



TrueVIS VG2 Series

VersaWorks TrueVIS INK



Specifications		VG2-640	VG2-540
Model		VG2-640	VG2-540
Printing method		Piezo ink-jet method	
Media	Width	315 to 1,625 mm (12.4 to 64 in.)	275 to 1,371 mm (10.8 to 54 in.)
	Thickness	Max. 1.0 mm (39 mil) with liner, for printing Max. 0.4 mm (16 mil) with liner and 0.22 mm (9 mil) without liner, for cutting	
	Roll outer diameter	Max. 210 mm (8.3 in.)	
	Roll weight	Max. 40 kg (88 lb.)	Max. 30 kg (66 lb.)
	Core diameter ^{*1}	76.2 mm (3 in.) or 50.8 mm (2 in.)	
Printing/cutting width ^{*2}		Max. 1,600 mm (63 in.)	Max. 1,346 mm (53 in.)
Ink	Type	TrueVIS INK 500 ml pouch (Only white 250 ml)	
	Colours	Eight colours (cyan, magenta, yellow, black, light cyan, light magenta, light black, and white) Eight colours (cyan, magenta, yellow, black, light cyan, light magenta, light black, and Orange) Four colours (cyan, magenta, yellow, and black)	
Printing resolution (dots per inch)		Max. 1,200 dpi	
Cutting speed		10 to 300 mm/s (0.4 to 11.8 in/s)	
Blade force ^{*3}		30 to 500 gf	
Blade	Type	Roland CAMM-1 series blade	
	Offset	0.000 to 1,500 mm (0.0 to 59.1 mil)	
Software resolution (when cutting)		0.025 mm/step (0.98 mil/step)	
Distance accuracy (when printing) ^{**4*}		Error of less than ±0.3% of distance traveled or ±0.3 mm (±11.8 mil), whichever is greater.	
Distance accuracy (when cutting) ^{**4*}		Error of less than ±0.4% of distance traveled or ±0.3 mm (±11.8 mil), whichever is greater. When distance correction has been performed (when the setting for [CUTTING MENU] - [CALIBRATION] has been made): Error of less than ±0.2% of distance traveled or ±0.1 mm (±3.9 mil), whichever is greater.	
Repeatability (when cutting) ^{**4*}		±0.1 mm (±3.9 mil) or less	
Alignment accuracy for printing and cutting ^{**4*}		±0.5 mm (±19.7 mil) or less	
Alignment accuracy for printing and cutting when reloading media ^{**4*}		Error of less than ±0.5% of distance traveled, or ±3 mm (±0.2 in.), whichever is greater	
Media heating system ^{*9}		Print heater set temperature: 30 to 45°C (86 to 112°F) Dryer set temperature: 30 to 50°C (86 to 122°F)	
Connectivity		Ethernet (100BASE-TX/1000BASE-T, automatic switching)	
Power-saving function		Automatic sleep feature	
Power requirements		AC 100 to 120 V ±10%, 8.0 A, 50/60 Hz or AC 220 to 240 V ±10%, 4.1 A, 50/60 Hz	
Power consumption	During operation	Approx. 1,090 W	
	Sleep mode	Approx. 40 W	
Acoustic noise level	During operation	63 dB (A) or less	
	During standby	53 dB (A) or less	
Dimensions (with stand)	2,945 (W) × 730 (D) × 1,310 (H) mm (116 [W] × 28.8 [D] × 51.6 [H] in.)	2,685 (W) × 730 (D) × 1,310 (H) mm (105.8 [W] × 28.8 [D] × 51.6 [H] in.)	
Weight (with stand)	204 kg (451.9 lb.)	188 kg (421 lb.)	
Environment	During operation	Temperature: 20 to 32°C (68 to 90°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 clamps, media holders, replacement blade for separating knife, manuals, etc.	

VersaWorks 6 System Requirements	
Operating system	Windows® 10 (32/64-bit), Windows® 8.1 (32/64-bit), Windows® 7 Professional / Ultimate (32/64-bit)
CPU	Intel® 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
Other	Internet connection recommended

Options		
TrueVIS INK	TR2-CY	Cyan, 500 ml
	TR2-MG	Magenta, 500 ml
	TR2-YE	Yellow, 500 ml
	TR2-BK	Black, 500 ml
	TR2-LC	Light cyan, 500 ml
	TR2-LM	Light magenta, 500 ml
	TR2-LK	Light black, 500 ml
	TR2-OR	Orange, 500 ml
	TR2-WH	White, 250 ml
	Cleaning liquid	TR2-CL
Blades	ZEC-U5032	For sign vinyl in general, 2pcs.
	ZEC-U5025	For thick, reflective and fluorescent vinyl, as well as sign vinyl in general, 5pcs.
Blade holders	XD-CH2	Blade holder with blade extension adjuster, made of aluminum
	XD-CH3	Blade holder with blade extension adjuster, made of resin

Options

Automated take-up system



TU4-64 [For VG2-640]

TU4-54 [For VG2-540]

* Rolls up to 40 kg (88.2 lb.)

Heater and blower



DU2-64 [For VG2-640]

Power requirements
AC 100 to 120 V ±10%, 5.5 A, 50/60 Hz
AC 220 to 240 V ±10%, 3 A, 50/60 Hz

DU2-54 [For VG2-540]

Power requirements
AC 100 to 120 V ±10%, 5 A, 50/60 Hz
AC 220 to 240 V ±10%, 2.6 A, 50/60 Hz

*It is recommended to use heater and blower especially for printing with white.

