

# Take Control by Insourcing.

To succeed in today's competitive business environment, you need to produce quality promotional materials while saving as much time and money as possible. Like many companies, you may be outsourcing your graphics with mixed results. If this is the case, then it's time for a change. Start "insourcing" with a Roland VersaCamm VP-i Series printer/cutter. The VP-i Series is our most advanced VersaCamm line to date and the right choice for your business. With a VersaCamm VP-i, you will enjoy uncompromising 4-color print quality, high speed performance, and automatic printing and contour cutting all in one device. Best of all, you'll be fully equipped to produce the quality labels, posters and other promotional materials your business demands. It's time to take control with the VersaCamm.



# VersaCamm

## VP-540i / VP-300i



# VersaCamm

Roland DG Corporation

## VP-540i / VP-300i



It's Time for a Change.

Specifications		VP-540i	VP-300i
Printing technology	Width	210 to 1,371 mm (8.3 to 54 in.)	182 to 762 mm (7.2 to 30 in.)
	Thickness	Maximum 1.0 mm (39 mil) with liner, for printing	Maximum 0.4 mm (16 mil) with liner and 0.22 mm (9 mil) without liner, for cutting
	Roll outer diameter	Maximum 30 kg (66 lb.)	Maximum 180 mm (7 in.)
	Roll weight	Maximum 30 kg (66 lb.)	Maximum 20 kg (44 lb.)
	Core diameter	50.8 mm or 76.2 mm (2 in. or 3 in.)	Maximum 736 mm (29 in.)
Printing/cutting width <sup>1</sup>	Maximum 1,346 mm (53 in.)	Maximum 736 mm (29 in.)	
Ink cartridges	Type	Exclusive Roland ECO-SOL MAX cartridge	
	Capacity	220 cc or 440 cc	
Printing resolution (dots per inch)	Color	Four colors (cyan, magenta, yellow, and black)	
	Monochrome	Maximum 1,440 dpi	
Cutting speed		10 to 300 mm/s	
Blade force		30 to 300 gf	
Blade offset		0 to 1.5 mm (0 to 0.059 in)	
Software resolution (when cutting)		0.025 mm/step	
Distance accuracy (when printing) <sup>2,3</sup>		Error of less than ±0.3% of distance traveled, or ±0.3 mm, whichever is greater	
Distance accuracy (when cutting) <sup>3</sup>		Error of less than ±0.4% of distance traveled, or ±0.3 mm, 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, whichever is greater	
Repeatability (when cutting) <sup>3,4</sup>		±0.1 mm or less	
Alignment accuracy for printing and cutting <sup>3,5</sup>		±0.5 mm or less	
Alignment accuracy for printing and cutting when reloading media <sup>3,6</sup>		Error of less than ±0.5% of distance traveled, or ±3 mm, whichever is greater	
Media heating system <sup>7</sup>		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 (10BASE-T/100BASE-TX, automatic switching)	
Power-saving function		Automatic sleep feature	
Power requirements	AC	AC 100 to 120 V ±10%, 7.6 A, 50/60 Hz or 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 AC 220 to 240 V ±10%, 2.8 A, 50/60 Hz
	Power consumption	During operation: Approx. 1,030 W Sleep mode: Approx. 17 W	During operation: Approx. 730 W Sleep mode: Approx. 17 W
Acoustic noise level	During operation	64 dB (A) or less	64 dB (A) or less
	During standby	40 dB (A) or less	40 dB (A) or less
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.]	1,700 (W) x 740 (D) x 1,125 (H) mm [66.9 (W) x 29.1 (D) x 44.3 (H) in.]
	Weight (with stand)	112 kg (247 lb.)	89 kg (196 lb.)
Environmental	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		

<sup>1</sup> The length of printing or cutting is subject to the limitations of the program.  
<sup>2</sup> Using Roland specified media, print travel of 1 m, temperature: 25°C (77°F), humidity: 50%RH  
<sup>3</sup> Not assured when the print heater or dryer is used.  
<sup>4</sup> Using Roland specified media, loaded on the shaft. [PREFEED] menu item must be set to "ENABLE" with 25 mm or more for both right and left margins and 35 mm or more front margin, excluding expansion or contraction of the media.  
 VP-540i: Media 610 mm wide or over and 4,000 mm long, Media 610 mm wide or less and 8,000 mm long, VP-300i: media 3,000 mm long.  
<sup>5</sup> 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.  
<sup>6</sup> Using Roland specified media, data size: 1,000 mm in the media-lead direction, 1,346 mm (VP-540i) or 736 mm (VP-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.  
<sup>7</sup> 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.

