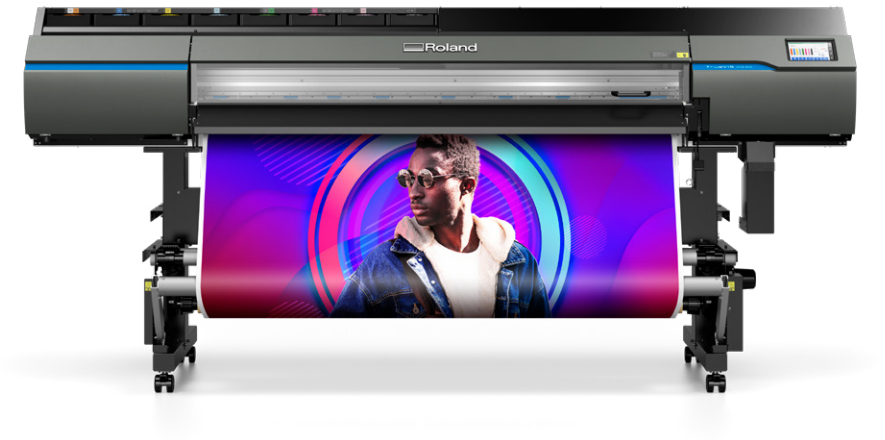
Roland

TrueVIS
ECO-SOLVENT PRINTERS

VG3-640/540

COLOR AND PRODUCTIVITY IN PERFECT HARMONY



ECO-SOLVENT

INTEGRATED PRINT/CUT

UP TO 8-COLOR CONFIGURATION

TR The most advanced generation of TrueVIS

- FlexFire print heads, TR2 inks, and True Rich Color combine with user-friendly features to make the VG3 the ultimate in professional print graphics production.
- A re-designed chassis, high-quality components, and a variety of media handling improvements make the VG3 perfect for unattended printing of short runs, long runs, print/cut, and so much more.

U Enhanced features—with you in mind

- Easy-to-operate, and intuitive 7" LCD touchscreen control panel.
- Automated media calibration saves time and material.
- Newly designed, adjustable media take-up unit accomodates rolls of different sizes.
- One-touch media clasp makes loading media rolls easy for a single operator.

Expanded color output

- Available ink configurations to meet your customers needs—from brand accurate colors and high-end graphics to high-productivity jobs .
- Combine Orange and Green inks to push the color boundaries of digital printing.
- New CMYK plus light cyan, light magenta, orange, and green inks—combined with True Rich Color 3 deliver vivid, smooth, and color rich graphics.

Additional Features

+ Included VersaWorks 6 RIP—featuring new True Rich Color 3 preset, Nearest Color Finder, and Variation Job function.
+ Roland DG Connect App ready—giving you instant access to important data about print jobs as well as your business.
+ A variety of available ink configurations expand your gamut to output rich color, smooth gradations, and beautiful skin tones.
+ Perforated sheet cut option reduces post-processing with “easy tear” perforations between print jobs.

Technical Specs

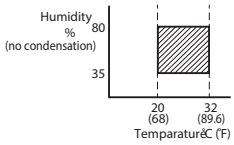
		VG3-640	VG3-540
Printing method		Piezo ink-jet method	
Media	Width	335 to 1,625 mm (13.2 to 64 in.)	295 to 1,371 mm (11.7 to 54 in.)
	Thickness	Max. 1.0 mm (39.3 mil) with liner, for printing Max. 0.4 mm (15.7 mil) with liner and 0.22 mm (8.6 mil) without liner, for cutting	
	Roll outer diameter	Max. 250 mm (9.8 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 (*1)		Max. 1,600 mm (62.9 in.)	Max. 1,346 mm (52.9 in.)
Ink	Type	TrueVIS INK 500 ml pouch (only white 250 ml)	
	Colors	Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, light black, and white) Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, light black, and orange) Eight colors (cyan, magenta, yellow, black, light black, orange, green and white) Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, orange, and green) Seven colors (cyan, magenta, yellow, black, light black, orange, and green) Four colors (cyan, magenta, yellow, and black)	
Printing resolution (dots per inch)		Max. 1,200 dpi	
Cutting speed		10 to 300 mm/s (0.39 to 11.8 in./s)	
Blade force (*2)		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 (*3)		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 8.0/4.1 A	
Power consumption	During operation	Approx. 1,090 W	
	Sleep mode	Approx. 50 W	
Acoustic noise level	During operation	63 dB (A) or less	
	During standby	53 dB (A) or less	
Dimensions (Width x Depth x Height)		2,886 mm × 748 mm × 1,320 mm (113.7 in. x 29.5 in. x 52.0 in.)	2,632 mm × 748 mm × 1,320 mm (103.7 in. x 29.5 in. x 52.0 in.)
Weight		203 kg (448 lb.)	189 kg (417 lb.)
Environment	During operation (*4)	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 stands, power cord, Media take-up unit, media holders, replacement blade for separating knife, cleaning liquid, drain bottle, User's 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.)



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For more information please contact: Ph.: +91- 72178 85728 , 8178343337 | Email: sales@apsom.com | www.apsom.com

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