

ROLAND VersaCamm® SP-540i



Rating: 4.0  
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USD 5,997.00

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Manufacturer: [Roland](#)

Description MODEL		VersaCamm SP-540i	
Printing technology		Piezoelectric inkjet	
Printing/cutting width (*1)		Maximum 1,346 mm (53 in.)	
Media	Width	210 to 1,371 mm (8.3 to 54 in.)	
	Thickness	Maximum 1.0 mm (39 mil) with liner, for printing	
Ink cartridges		Maximum 0.4 mm (16 mil) with liner and 0.22 mm (9 mil) without liner, for cutting	
	Roll outer diameter	Maximum 180 mm (7 in.)	
	Roll weight	Maximum 30 kg (66 lb.)	
	Core diameter	50.8 mm or 76.2 mm (2 in. or 3 in.)	
	Type	Exclusive ECO-SOL MAX™ INK cartridges	
	Capacity	Choose from 440 or 220 cc cartridges +/- 5 cc each	
	Color	Four colours - Cyan, Magenta, Yellow, Black	
Printing resolution		Max. 1440 dpi	
Setting range for the heater temperature		30 to 50°C (86 to 122°F)	
Distance accuracy (when cutting) (*3)	Pre-heater	30 to 50°C (86 to 122°F)	
	Dryer	Error of less than +/- 0.4% of distance traveled, or +/- 0.3 mm, whichever is greater. When distance correction ([CALBRATION] -[CUTTING ADJ.]) has been performed: error of less than +/- 0.2 % of distance preformed, or +/- 0.1mm, whichever is greater.	

MODEL		VersaCMM SP-540i
Distance Accuracy (when printing) (*2)(*3)		Error of less than $\pm 0.3\%$ of distance traveled, or $\pm 0.3$ mm, whichever is greater
Cutting Speed		10 to 300 mm/s
Blade force		30 to 300 gf
Blade offset compensation		0 to 1.5 mm (0 to 0.059 in)
Software resolution (when cutting)		0.025 mm/step
Repetition accuracy (when cutting) (*3) (*4)		0.1 mm or less (excluding stretching/contraction of the media)
Alignment accuracy for printing and cutting (*3) (*5)		$\pm 0.5$ mm or less
Alignment accuracy for printing and cutting when reloading media (*3) (*6)		Error of less than $\pm 0.5\%$ of distance traveled, or $\pm 3$ mm, whichever is greater
Media heating system (*7)		Print heater, setting range for the preset temperature: 30 to 45°C (86 to 112°F) Dryer, setting range for the preset temperature: 30 to 50°C (86 to 122°F)
Connectivity		Ethernet (10 BASE-T / 100 BASE-TX, automatic switching)
Power-saving function		Automatic sleep feature (Compliant with the International ENERGY STAR Office Equipment Program)
Power supply	Voltage and frequency	AC 100 to 120 V +/- 10% 50/60 Hz or AC 220 to 240 V +/- 10% 50/61 Hz
Power consumption	Required power capacity	8.8 A (100 to 120 V) or 4.7 A (220 to 241V)
	During operation	Approx. 1,030 W
	Sleep mode	Approx. 14 W
Acoustic noise level	During operation	64 dB (A) or less (according to ISO 7779)
	Standby mode	40 dB (A) or less (according to ISO 7779)
Dimensions (with stand)		2,310 (W) x 740 (D) x 1,125 (H) mm [90.9 (W) x 29.1 (D) x 44.3 (H) in.]
Weight (with stand)		112 kg (247 lb.)
Environment	Power on	Temperature: 15 to 32°C (59 to 90°F) [20°C (68°F) or more recommended], Humidity: 35 to 80%RH (non-condensing)
	Power off	Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80%RH (non-condensing)
Included items		Stand, power cord, blade, blade holder, media clamps, media flanges, replacement blade for separating knife, cleaning kit, software RIP, and user's manual, etc

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

\*2 Using Roland specified media, print travel of 1m, temperature: 25°C (77°F), humidity: 50%RH

\*3 Not assured when the print heater or dryer is used.

\*4 Using Roland specified media, loaded on the shaft, [PREFEED] menu item must be set to "ENABLE," with 25mm or more for both right and left margins and 35mm or more front margin, excluding expansion or contraction of the media.  
VP-540: Media 610mm wide or over and 4,000mm long. Media 610mm wide or less and 8,000mm long. VP-300: media 3,000mm long.

\*5 Provided that media length is under 3,000 mm. Temperature: 25°C (77°F)

Excluding possible shift caused by expansion/contraction of the media and/or by reloading the media.

\*6 Using Roland specified media, data size: 1,000 mm in the media-feed direction, 1,346 mm (VP-540i and SP-540i) or 736 mm (VP-300i and SP-300i) 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." Temperature: 25°C (77°F)

Excludes the influence of misalignment, expansion or contraction of the media.

\*7 Warm-up is required after powerup. 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.