### Roland VersaWorks System Requirements

Operating system	Windows Vista® Ultimate Service Pack 1 or Business Service Pack 1 (32-bit edition), Windows Vista® Ultimate or Business (32-bit edition), or Windows® XP Professional Service Pack 2 or 3, or Windows® 2000 Service Pack 4
CPU	2.0 GHz or faster Pentium 4 recommended
RAM	1 GB or more recommended (Windows Vista®: 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
Optical drive	DVD-ROM drive

### Automated take-up system

For unattended printing, an optional take-up system supports media rolls for VP-540i and VP-300i.  
**TU2-54 (for VP-540i)**  
**TU2-30 (for VP-300i)**



### Options

Model	Description	Model	Description
ECO-SOL MEDIA (for garment heat transfer)	SP-SG-1270TR PET semi gloss, removable adhesive, 1270 mm x 30 m (50' x 98ft) SP-SG-1270G PET semi gloss, gray adhesive, 1270 mm x 30 m (50' x 98ft) SPVCB-1270 PVC banner, 1270 mm x 20 m (50' x 65ft) SFPLF-1300 Backlit film, 1300 mm x 30 m (51' x 98ft) SV-G-1270G Gray adhesive vinyl, 1270 mm x 30 m (50' x 98ft) SV-G-610G Gray adhesive vinyl, 610 mm x 30 m (24' x 98ft)	ECO-SOL MEDIA (for garment heat transfer)	SCM-TTHH-25-750 Garment heat transfer, 750 mm x 25 m (29' x 82ft) HTSP-10-500 Special silicon paper for matte finish, 500 mm x 10 m (19.68' x 32.8ft) HTTA-25-500 Application film, 500 mm x 25 m (19' x 82ft) ESLS-4MG Magenta, 440 cc ESLS-4YE Yellow, 440 cc ESLS-4CY Cyan, 440 cc ESLS-4BK Black, 440 cc ESLS-4MG Magenta, 220 cc ESLS-4YE Yellow, 220 cc ESLS-4CY Cyan, 220 cc ESLS-4BK Black, 220 cc
ECO-SOL MEDIA (for banners, posters, POPs and vehicle graphics, etc.)	SCM-GPPG-40-127 White glossy photo paper, 1270 mm x 40 m (50' x 131ft) SCM-GPPG-40-762 White glossy photo paper, 762 mm x 40 m (30' x 131ft) SCM-GPPG-50-914 White glossy photo paper, 914 mm x 50 m (35' x 164ft) SCM-GVWG-40-137 Calendered White Vinyl, adhesive, 1370 mm x 40 m (53' x 131ft) SCM-GVWG-40-762 Calendered White Vinyl, adhesive, 762 mm x 40 m (30' x 131ft) SP-CL-1000T Clear PET film, adhesive, 1000 mm x 20 m (39' x 65ft) SP-CL-515T Clear PET film, adhesive, 515 mm x 20 m (20' x 65ft) ESP-CL-1300 Clear PET film, 1300 mm x 30 m (51' x 98ft) SCM-GPPM-40-127 Photo mat paper, 1270 mm x 40 m (50' x 131ft) SCM-GPPM-50-762 Photo mat paper, 762 mm x 50 m (30' x 164ft)	ECO-SOL MAX INK	ESL3-4BK Black, 440 cc ESL3-4MG Magenta, 220 cc ESL3-4YE Yellow, 220 cc ESL3-4CY Cyan, 220 cc ESL3-4BK Black, 220 cc
ECO-SOL MEDIA (for decals)	SCM-GSPET-40-500 Glossy gold PET, adhesive, 500 mm x 40 m (19' x 131ft) SCM-GSPET-40-500 Glossy silver PET, adhesive, 500 mm x 40 m (19' x 131ft) SCM-GSPVC-40-610 Glossy gold vinyl, adhesive, 610 mm x 40 m (24' x 131ft) SCM-GSPVC-40-610 Glossy silver vinyl, adhesive, 610 mm x 40 m (24' x 131ft) SP-M-1270 Matte PET film, 1270 mm x 30 m (50' x 98ft) SP-M-610 Matte PET film, 610 mm x 30 m (24' x 98ft) SP-SG-610G Semi-glossy PET, gray adhesive, 610 mm x 30 m (24' x 98ft) SP-SG-610TR Semi-glossy PET, removable adhesive, 610 mm x 30 m (24' x 98ft)	Cleaning liquid	SL-CL 1 pc.
		Blades	ZEC-U5022 For thick, reflective and fluorescent vinyl, 2pcs. ZEC-U5025 For thick, reflective and fluorescent vinyl, 5pcs.
		Blade holders	XD-CH3 Blade holder with blade extension adjuster, made of resin XD-CH2 Blade holder with blade extension adjuster, made of aluminum
		Automated take-up system	TU2-54 For VP-540i, rolls up to 30 kg (66.1 lb.) <sup>1</sup> Can only be used during printing TU2-30 For VP-300i, rolls up to 30 kg (66.1 lb.) <sup>1</sup> Can only be used during printing TUC-2 Controller for TU2-54 and TU2-30 take-up systems

