

Specifications

Roland TrueVIS VG Series			
Specifications		VG-640	VG-540
Printing technology		Piezoelectric inkjet	
Media	Width	8.3in-64in (210mm-1625mm)	8.3in-54in (210mm-1371mm)
	Thickness	Maximum 39 mil (1.0 mm) with liner for printing	
		Maximum 16 mil (0.4 mm) with liner and 9 mil (0.22mm) without	
	Roll outer diameter	Maximum 8.3 in (210 mm)	
	Roll weight	Maximum 88 lbs (40 kg)	Maximum 66 lbs (30 kg)
	Core diameter *1	3 in (76.2 mm) or 2 in (50.8 mm)	
Printing/cutting width *2		Maximum 63 in (1,600 mm)	Maximum 53 in (1,346 mm)
Replacable Ink Pouch	Type	Roland TrueVIS TR Ink	
	Capacity	500 cc CMYK Lc Lm Lk +WH	
	Colors	CMYKCMYK, CMYKLCmLk, CMYKLCmLk+WH	
Printing resolution (dots per inch)		Maximum 900 dpi	
Blade force		30 to 500 gf	
Blade offset		0 to 0.059 in (0 to 1.5 mm)	
Software resolution (when cutting)		0.000984 in/step (0.025 mm/step)	
Distance accuracy (when printing) *3 *4		Error of less than $\pm 0.3\%$ of distance traveled, or ± 0.3 mm, whichever	
Distance accuracy (when cutting) *3		Error of less than $\pm 0.4\%$ of distance traveled, or ± 0.3 mm, whichever	
		When distance correction has been performed (when the setting for [CUTTING MENU] - [CALIBRATION] has been made): Error of less than $\pm 0.2\%$ of distance traveled, or ± 0.1 mm, whichever is greater	
Repeatability (when cutting) *3 *5		± 0.1 mm or less	
Alignment accuracy for printing and cutting *3		± 0.5 mm or less	
Alignment accuracy for printing and cutting		Error of less than $\pm 0.5\%$ of distance traveled, or ± 3 mm, whichever	
Media heating system *8	Print heater	Setting range for the preset temperature: 86 to 112°F (30 to 45°C)	
	Dryer	Setting range for the preset temperature: 86 to 122°F (30 to 50°C)	
Connectivity		Ethernet (10BASE-T/100BASE-TX, automatic switching)	
Power-saving function		Automatic sleep feature	
Power requirements		AC 100 V to 120V $\pm 10\%$, 9.8A, 50/60Hz, or AC 220 to 240 V $\pm 10\%$, 5.2 A, 50/60 Hz	AC 100 to 120 V $\pm 10\%$, 7.9A, 50/60 Hz or AC 220 to 240V $\pm 10\%$, 4.1A 50/60Hz
		AC220V to 240V $\pm 10\%$, 5.2A, 50/60Hz	AC 220 to 240 V $\pm 10\%$, 3.8A, 50/60 Hz
Power consumption	During operation	Approx. 1,270 W	Approx. 1030 W
	Sleep mode	Seven colors: 40 W Four colors: 75W	Seven colors: 43W Four colors: 49W
Acoustic noise level	During operation	63 dB (A) or less	
	During standby	53 dB (A) or less	
Environmental	Power on	Temperature: 20 to 32°C (68 to 90°F) [20°C (68°F) or more recommended], Humidity: 35 to 80%RH (no condensing)	
	Power off	Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80%RH (no condensing)	
Dimensions (with stand)		VG-640	VG-540
		116(W) x 29.4(D) x 51.6(H) in 2,945(W) x 745(D) x 1,310 (H) mm	105.7(W) x 29.3(D) x 51.6(H) 2685(W) x 745(D) x 1,310(H)mm
Weight (with stand)		451.9lb (205kg)	421lb (191kg)
Included items		Stand, power cord, blade, blade holder, media clamps, media holder, replacement blade for separating knife, software RIP, user's manual.	

Roland Versa Works Dual System Requirements	
Operating system	Windows® 10 (32/64-bit)
	Windows® 8/8.1 (32/64-bit)
	Windows® 7 Professional / Ultimate (32/64-bit)
CPU	Core™2 Duo, 2.0 GHz or faster recommended
RAM	2 GB or more recommended
Video card and monitor	Resolution of 1,280 x 1,204 or more recommended
Free hard-disk space	40 GB or more recommended
Hard-disk file system	NTFS format
Optical drive	DVD-ROM drive

*1 The media holder of this machine is exclusively for media with a paper tube core inner diameter of three inches. To use a two-inch media core, please use the optionally available media flanges.

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

*3 Using Roland specified media, loaded correctly, temperature: 25° C (77° F), humidity: 50% RH, all pinch rollers are used, 25 mm or more for both right and left margins and 35 mm or more front margin, excluding expansion or contraction of the media. and all correction and adjustment functions of this machine have been made properly. Not assured when the print heater or dryer is used.

*4 Using Roland specified media, print travel of 1 m

*5 [PREFEED] menu item must be set to "ENABLE," 64-inch and 54-inch models, media over 610 mm wide, and 4,000 mm long

*6 Provided that media length is under 3,000 mm. Excluding possible shift caused by expansion/contraction of the media and/or by reloading the media.

*7 Using Roland specified media, 64-inch and 54-inch models: data size: 1,000 mm in the media-feed direction, 1,600 mm 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." Excludes the effects of slanted movement and of expansion and contraction of the media.

*8 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 Dual is a 32-bit application, which runs on 64-bit Windows® with WoW64 (windows 32-bit on Windows 64-bit).

