

 Roland®

VersaCAMM
Roland DG Corporation
VP-540/VP-300

VersaCAMM



Designed for Creativity





Vivid Color and Outstanding Print Quality



Banners and Posters



Durable Outdoor Signs and Billboards



Vehicle and Window Graphics



Backlit Signs



Floor Graphics

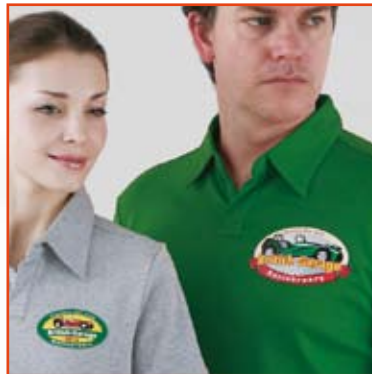


POP

Promotional Items to Spice Up Special Events



ID and Membership Cards



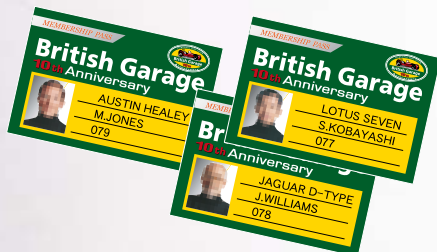
Heat Transfer for Apparel



Key Rings

With a doming kit, you can quickly add value to your printed products while increasing your profits.

Variable Data Printing allows you to efficiently create a series of signs, labels, ID cards, serial number stickers and much more in which text and/or graphics change from one print to the next. Variable data printing is a great tool for customizing photos, sales messages, numbers and names.



For Tracking Products Safety Signs



Serial Number Labels



Versatile

VersaCAMM is the perfect partner for a wide range of custom graphics applications including signs, banners, decals, labels, posters, point-of-purchase displays, vehicle graphics, apparel decoration and more.

Expanded media support means you can choose from hundreds of options including adhesive-back vinyl, banner, paper, film, tarpaulin, and heat transfer paper.

**Print
& Cut**



Productive

The VP Series is our fastest and most powerful VersaCAMM model to date, featuring four print heads for maximum print speed and a host of advanced productivity tools. VersaCAMM streamlines the production process by automatically contour cutting printed graphics.

For unattended printing, VersaCAMM VPs feature a new heavy-duty optional take-up system supporting media rolls weighing up to 30kg (66lbs.) for the VP-540 and up to 20kg (44lbs.) for VP-300. New media flanges hold even the heaviest rolls in place for accurate media feeding through even the longest production runs. ECO-SOL MAX ink dries quickly and offers superior durability and scratch resistance along with brilliant color.



ECO-SOL MAX

Intelligent

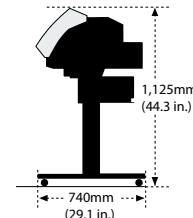
Because it's a Roland, VersaCAMM is easy to set up and friendly to operate. In fact, the VersaCAMM VP was designed from the ground up to inspire and realize your full creative potential. The LED panel provides a simplified command menu for operations like cleaning, test printing, setting origin point and implementing user-defined printing conditions.

Media setup is easy as well with eight media presets for print & cut, cutting and heater temperature. Presets can be programmed easily and accessed at the touch of a button. Included VersaWorks RIP software gives creative professionals expanded possibilities with variable data printing for quick and easy customized prints and Roland Color spot color fidelity system delivering a perfect color match every time.



Efficient

VersaCAMM VP features a new, compact design ideal for virtually any office environment. The VersaCAMM VP is also easy to maintain and operate. An automated cleaning system means you can immediately begin printing — even if the machine has been idle for an extended period of time. Sealed ink cartridges keep your environment and hands clean. Robust construction ensures trouble-free operation year after year. And with VersaCAMM, you get legendary Roland reliability and world-class service and support including training through Roland workshops and seminars.



54" **VP-540**



30" **VP-300**



Designed for Creativity

VersaCAMM (VP Series)

Versatile

Intelligent

Productive

Efficient

Power Your Creativity to New Heights

The Most Powerful Creative Production Partner in Its Class

Introducing the VersaCAMM VP Series, the world's most versatile, reliable and easy-to-use printer/cutter. Roland's industry-leading technology combines superb four-color inkjet printing with precision contour cutting for flawless results every time. With the VP series, you will enjoy all the performance features, ease of use and affordability that have made VersaCAMM the number one printer/cutter worldwide.



Designed for Creativity



ISO 14001 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 DG is actively working to abolish organic solvents in production, to reduce and recycle waste, to reduce power use, and to purchase recycled products. Roland DG 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. All trademarks are the property of their respective owners.