<sup>1</sup> VP-300i can load a media roll weighing up to 20 kg (44 lb.)

Roland DG products that feature this environmental label meet the company's criteria for environmental consciousness. A set of standards based on ISO 14021 self-declaration type II. For more information, please visit [www.rolanddg.com](http://www.rolanddg.com).

**ISO 14001:2004 and ISO 9001:2000 Certified**  
 Roland pursues both environmental protection and continuous quality improvement. Under the philosophy of preserving the environment and human health, Roland is actively working to abolish organic solvents in production, to reduce and recycle waste, to reduce power use, and to purchase recycled products. Roland constantly strives to provide the most highly reliable products available.

Roland reserves the right to make changes in specifications, materials or accessories without notice. Your actual output may vary. For optimum output quality, periodic maintenance to critical components may be required. Please contact your Roland dealer for details. No guarantee or warranty is implied other than expressly stated. Roland shall not be liable for any incidental or consequential damages, whether foreseeable or not, caused by defects in such products. Roland Intelligent Pass Control is a registered trademark of Roland DG Corporation in EU. Adobe, PostScript, PostScript 3 and the PostScript logo are trademarks of Adobe Systems Incorporated. All other trademarks are the property of their respective owners. Roland DG Corp. has licensed the MMP technology from the TPL Group.



**AUTHORIZED DEALER:**

Printed in Japan. RDG-416070599 '09 MAR. E-3 G-S

[www.rolanddg.com](http://www.rolanddg.com)



## ► Save Time and Money

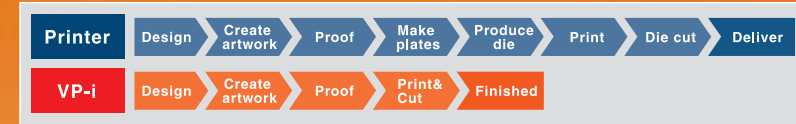
Look at this print quality. It's just like we ordered it from a professional printer. Now we can take care of rush jobs, too, while saving money.

At meetings, we can display and review the quality of our graphics. Now, with a VersaCAMM VP-i, we can present more ideas than ever.

We can print as many or as few items as we need, all while saving valuable time and money. There is no additional cost to die cut our labels and stickers, either!



■ Compare workflows: VP-i versus traditional printer



■ Producing the strawberry jam decals pictured above  
100 units total, label size: 83 x 68 mm (3.27" x 2.68")

Amount of media used	Amount of ECO-SOL MAX ink used	Print&Cut time
1270 (W) x 600 mm (D) 50" (W) x 23.62" (D)	3,232 cc [CY: 0.285 cc + MG: 0.938 cc +YE: 1.061 cc + BK: 0.948 cc]	14 minutes and 50 seconds

Conditions: Roland certified media, SV-G-1270G (gray adhesive vinyl).  
Used VP-540i with Roland VersaWorks, standard print mode with B-direction.

