

Specifications

The Roland VersaCAMM VP-300i & VP-540i



Specifications

VP-540i

VP-300i

Width 8.3 to 54 in (210 to 1,371 mm) 7.2 to 30 in (182 to 762 mm) Media Thickness Maximum 1.0 mm (39 mil) with liner, for printing Maximum 0.4 mm (16 mil) for cutting Roll outer diameter Maximum 0.4 mm (16 mil) for cutting Roll weight Maximum 66 lb (30 kg) Maximum 44 lb. (20 kg) Core diameter 2 in (50.8 mm) or 3 in (76.2 mm) Printing/cutting width (*1) Maximum 53 in (1,346 mm) Maximum 29 in (736 mm) Ink cartridges Type Roland ECO-SOL MAX INK Ink cartridges Capacity 220 cc or 440 cc Color Four colors (cyan, magenta, yellow, and black) Printing resolution (dots per inch) Maximum 1,440 dpi Blade force 30 to 300 gf Blade ofree 30 to 300 gf Distance accuracy (when cutting) Error of less than ±0.3% of distance traveled, or ±0.3 mm, whichever is greater Distance accuracy (when cutting) (*3) Error of less than ±0.4% of distance traveled, or ±3.0 mm, whichever is greater Media heating system (*7) Error of less than ±0.5% of distance traveled, or ±3.0 mm, whichever is greater Repeatability (when cutting) (*3) (*4) ±0.1 mm, vinchever is greater Alignment accuracy for	Printing technology		Piezoelectric inkjet		
Media Initial National State Sta	Media	Width	8.3 to 54 in (210 to 1,371 mm)	7.2 to 30 in (182 to 762 mm)	
Interview Maximum 7 in (180 mm) Roll weight Maximum 66 lb. (30 kg) Maximum 44 lb. (20 kg) Core diameter 2 in (50.8 mm) or 3 in (76.2 mm) Printing/cutting with (*1) Maximum 53 in (1.346 mm) Maximum 29 in (736 mm) Image: the second		Thickness			
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Media heating system (*7) 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 to 120 V ±10%, 7.6 A, 50/60 Hz or AC 100 to 120 V ±10%, 5.5 A, 50/60 Hz or Power consumption During operation Approx. 1,030 W Approx. 730 W					
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During operation Approx. 1,030 W Approx. 730 W	Power requirements		Hz or AC 220 to 240 V ±10%, 3.9 A, 50/60	Hz or AC 220 to 240 V ±10%, 2.8 A, 50/60	
	Power consumption				
		Sleep mode	Approx. 17 W	Approx. 17W	



Acoustic noise level	During operation	64 dB (A) or less (according to ISO 7779)	64 dB (A) or less (according to ISO 7779)
	During standby	40 dB (A) or less (according to ISO 7779)	40 dB (A) or less (according to ISO 7779)
Dimensions	With Stand	90.9" (W) x 29.1" (D) x 44.3" (H) [2310mm (W) x 740mm (D) x 1125mm (H)]	66.9" (W) x 29.1" (D) x 44.3" (H) [1700mm (W) x 740mm (D) x 1125mm (H)]
Weight (with stand)		240 lb. (109 kg)	193 lb. (87.5 kg)
Environmental	Power on	Temperature: 59 to 90°F (15 to 32°C); 68°F (20°C) or more recommended], Humidity: 35 to 80% RH (non-condensing)	
	Power off	Temperature: 41 to 104°F (5 to 40°C), 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 Manual	

*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: 77°F (25°C), 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. 3,000mm long. The second secon

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

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-540) or 736 mm (VP-300) 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: 77°F (25°C)

(Excludes the influence of misalignment, slant, expansion or contraction of the media)

*7 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.

