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DVE
Digital Value Engineering

Roland[®]

VersaArt **RS-640S** Dye Sublimation Inkjet Printer

Produce Beautiful Soft Signage, Decorated Apparel and Décor with Roland's VersaArt Sublimation Solution

Choose Roland VersaArt sublimation printers for reliable transfers of rich, saturated colours with exceptional print quality, all at an affordable price. With VersaArt, you can maximise production while controlling quality and minimising costs for beautiful soft signage, apparel and interior décor items that will set your business apart from the competition.



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

Roland Intelligent Pass Control
Adobe PostScript 3
RIP & PRINT MANAGEMENT SOFTWARE
Roland VersaWorks[®]

Soft signage and exhibits

Soft signage delivers a sophisticated, upscale look that commands premium pricing. Among its many advantages, soft signage is lightweight for hanging and affordable to ship.



Heat-transfers for apparel

Produce high-quality, custom-decorated sportswear to help teams look and perform their best.



Interior décor

Now you can offer your customers colourful, co-ordinated, custom interior décor items, from wall coverings and artwork to drapes and furniture covers.



Maximum Quality, Colour and Productivity

VersaArt features Roland SBL2 sublimation inks for rich, vibrant colours that command attention. Roland Intelligent Pass Control[®] technology precisely controls droplet size and placement for unmatched print quality even at high speeds. Built for speed and performance, the 64" RS-640S prints up to 31.8 m²/h (342.6 sqft/hr). An integrated dual-heater dries graphics quickly. Support for media rolls up to 40 kg (88 lbs.) enables unattended printing through the longest production runs.



VersaWorks, Roland's Powerful, Easy-to-Use RIP Software

VersaArt sublimation printers come with Roland VersaWorks[®] RIP software, built on the Adobe[®] PostScript[®] 3[™] engine for reliable print quality. With VersaWorks, anyone can achieve professional results without advanced skills or previous experience. The Roland Color System Library includes colour charts and swatch books for precision spot colour matching and improved communication with your clients. To accurately monitor your time and costs, VersaWorks automatically estimates the ink usage and print time for each graphic.

RIP & PRINT MANAGEMENT SOFTWARE
Roland VersaWorks[®] Adobe PostScript 3

Easy Start-Up and Operation

Both novices and professionals can quickly learn to set up and operate VersaArt printers. Once set up, they are virtually maintenance free. Fully contained, 1-liter ink bottles are easy to handle with no mess. Consider adding a second VersaArt printer – also offered in eco-solvent ink models for outstanding durable indoor and outdoor signs, banners and posters. Expanding your production environment is simple because every Roland inkjet printer shares the same start up and operation procedures.



Eco-Conscious and Backed by Renowned Roland Support

VersaArt is Energy Star certified and features Roland's Eco-Label system for environmental compliance. No additional power supply is needed because VersaArt operates on a standard household electrical outlet. With VersaArt, you get world class reliability and support including service with Roland DG Care and training and seminars through the Roland DG Academy[®].



Specifications		RS-640S
Printing technology		Piezoelectric inkjet
Media		259 to 1,625 mm (10.2 to 64 in.)
Media	Width	Maximum 1.0 mm (39 mil) with liner for printing
	Thickness	Maximum 210 mm (8.3 in.)
	Roll outer diameter	Maximum 40 kg (88 lb.) [30kg (66 lb.) when take-up system used.]
	Roll weight	50.8 mm (2 in.) or 76.2 mm (3 in.)
Core diameter		Maximum 1,615 mm (63.6 in.)
Printing width*1		
Ink cartridges		Roland SBL2 Sublimation Ink
Ink cartridges	Type	1 liter
	Capacity	Four colours (cyan, magenta, yellow, and black)
	Colour	Maximum 1,440 dpi
Printing resolution (dots per inch)		
Distance accuracy (when printing) *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
Power consumption		Approx. 1030 W
Power consumption	During operation	Approx. 14 W
	Sleep mode	
Acoustic noise level		63 dB or less
Acoustic noise level	During operation	44 dB or less
	During standby	
Dimensions (with BU-2 and stand)		2,570 (W) x 810 (D) x 1,103 (H) mm (101.2 (W) x 31.9 (D) x 43.4 (H) in.)
Weight (with BU-2 and stand)		142.5 kg (313.9 lb.)
Environmental		Temperature: 15 to 32°C (59 to 90°F) (20°C [68°F] or more recommended), humidity: 35 to 80%RH (non-condensing)
Environmental	Power on	Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80%RH (non-condensing)
	Power off	
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.

BU-2, Bottle Ink Unit System for SBL2 Inks		
Ink bottle ports	4	
Ink	Type	Roland SBL-2 Sublimation ink
	Colour	4 colours (cyan, magenta, yellow, and black)
Total weight of contents	9.5 kg (20.9 lb.)	
Environmental	Power on	Temperature: 20 to 32°C (68 to 90°F), humidity: 35 to 80% (no condensation)
	Power off	Temperature: 5 to 35°C (41 to 95°F), humidity: 20 to 80% (no condensation)
Included items	Cap Opener and User's Manual	


Options		
SBL2 Sublimation Ink	SBL2-MG	Magenta, 1 liter
	SBL2-YE	Yellow, 1 liter
	SBL2-CY	Cyan, 1 liter
	SBL2-BK	Black, 1 liter
	SBL2-CL	Cleaning liquid, 1 pc.
Take-up System	TU2-64	For RS-640S, rolls up to 30 kg (66 lbs.)
	TUC-2	Controller for TU2-64 take-up system

Roland VersaWorks System Requirements	
Operating system	Windows® 7 Professional or Ultimate (32-bit); Windows Vista® Business/Ultimate Service Pack 1 (32-bit); Windows Vista® Business/Ultimate (32-bit); Windows® XP Professional Service Pack 2 or later; or Windows® 2000 Service Pack 4
CPU	Core™2 Duo, 2.0 GHz or faster recommended
RAM	1 GB or more recommended (Windows 7 and Vista: 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 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.




As an ENERGY STAR® partner, Roland DG Corporation has determined that this product meets the ENERGY STAR guidelines for energy efficiency. ENERGY STAR is a U.S. registered mark.



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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