## ► Clearer Communication

Can you make this label darker and give it a more unique shape? It's nice to be able to review and modify designs so quickly and easily!

It's just about ready! The included RIP software is highly intuitive, making changes and corrections easy. Anyone can learn to use it, so why don't you give it a try next time?



We can reproduce spot colors with total accuracy using the Roland Color System Library. We used to spend a lot of time adjusting color with our printer, but not anymore.

## ► Better, More Creative Ideas



Add the richness of rhinestone decorations to your heat-transfer apparel with a Roland EXG Series engraver and R-WearStudio design software.

Using Variable Data Printing, we can quickly produce custom labels and stickers including both the names of our winners and serialized numbers. We can also create staff ID badges that display each staff member's photo and name.

I am designing various new logos for the event. We can quickly check to see if the colors match our staff uniforms.

We can use these graphics for posters and also wrap the company cars with them to promote the business.

How about offering the first 100 customers bottles of wine with our original labels?

With the VP-i's automatic Print&Contour cut capabilities, there are no more problems cutting with scissors or a utility knife. I want to create everything I can imagine with the VP-i.

### Bring your Promotional Activities to Life

The VersaCAMM VP-i is highly versatile for an endless range of applications. With just one device, you can produce decals, labels, stickers, posters, POP, vehicle wraps, heat transfers for apparel decoration and other promotional items of any size, on demand for both indoor and durable outdoor display. Use a wide variety of media, including adhesive-back vinyl, banner, paper, film, tarpaulin and heat transfer paper.

### Achieve Professional Quality Results without Any Special Skills

With the VersaCAMM VP-i, you can achieve professional quality results even without any previous experience. Roland Intelligent Pass Control® technology automatically delivers the smooth gradations and flawless solid colors you require. The VersaCAMM VP-i also increases your productivity by a full 80 percent over the previous model.\* ECO-SOL MAX ink produces vivid colors and captures the most subtle gradations for beautiful graphics.

\*Increased to 9.4 m<sup>2</sup>/hr (101.2 sqft/hr) on banner and 8 m<sup>2</sup>/h (86.1 sqft/hr) on vinyl in standard print mode, compared to 5.2 m<sup>2</sup>/hr (55.98 sqft/hr) on banner and vinyl without Roland Intelligent Pass Control



### Enjoy the Versatility of Printing and Digital Die-Cutting – All in One Device

With the VP-i Series, it's easy to create graphics in unique, custom shapes that add value and attract attention. Using Adobe Illustrator, you can easily draw contour cut lines in virtually any shape around your graphics. The VersaCAMM will automatically print and cut your designs. Roland DG pioneered Print&Cut technology and today more than 73,000 Roland printer/cutters have been sold worldwide\* making Roland the number one brand of Print&Cut inkjet devices.

\*The number of installed units as of February 27, 2009.



### Intuitive Roland Operation Software Included

The VP-i Series comes with VersaWorks, our own RIP software for professional print quality. VersaWorks features the Roland Color System to accurately reproduce the spot colors you select from Roland Color charts and swatch books. Variable Data Printing makes it easy to create a series of individualized prints based on one template, with each print featuring its own photos, messages, numbers and names. You can also update your software automatically through the Internet.



### Easy to Use and Designed with Your Office in Mind

The VersaCAMM VP-i is as easy to operate as any other equipment in your office. Its compact footprint is designed to fit comfortably into your office environment. ECO-SOL MAX inks come in easy-handling sealed cartridges and are virtually odor free. You also get legendary Roland reliability and world-class service and support, including training through Roland workshops and seminars.



54" **VP-540i**  
54" (1371 mm) wide 4-Color (CMYK)  
ECO-SOL MAX Inkjet Printer/cutter

30" **VP-300i**  
30" (762 mm) wide 4-Color (CMYK)  
ECO-SOL MAX Inkjet Printer/cutter

# VersaCAMM

(VP-i Series)