Specifications

		VP-540i	SP-540i	VP-300i	SP-300i
Printing technology		Piezoelectric inkjet		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.)		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.)		50.8 mm or 76.2 mm (2 in. or 3 in.)	
Printing/cutting width [*1]		Maximum 1,346 mm (53 in.)		Maximum 736 mm (29 in.)	
Ink cartridges	Types	Exclusive Roland ECO-SOL MAX or FPG2 Aqueous Ink	Exclusive Roland ECO-SOL MAX	Exclusive Roland ECO-SOL MAX or FPG2 Aqueous Ink	Exclusive Roland ECO-SOL MAX
	Capacity	220 cc or 440 cc		220 cc or 440 cc	
	Colors	Four colors (cyan, magenta, yellow, and black)		Four colors (cyan, magenta, yellow, and black)	
Printing resolution (dots per inch)		Maximum 1,440 dpi		Maximum 1,440 dpi	
Cutting speed		10 to 300 mm/s		10 to 300 mm/s	
Blade force		30 to 300 gf		30 to 300 gf	
Blade offset		0 to 1.5 mm (0 to 0.059 in)		0 to 1.5 mm (0 to 0.059 in)	
Software resolution (when cutting)		0.025 mm/step		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 [CUTTING MENU] - [CALIBRATION] has been made): Error of less than ±0.2% of distance traveled, or ±0.1 mm, whichever is greater			
Repetition accuracy (when cutting) [*3 *4]		±0.1 mm or less		±0.1 mm or less	
Alignment accuracy for printing and cutting [*3 *5]		±0.5 mm or less		±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		Automatic sleep feature	
Power requirements		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		Approx. 730 W	
	Sleep mode	Approx. 14 W		Approx. 14 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.			

*1 The length of printing or cutting is subject to the limitations of the program.   *2 Using Roland specified media, print travel of 1 m, 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 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.
*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.

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 (2 GB or more recommended for Windows Vista®)
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, VP-300i, SP-540i and SP-300i.

TU2-54 (for VP-540i/SP-540i)
TU2-30 (for VP-300i/SP-300i)   Photo: VP-540i with optional TU2-54

