Discover the fine art of durable graphics printing

Would you like to express creative ideas quickly and in a high-quality fashion? The VersaArt RE-640 is the solution you are looking for. This is a highly advanced printer that is also affordable and user-friendly. And the printing quality is, of course, outstanding.

Imagine. **Roland**®

VersaArt RE-640
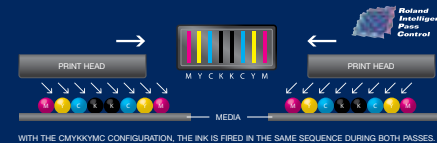
The best print heads for the finest details

The RE-640 uses the latest developments in print head technology. The head fires variable drops, making the printing of even the smallest details a work of art. That gives you vibrant colours, smooth gradations, and sharp contrasts.

NEW PRINT HEAD | CONVENTIONAL PRINTING | PRINTING WITH VERSAART RE-640

High productivity and exceptional print quality

With its special ink configuration, the RE-640 is your guarantee of colour consistency. The print head has eight channels with the colours arranged in a mirrored configuration (CMYKKYMC). That eliminates the inconsistency in colour that sometimes occurs with bi-directional printing. In addition, the Roland Intelligent Pass Control technology improves printing quality by checking the placement of the ink droplets with a high degree of precision. That also eliminates banding.

PRINT HEAD → M Y C K K C Y M ← PRINT HEAD

Roland Intelligent Pass Control

MEDIA

WITH THE CMYKKYMC CONFIGURATION, THE INK IS FIRED IN THE SAME SEQUENCE DURING BOTH PASSES.

Extensive selection of print profiles in VersaWorks

The RE-640 is delivered with VersaWorks. That is Roland´s powerful and user-friendly RIP software, which offers you a wide selection of profiles for all types of print media. When you select a particular profile, VersaWorks adjusts the colour, the amount of ink, and other important parameters automatically which gives you a lovely printing result time after time.

Easy and affordable

The VersaArt is easy to maintain and has low operating costs. The unit is equipped with an automatic cleaning system that keeps the print head in optimal condition and minimises ink consumption. The unit uses a minimum amount of power both during operation and on standby.

Consumption levels of ECO-SOL MAX ink

Media	Ink consumption
Banner	5.77cc
Vinyl	4.71cc

Description of print:
1118 x 894.4 mm, standard printing mode in VersaWorks

Think Art

Strong in service

The service of Roland DG is based on three important principles:

- **Creative Centers:** Our galleries with countless applications are a source of inspiration for hundreds of clients. Please feel free to contact us if you want to get some inspiration in one of our Creative Centers.

- **Roland DG Academy:** Enrol in one of our courses and get the best out of your printer. You will learn everything, from the very basics up to advanced production techniques and much, much more. You can subscribe via www.rolanddg.be/ myRoland.

- **Roland DG Care:** We offer you the service that you deserve and support you in numerous ways to ensure that you can continue to use your printer to the utmost.

Imagine.
Roland®

Specifications

Printing Technology		Piezoelectric inkjet
Media	Width	259 to 1625 mm
	Thickness	Maximum 1.0 mm with liner, for printing
	Roll outer diameter	Maximum 210 mm
	Roll weight	Maximum 40 kg
	Core diameter[1]	76.2 mm or 50.8 mm
Printing width[2]		Maximum 1615 mm
Ink cartridges	Types	Roland ECO-SOL MAX 220-cc cartridge / 440-cc cartridge
	Colours	Four colours (cyan, magenta, yellow, and black)
Printing resolution (dpi)		Maximum 1440 dpi
Distance accuracy[3]		Error of less than ±0.3% of distance travelled, or ±0.3 mm, whichever is greater
Media heating system[4]		Print heater, setting range for the preset temperature: 30 to 45°C Dryer, setting range for the preset temperature: 30 to 50°C
Connectivity		Ethernet (10BASE-T/100BASE-TX, automatic switching)
Power-saving function		Automatic sleep feature
Power requirements		AC 100 to 120 V ±10 %, 8.2 A, 50 / 60 Hz or AC 220 to 240 V ±10 %, 4.2 A, 50 / 60 Hz
Power consumption	During operation	Approx. 1080 W
	Sleep mode	Approx. 14.8 W
Acoustic noise level	During operation	64 dB (A) or less
	During standby	41 dB (A) or less
Dimensions (with stand)		2,575 (W) × 705 (D) × 1,175 (H) mm
Weight (with stand)		135 kg
Environmental	Power on	Temperature: 15 to 32°C (20°C or more recommended), humidity: 35 to 80%RH (non-condensing)
	Power off	Temperature: 5 to 40°C humidity: 20 to 80%RH (non-condensing)
Included items		Exclusive stands, power cord, media clamps, media holder[1], replacement blade for separating knife, software RIP, User's Manual, etc.

[1] The media holder of this machine can only carry media with a paper core with an inner diameter of 7.6cm. To use 5.1cm media, the optional media flanges are required.
[2] The length of printing is subject to the limitations of the program.
[3] Using Roland specified media, print travel of 1m, temperature: 25°C, humidity: 50%RH, 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 fail to be reached depending on the ambient temperature and media width.

Roland VersaWorks System Requirements

Operating system	Windows® 7 Professional or Ultimate (32/64-bit); Windows Vista® Business/Ultimate (32/64-bit); 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

Ink

Model		Description
ECO-SOL MAX Ink	ESL3-4CY	Cyan, 440cc
	ESL3-4MG	Magenta, 440cc
	ESL3-4YE	Yellow, 440cc
	ESL3-4BK	Black, 440cc
	ESL3-CY	Cyan, 220cc
	ESL3-MG	Magenta, 220cc
	ESL3-YE	Yellow, 220cc
	ESL3-BK	Black, 220cc
Cleaning liquid	SL-CL	1 pc.

VersaArt
RE-640

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