Printed in Belgium. RDG-BNL-2007-04-03



AUTHORIZED DEALER:

www.rolanddg.eu

Specifications

Model		VP-540	VP-300
Printing technology		Piezoelectric inkjet	
Media	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 180 mm (7 in.)	
	Roll weight	Maximum 30 kg (66 lb.)	Maximum 20 kg (44 lb.)
	Core diameter	50.8 mm (2 in.) or 76.2 mm (3 in.)	
Printing/cutting width (*1)		Maximum 1,346 mm (53 in.)	Maximum 736 mm (29 in.)
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 1.5 mm (0 to 0.059 in)	
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 When distance correction has been performed (when the setting for [CALIBRATION] - [CUTTING ADJ.] 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: 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 100 to 120 V ± 10 %, 8.3 A, 50/60 Hz or AC 220 to 240 V ± 10 %, 4.3 A, 50/60 Hz	AC 100 to 120 V ± 10 %, 5.8 A, 50/60 Hz or AC 220 to 240 V ± 10 %, 3.0 A, 50/60 Hz
Power consumption	During operation	Approx. 1,110 W	Approx. 780 W
	Sleep mode	Approx. 34 W	Approx. 33 W
Acoustic noise level	During operation	64 dB (A) or less (according to ISO 7779)	
	During standby	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.]	1,700 (W) x 740 (D) x 1,125 (H) mm [66.9 (W) x 29.1 (D) x 44.3 (H) in.]
	With ink-cartridge tray and stand	2,310 (W) x 1,000 (D) x 1,125 (H) mm [90.9 (W) x 39.4 (D) x 44.3 (H) in.]	1,700 (W) x 1,000 (D) x 1,125 (H) mm [66.9 (W) x 39.4 (D) x 44.3 (H) in.]
Weight (with stand)		109 kg (240 lb.)	87.5 kg (193 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, ink-cartridge tray, blade, blade holder, media clamps, media flanges, replacement blade for separating knife, cleaning kit, software RIP, and user's manual, etc.	

- The length of printing or cutting is subject to the limitations of the program.
- Using Roland specified media, print travel of 1m, temperature: 25 °C (77 °F), humidity: 50 %RH
- Not assured when the print heater or dryer is used.
- 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-540: Media 610 mm wide or over and 4,000 mm long. Media 610 mm wide or less and 8,000 mm long. VP-300: media 3,000 mm long.
- 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.
- 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: 25 °C (77 °F). Excludes the effects of slanted movement and of expansion and contraction of the media.
- 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® XP Professional Service Pack, 1 or later, or Windows® 2000 Service Pack 4 or later
CPU	Pentium 4 2.0 GHz or faster recommended
RAM	1 GB or more recommended
Free hard-disk space	40 GB or more recommended

Options

* VP-300 can load a media roll weighing up to 20 kg (44 lb.)

	Model	Description		Model	Description
ECO-SOL MEDIA (for Signage)	SPVCB-1270	PVC banner, 1270 mm x 20 m (50" x 65')	ECO-SOL MEDIA (for Garment Heat Transfer)	SCM-TTRH-25-750	Garment heat transfer material, 750 mm x 25 m (29.52" x 82 ft)
	SP-SG-1270G	PET semi gloss, gray adhesive, 1270 mm x 30 m (50" x 98')		HTSP-10-500	Special silicon paper for matte finish, 500 mm x 10m (19.68" x 32.8 ft)
	SP-SG-1270TR	PET semi gloss, removable adhesive, 1270 mm x 30 m (50" x 98')		HTTA-10-500	Application film, 500 mm x 10 mm (19.68" x 32.8 ft)
	SP-M-1270	Matte PET film, 1270 mm x 30 m (50" x 98')		ESL3-4MG	Magenta, 440 cc
	SFPLF-1300	Backlit film, 1300 mm x 30 m (51-1/8" x 98')		ESL3-4YE	Yellow, 440 cc
	SCM-GBMW-50-1180	Polyethylene banner, 1180 mm x 50 m (46-7/16" x 164')		ESL3-4CY	Cyan, 440 cc
	SCM-GPPG-50-914	White glossy photo paper, 914 mm x 50 m (36" x 164')		ESL3-4BK	Black, 440 cc
	SCM-GPPG-50-1270	White glossy photo paper, 1270 mm x 50 m (50" x 164')		ESL3-MG	Magenta, 220 cc
	SCM-GGPET40-500	Polyester gold gloss film, adhesive, 500 mm (19.68") x 40 m (131.23 ft)		ESL3-YE	Yellow, 220 cc
	SCM-GSPET40-500	Polyester silver gloss film, adhesive, 500 mm (19.68") x 40 m (131.23 ft)		ESL3-CY	Cyan, 220 cc
ECO-SOL MEDIA (for Decals)	SCM-GGPVC-40-610	PVC monomeric gold film, adhesive, 610 mm (24.01") x 40 m (131.23 ft)	ECO-SOL MAX INK	ESL3-BK	Black, 220 cc
	SCM-GSPVC-40-610	PVC monomeric silver film, adhesive, 610 mm (24.01") x 40 m (131.23 ft)		ZEC-U5022	For thick, reflective and fluorescent vinyl, 2pcs.
	SP-M-610	Matte PET film, 610 mm (24.01") x 30 m (98.42 ft)		ZEC-U5025	For thick, reflective and fluorescent vinyl, 5pcs.
	SP-SG-610G	Gray adhesive, 610 mm (24.01") x 30 m (98.42 ft)		Blades	
	SP-SG-610TR	Removable adhesive, 610 mm (24.01") x 30 m (98.42 ft)		XD-CH3	Blade holder with blade extension adjuster, made of resin
				Automated take-up system	
				TU2-54	For VP-540, rolls up to 30 kg (66 lb.) Can only be used during printing
				TU2-30	For VP-300, rolls up to 30 kg (66 lb.)* Can only be used during printing