

TrueVis

VG4-640/540

ECO-SOLVENT PRINTER/CUTTERS

Precision in Every Play



ECO-SOLVENT

PRINT/CUT WITH
INTEGRATED TAKE-UP

UP TO 8-COLOUR
CONFIGURATION

TR

The most advanced generation of TrueVis

- ▶ Engineered to deliver refined image quality with consistent results.
- ▶ New-generation print performance supports sharp detail, smooth gradients, and accurate, repeatable colour reproduction across a broad range of applications.
- ▶ True Rich Color supports balanced colour output. The result is premium graphics that meet customer expectations for both visual impact and consistency over repeated production.

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The smartest way to produce outstanding output

- ▶ Designed to reduce operational steps and support efficient production management.
- ▶ A large touchscreen provides clear access to key functions and simplifies day-to-day operation.
- ▶ Once print conditions are set in VersaWorks, jobs can be selected and started from the printer, supporting practical workflows where the RIP workstation is not located near the device and enabling efficient repeat output when required.



Ink flexibility and expanded color capability

- ▶ Choose between economical D-EA2 eco-solvent inks for beautiful, high-speed prints at half the running cost or TR3 eco-solvent inks that deliver vivid, high-definition output with fewer passes.
- ▶ Advanced ink ejection control allows the VG4 to achieve the highest image quality with the least amount of ink, with significantly lower operating costs, for a more profitable business.
- ▶ Both inks offer multiple configurations to match production needs, including new Red, plus Orange, Green and Light Black.

Additional Features

- + VersaWorks 7 included, supporting efficient job processing and colour tools designed for spot colour workflows and consistent output.
- + Improved take-up unit supports long runs and stable media handling, and perforation sheet cut for faster job separation and continued take-up.
- + Roland DG Connect ready, with remote printer management, proactive maintenance tools and real-time product data and diagnostics.
- + D-EA2 and TR3 inks are GBL-free and supplied in cardboard-based cartridges.

Technical Specs

		VG4-640	VG4-540
Printing method		Piezo ink-jet method	
Media	Width	335 to 1,625 mm (13.2 to 64 in.)	295 to 1,371 mm (11.7 to 54 in.)
	Thickness	Max. 1.0 mm (39.3 mil) with liner, for printing Max. 0.4 mm (15.7 mil) with liner and 0.22 mm (8.6 mil) without liner, for cutting	
	Roll outer diameter	Max. 250 mm (9.84 in.)	
	Roll weight	Max. 45 kg (99 lb.)	Max. 35 kg (77 lb.)
	Core diameter	76.2 mm (3 in.) or 50.8 mm (2 in.)	
Printing/cutting width ^(*)		Max. 1,600 mm (62.9 in.)	Max. 1,346 mm (52.9 in.)
Ink Type	D-EA2	Eco-Solvent Ink 500 ml cartridge (only white 220 ml)	
	TR3	Eco-Solvent Ink (D-EA2) 500 ml cartridge	
Ink Colors	D-EA2	Eight colors (Cyan, Magenta, Yellow, Black, Light Black, Green, Orange, and Red) Four colors (Cyan, Magenta, Yellow, and Black)	
	TR3	Eight colors (Cyan, Magenta, Yellow, Black, Light Black, Green, Orange, and Red) Eight colors (Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta, Orange, and Red) Seven colors (Cyan, Magenta, Yellow, Black, Orange, Red, and White (2 cartridges)) Four colors (Cyan, Magenta, Yellow, and Black)	
Printing resolution (dots per inch)		Max. 1,800 dpi	
Cutting speed		10 to 300 mm/s (0.39 to 11.8 in/s)	
Blade force ^(**)		30 to 500 gf	
Blade	Type	Roland CAMM-1 series blade	
	Offset	0.000 to 1.500 mm (0.0 to 59 mil)	
Software resolution (when cutting)		0.025 mm/step (0.98 mil/step)	
Media heating system ^(***)		Print heater set temperature: 30 to 45 °C (86 to 113 °F) Dryer set temperature: 30 to 55 °C (86 to 131 °F)	
Connectivity		Ethernet (100BASE-TX/1000BASE-T, automatic switching)	
Power-saving function		Automatic sleep feature	
Rated input		100-120 / 220-240 Va.c. 50 / 60 Hz 8.6 / 4.4 A	
Power consumption	During operation	Approx. 1,140 W	
	Sleep mode	Approx. 40 W	
Acoustic noise level	During operation	66 dB (A) or less	
	During standby	56 dB (A) or less	
Dimensions (Width x Depth x Height)		2,886 mm × 748 mm × 1,415 mm (113.62 in. x 29.45 in. x 55.71 in.)	2,632 mm × 748 mm × 1,415 mm (103.62 in. x 29.45 in. x 55.71 in.)
Weight		189 kg (417 lb.)	182 kg (402 lb.)
Environment	During operation ^(****)	Temperature: 20 to 32°C (68 to 89.6 °F), humidity: 35 to 80%RH (no condensation)	
	Not operating	Temperature: 5 to 40°C (41 to 104°F), Humidity: 20 to 80%RH (no condensation)	
Included items		Dedicated stand, power cord, media take-up unit, media holders, replacement blade for separating knife, cleaning liquid bottle for maintenance, drain bottle, User Manual, software (VersaWorks, Roland DG Connect), etc.	

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

*2 ♦ 500 gf is the maximum instantaneous blade force.

♦ The blade force must be adjusted according to details such as the media thickness.

*3 ♦ Warm-up is required after power up. This may require 5 to 20 minutes, depending on the operating environment.

♦ Depending on the ambient temperature and media width, the preset temperature may fail to be reached.

*4 Operating environment (Use in an operating environment within this range.)

