 GHz or faster recommended
RAM	2 GB or more recommended
Video card and monitor	A resolution of 1,280 x 1,024 or more recommended
Free hard-disk space	40 GB or more recommended
Hard-disk file system	NTFS format
Optical drive	DVD-ROM drive

*Roland VersaWorks® is a 32-bit application, which runs on 64-bit Windows® with WoW64 (Windows 32-bit on Windows 64-bit).

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')
	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')
ECO-SOL MAX Ink	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.
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

Imagine.

Roland®

DVE
Digital Value Engineering

RS

VersaArt

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

ISO 14001:2004 and ISO 9001:2008 Certified
Roland pursues both environmental protection and continuous quality improvement. Under the philosophy of preserving the environment and human health, Roland is actively working to abolish organic solvents in production, to reduce and recycle waste, to reduce power use, and to purchase recycled products. Roland constantly strives to provide the most highly reliable products available.

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QMS,EMS
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Wrap vehicles and accessories for high-impact results

Adobe® PostScript® 3™

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
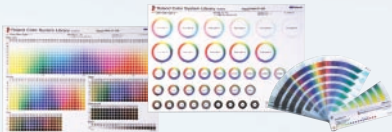

Packed With Our Most Advanced Features

The VersaArt RS-640 and RS-540 ECO-SOL MAX® ink were engineered to give your business a competitive edge, taking full advantage of Roland's leadership technology in wide-format inkjet printing. 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.

ECO-SOL MAX®

Roland Intelligent Pass Control

RS-640 Throughput   m²/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)

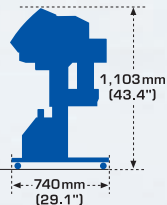| Vinyl	
High Speed	13 (139.9)
Standard	10.4 (111.9)
High Quality	4.9 (52.7)

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 seamlessly works 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.

1,103mm [43.4"]

740mm [29.1"]

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.

ECO

ENERGY STAR

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.

Roland DG Academy   Roland DG Creative Center   Roland DG Care