^{*1}The media holders of this machine are designed to be used exclusively with media that has a paper tube (core) with an inner diameter of 3 inches. To use 2-inch media, the optional media flanges are required. ^{*2}The length of printing or cutting is subject to the limitations of the program. ^{*3} 500 gf is the maximum instantaneous blade force. • The blade force must be adjusted according to details such as the media thickness. ^{*4} Media type: Media specified by Roland DG Corporation • Temperature: 25°C (77°F), humidity: 50%RH • Roll media must be loaded correctly. • Applicable when all pinch rollers that can be used with the media width are used. • Side margins: 25 mm (1.0 in.) or more for both the left and right margins • Excluding expansion/contraction of the media • Not assured when the print heater or dryer is used. • Assumes all correction and adjustment functions of the machine have been used properly. ^{*5} Print travel: 1 m (39.4 in.) ^{*6} [PREFEED] menu item must be set to "ENABLE." Range for assured repetition accuracy • For media with a width exceeding 610 mm (24.0 in.); Length: 4,000 mm (157.5 in.) • For media with a width of 610 mm (24.0 in.) or less; Length: 8,000 mm (315.0 in.) ^{*7} • Provided that the media feed length is 3,000 mm (118.1 in.) or less • Excludes the effects of slanted movement and of expansion and contraction of the media ^{*8} • Data size: 64-inch model: 1,000 mm (39.4 in.) in the media-feed direction, 1,600 mm (63.0 in.) in the carriage-movement direction 54-inch model: 1,000 mm (39.4 in.) in the media-feed direction, 1,346 mm (53.0 in.) in the carriage-movement direction • No lamination • Automatic detection of crop marks at 4 points when media is reloaded • During cutting, [PREFEED] menu item must be set to "ENABLE." • Excluding possible shift caused by expansion/contraction of the media and/or by reloading the media. ^{*9} 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.

About White Ink Due to the nature of white ink, the pigment in this ink will settle in the cartridge and ink flow system, requiring you to shake the cartridge before each use. Outdoor durability is three years for CMYK/CMYK/White inks, and one year for white ink, depending on the media used.

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THE POWER TO EXCITE

Introducing TrueVIS VG2 Printer Cutters



TrueVIS VG2 Series

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AUTHORISED DEALER:




THE POWER TO EXCITE

TrueVIS VG2 Series



A New Generation of TrueVIS Eco-Solvent Ink

In addition to seven colours and white, new TR2 ink supports orange ink to increase colour gamut. Orange colour offers high visibility and can be used it to add impact while its warm and welcoming glow promotes positive emotions and encourages communication. Using orange effectively leads to richer colour expression which resonates in the subconscious. For even richer expression, a new Multiprocess Colour Function was developed to enable using orange ink as a process colour.

-  8 Colours : CMYKLcLmLkOr
-  8 Colours : CMYKLcLmLkWh
-  4 Colours : CMYK

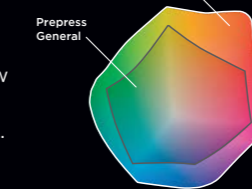
3M
Performance
Guarantee



True Rich Colour Invented Here

In order to take full advantage of the VG2's superior colour reproduction capability and the wide colour gamut provided by new TR2 ink, we developed a True Rich Colour preset. Now vibrant colour can be combined with neutral grays, smooth gradations and natural skin tones to create stunning graphics. This pioneering print quality is unequalled for durable graphics.

True Rich Color



Unsurpassed Cutting Performance

The VG2 offers a host of technological advancements to improve both printing and cutting accuracy for reliable results during unattended operation. New middle pinch rollers raise automatically prior to starting the cutting process for unattended operation. New crop mark options for cutting laminated printed materials in combination with optimised side pinch roller pressure provide more stable cutting performance.



High Quality with Quick Turnaround

The VG2 builds upon the BLI award-winning quality and productivity of the previous generation VG.* Roland DG FlexFire printheads produce the precision ink firing that enables printing neutral grays, vivid colours, and smooth skin tones even at the highest speeds. A new media take-up unit supports two modes for improved take-up accuracy from thin films to heavy canvas.



*TrueVIS VG Series printer/cutters won the Pick Awards 2019 for Image Quality and Productivity from Buyers Lab.

VersaWorks 6 to Power Up Your Printing Business

The new VersaWorks 6 RIP is designed to simplify operation while maximising the power of your VG2 and other Roland DG devices. A Harlequin RIP dual-core engine, support for PDF 2.0 and native 64-bit processing provides accurate rendering of PDFs with shadows and transparencies. Icon-based interface with drag-and-drop functionality to facilitate ease of use.



To excite the heart and mind. That was our goal in creating the new TrueVIS VG2 printer cutters. In addition to the superior vibrancy of new TR2 ink with orange, the VG2 includes a unique True Rich Colour preset that optimises the potential of both printer and ink for unprecedented colour reproduction. Brilliant yet natural colour plus increased printing and cutting accuracy combine to bring new life to your sign graphics. Only the TrueVIS VG2 series offers this extraordinary power to excite.