**Roland**

## Specifications

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

| Specifications | VP-540i | VP-300i |
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| | | VP-540i | VP-300i |
|---|---|---|---|
| Printing technology | | Piezoelectric inkjet | |
| Media | Width | 8.3 to 54 in (210 to 1,371 mm) | 7.2 to 30 in (182 to 762 mm) |
| | Thickness | Maximum 1.0 mm (39 mil) with liner, for printing<br>Maximum 0.4 mm (16 mil) for cutting | |
| | Roll outer diameter | 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 width (*1) | | Maximum 53 in (1,346 mm) | Maximum 29 in (736 mm) |
| Ink cartridges | Type | Roland ECO-SOL MAX INK | |
| | Capacity | 220 cc  or 440 cc | |
| | Color | Four colors (cyan, magenta, yellow, and black) | |
| Printing resolution (dots per inch) | | Maximum 1,440 dpi | |
| Cutting speed | | 10 to 300 mm/s | |
| Blade force | | 30 to 300 gf | |
| Blade offset | | 0 to 0.059 in (0 to 1.5 mm) | |
| Software resolution (when cutting) | | 0.025 mm/step | |
| Distance accuracy (when printing) (*2)(*3) | | 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 ±0.3 mm, whichever is greater<br>When distance correction has been performed (when the setting for [CUTTING<br>MENU] - [CALIBRATION] has been made): Error of less than ±0.2% of distance traveled, or ±0.1 mm, whichever is greater | |
| Repeatability (when cutting) (*3) (*4) | | ±0.1 mm or less | |
| Alignment accuracy for printing and cutting (*3) (*5) | | ±0.5 mm or less | |
| Alignment accuracy for printing and cutting when reloading media (*3) (*6) | | Error of less than ±0.5% of distance traveled, or ±3 mm, whichever is greater | |
| Media heating system (*7) | | Print heater, setting range for the preset temperature: 86 to 112°F  (30 to 45°C)<br>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<br>AC 220 to 240 V ±10%, 3.9 A, 50/60 Hz | AC 100 to 120 V ±10%, 5.5 A, 50/60 Hz or<br>AC 220 to 240 V ±10%, 2.8 A, 50/60 Hz |
| Power consumption | During operation | Approx. 1,030 W | Approx. 730 W |
| | Sleep mode | Approx. 17 W | Approx. 17W |

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| 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 90ºF (15 to 32ºC); 68ºF (20ºC) 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.

*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.

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