		VG-640	VG-540
Printing technology		Piezoelectric inkjet	
Media	Width	210 to 1,625 mm (8.3 to 64 in.)	210 to 1,371 mm (8.3 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 (88.2 lb.)	Max. 30 kg (66.1 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	Types	TrueVIS INK 500 cc pouch	
	Colors	Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, light black,and white) or, Seven colors (cyan, magenta, yellow, black, light cyan, light magenta, and light black) or, Four colors (cyan, magenta, yellow, and black)	
Printing resolution (dots per inch)		Max. 900 dpi	
Cutting speed		10 to 300 mm/s (0.4 to 11.8 in/s)	
Blade force[*3]		30 to 500 gf	
Blade	Types	Roland CAMM-1 series blade	
	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 *5]		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 *6]		±0.1 mm (±3.9 mil) or less	
Alignment accuracy for printing and cutting[*4 *7]		±0.5 mm (±19.7 mil) or less	
Alignment accuracy for printing and cutting when reloading media[*4 *8]		Error of less than ±0.5 % of distance traveled by media 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 %, 9.8 A, 50/60 Hz or	AC 100 to 120 V ±10 %, 7.9 A, 50/60 Hz or

		VG-640	VG-540
		AC 220 to 240 V ±10 %, 5.2 A, 50/60 Hz	AC 220 to 240 V ±10 %, 4.1 A, 50/60 Hz
Power consumption	During operation	Approx. 1,270 W	Approx. 1,030 W
	Sleep mode	4 colors: 75 W or, 7 colors: 40 W	4 colors: 49 W or, 7 colors: 43 W
Acoustic noise level	During operation	63 dB (A) or less	
	During standby	53 dB (A) or less	
Dimensions (with stand)		2,945 (W) x 745 (D) x 1,310 (H) mm (116 [W] x 29.4 [D] x 51.6 [H] in.)	2,685(W) x 745(D) x 1,310 (H) mm (105.8 [W] x 29.4 [D] x 51.6 [H] in.)
Weight (with stand)		205 kg (451.9 lb.)	191 kg (421 lb.)
Environment	Power on	Temperature: 20 to 32°C (68 to 90°F), humidity: 35 to 80 % RH (no condensation)	
	Power off	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, User's Manual, etc.	

- *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 Corp.
  • Temperature: 25°C (77°F), humidity: 50 %
  • 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
  • Front margin: 35 mm (1.4 in.) or more
  • Excluding expansion/contraction of the media
  • Not guaranteed 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 in.) in the carriage-movement direction
  [54-inch model] •1,000 mm (39.4 in.) in the media-feed direction, 1,346 mm (53 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 the power is turned on. This may require 5 to 20 minutes, depending on the operating environment.
  • Depending on the ambient temperature and the media width, the set temperature may not be reached.

Roland VersaWorks Dual 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

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