



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

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 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	
	Sleep mode	Approx. 14 W	
Acoustic noise level	During operation	63 dB or less	
	During standby	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')	
	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')	
	FPG2 Aqueous Ink Media	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')	
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	
FPG2 Aqueous Ink	SL-CL	Cleaning liquid, 1 pc.	
	FPG2-MG	Magenta, 220 cc	
	FPG2-YE	Yellow, 220 cc	
	FPG2-CY	Cyan, 220 cc	
	FPG2-BK	Black, 220 cc	
Take-up System	CJ-CL	Cleaning liquid, 1 pc.	
	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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ISO 14001:2004 and ISO 9001:2000 Certified

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