

VersaArt RS-640 64" & RS-540 54" wide format printers

Specifications

		RS-640	RS-540
Printing technology		Piezo inkjet	
Printing width ¹		Maximum 63.6 in. (1615 mm)	Maximum 53.6 in. (1615 mm)
Media	Acceptable widths	10.2 to 64 in. (259 to 1625 mm)	10.2 to 54 in. (259 to 1,371 mm)
	Acceptable thickness	Maximum 39 mil (1.0 mm) with liner	
	Acceptable diameter	Maximum 8.3 in. (210 mm)	
	Roll weight	Maximum 88 lb. (40 kg)	Maximum 66 lb. (30 kg)
	Core diameter	2 in. (50.8 mm) or 3 in. (76.2 mm)	
Ink cartridges	Types	Roland ECO-SOL MAX INK	
	Capacity	220 cc or 440 cc	
	Color	Four colors (cyan, magenta, yellow, and black)	
Printing resolution		Maximum 1,440 dpi	
Distance accuracy ^{2,3}		Error of less than ±0.3% of distance traveled, or ±0.3 mm, whichever is greater	
Power consumption	During operation	Approx. 1030 W	980 W
	Sleep mode	Approx. 16 W	Approx. 16 W
Printing Speed	Banner		
	Billboard	230.3 sq ft/hr (21.4 sq m/hr)	221.7 sq ft/hr (20.6 sq m/hr)
	High Speed	172.2 sq ft/hr (16.0 sq m/hr)	165.8 sq ft/hr (15.4 sq m/hr)
	Standard	136.7 sq ft/hr (12.7 sq m/hr)	131.3 sq ft/hr (12.2 sq m/hr)
	High Quality	52.7 sq ft/hr (4.9 sq m/hr)	50.6 sq ft/hr (4.7 sq m/hr)
	Vinyl		
	High Speed	139.9 sq ft/hr (13.0 sq m/hr)	135.6 sq ft/hr (12.6 sq m/hr)
	Standard	111.9 sq ft/hr (10.4 sq m/hr)	107.6 sq ft/hr (10.0 sq m/hr)
	High Quality	52.7 sq ft/hr (4.9 sq m/hr)	50.6 sq ft/hr (4.7 sq m/hr)
Setting range for the heater temperature ⁴	Print heater	86 to 112°F (30 to 45°C)	
	Dryer	86 to 122°F (30 to 50°C)	
Connectivity		Ethernet (10BASE-T/100BASE-TX, automatic switching)	
Power-saving function		Automatic sleep feature	
Certification		Energy Star Certified	
Power requirements		AC 100 to 120V ±10%, 7.8 A, 50/60 Hz or AC 220 to 240V ±10%, 4.0 A, 50/60 Hz	
Power consumption	During operation	Approx. 1030 W	
	Sleep mode	Approx. 16 W	
Acoustic noise level	During operation	64 dB or less (according to ISO 7779)	
	During standby	40 dB or less (according to ISO 7779)	
Dimensions	With stand	101.2 (W) x 29.1 (D) x 43.4 (H) in. 2,570 (W) x 740 (D) x 1,103 (H) mm	90.9 (W) x 39.4 (D) x 43.4 (H) in. 2,310 (W) x 740 (D) x 1,103 (H) mm
	With ink-cartridge tray and stand	101.2 (W) x 39.4 (D) x 43.4 (H) in. 2,570 (W) x 1000 (D) x 1,103 (H) mm	90.9 (W) x 39.4 (D) x 43.4 (H) in. 2,310 (W) x 740 (D) x 1,103 (H) mm
Weight (with stand)		293 lb. (133 kg)	269 lb. (122 kg)
Environmental	Power on	Temperature: 59 to 90°F (15 to 32°C); 68°F [20°C] or more recommended, humidity: 35 to 80%RH (non-condensing)	
	Power off	Temperature: 41 to 104°F (5 to 40°C), humidity: 20 to 80%RH (non-condensing)	
Items in the box		Printer stand, ink cartridge tray, power cord, media clamps, media flanges, replacement blade for separating knife, cleaning kit, RIP software and manuals.	

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

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

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

⁴ Warm-up is required after power-up. This may require 5 to 20 minutes, depending on the operating environment. The preset temperature may not be reached depending on the ambient temperature and media width.