Options

	Model	Description		Model	Description
ECO-SOL MAX Media (for banners, posters, POPs and vehicle graphics, etc.)	SP-SG-1270TR	PET semi gloss, removable adhesive, 1270 mm x 30 m (50" x 98')	FPG2 Aqueous Ink Media	YP2-M-1270	Synthetic paper with matt surface, 1270 mm x 50 m (50" x 164')
	SP-SG-1270G	PET semi gloss, gray adhesive, 1270 mm x 30 m (50" x 98')		YP2-M-1065	Synthetic paper with matte surface, 1065 mm x 30 m (41.92" x 98')
	SPVCB-1270	PVC banner, 1270 mm x 20 m (50" x 65')		PHSP2-1100	Photo grade semi gloss paper, 1100 mm x 30 m (43.25"x 100')
	SFPLF-1300	Backlit film, 1300 mm x 30 m (51" x 98')		PET2-G1320	PET sheet with gloss surface, 1320 mm x 20 m (52" x 66')
	SV-G-1270G	Gray adhesive vinyl, 1270 mm x 30 m (50" x 98')	ECO-SOL MAX INK	ESL3-4MG	Magenta, 440 cc
	SV-G-610G	Gray adhesive vinyl, 610 mm x 30 m (24" x 98')		ESL3-4YE	Yellow, 440 cc
	SCM-GPPG-40-127	White glossy photo paper, 1270 mm x 40 m (50" x 131')		ESL3-4CY	Cyan, 440 cc
	SCM-GPPG-40-762	White glossy photo paper, 762 mm x 40 m (30' x 131')		ESL3-4BK	Black, 440 cc
	SCM-GPPG-50-914	White glossy photo paper, 914 mm x 50 m (35' x 164')		ESL3-MG	Magenta, 220 cc
	SCM-GVWG-40-137	Calendered White Vinyl, adhesive, 1370 mm x 40 m (53" x 131')		ESL3-YE	Yellow, 220 cc
	SCM-GVWG-40-762	Calendered White Vinyl, adhesive, 762 mm x 40 m (30" x 131')		ESL3-CY	Cyan, 220 cc
	SP-CL-1000T	Clear PET film, adhesive, 1000 mm x 20 m (39' x 65')		ESL3-BK	Black, 220 cc
	SP-CL-515T	Clear PET film, adhesive, 515 mm x 20 m (20" x 65')		SL-CL	Cleaning liquid, 1 pc.
	ESP-CL-1300	Clear PET film, 1300 mm x 30 m (51" x 98')	Aqueous Pigment FPG2 Ink	FPG2-MG	Magenta, 220 cc
	SCM-GPPM-40-127	Photo mat paper, 1270 mm x 40 m (50" x 131')		FPG2-YE	Yellow, 220 cc
	SCM-GPPM-50-762	Photo mat paper, 762 mm x 50 m (30' x 164')		FPG2-CY	Cyan, 220 cc
ECO-SOL MAX Media (for decals)	SCM-GGPET-40-500	Glossy gold PET, adhesive, 500 mm x 40 m (19' x 131')		FPG2-BK	Black, 220 cc
	SCM-GSPET-40-500	Glossy silver PET, adhesive, 500 mm x 40 m (19' x 131')		CJ-CL	Cleaning liquid, 1 pc.
	SCM-GGPVC-40-610	Glossy gold vinyl, adhesive, 610 mm x 40 m (24' x 131')	Blades	ZEC-U5022	For thick, reflective and fluorescent vinyl, 2pcs.
	SCM-GSPVC-40-610	Glossy silver vinyl, adhesive, 610 mm x 40 m (24' x 131')		ZEC-U5025	For thick, reflective and fluorescent vinyl, 5pcs.
	SP-M-1270	Matte PET film, 1270 mm x 30 m (50' x 98')	Blade holders	XD-CH3	Blade holder with blade extension abjuster, made of resin
	SP-M-610	Matte PET film, 610 mm x 30 m (24' x 98')		XD-CH2	Blade holder with blade extension abjuster, made of aluminum
	SP-SG-610G	Semi-glossy PET, gray adhesive, 610 mm x 30 m (24' x 98')	Automated take-up system	TU2-54	For VP-540i and SP-540i, rolls up to 30 kg (66.1 lb.) Can only be used during printing
	SP-SG-610TR	Semi-glossy PET, removable adhesive, 610 mm x 30 m (24' x 98')		TU2-30	For VP-300i and SP-300i, rolls up to 30 kg (66.1 lb.)*1 Can only be used during printing
ECO-SOL MAX Media (for garment heat transfer)	SCM-TTRH-25-750	Garment heat transfer, 750 mm x 25 m (29' x 82')		TUC-2	Controller for TU2-54 and TU2-30 take-up systems
	HTSP-10-500	Special silicon paper for matte finish, 500 mm x 10 m (19.68" x 32.8')			*1 VP-300i and SP-300i can load a media roll weighing up to 20 kg (44 lb.)
	HTTA-25-500	Application film, 500 mm x 25 m (19" x 82')			

Roland®

AUTHORIZED DEALER:

Printed in Japan. RDG-416074499 '09 SEP. E-3 G-S

Imagine.
Roland®

VersaCAMM
Roland DG Corporation

VP-540i / VP-300i SP-540i / SP-300i

It's Time for a Change.

DVE Digital Value Engineering

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 Series
printer/cutter, the right choice for your business.
With a VersaCAMM, 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

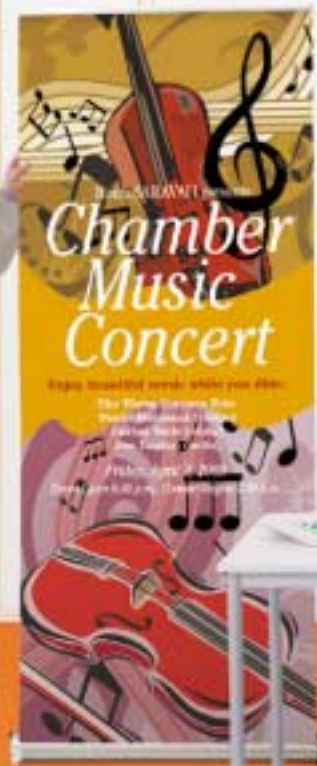# Save Time and Money

Improve Communication

Bring your Promotional Activities to Life

The VersaCAMM Series 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. Now there are two VersaCAMM lines available: the VP-i series for higher productivity and SP-i, our lower-priced entry-level models. Choose one that best fits your business demands.

Achieve Professional Quality Results without Any Special Skills

With the VersaCAMM, 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. It also increases your productivity. The VersaCAMM VP-i series is a full 80 percent faster than the previous model in standard mode.*[1] New environmentally-friendly FPG2 aqueous ink is also available for the VP-540i/300i.*[2] ECO-SOL MAX ink produces vivid colors for durable graphics. FPG2 inks are ideal color reproduction such as photorealistic graphics.

*[1] Increased to 9.4 m²/hr (101.2 sqft/hr) on banner and 8 m²/h (86.1 sqft/hr) on vinyl in standard print mode, compared to 5.2 m²/hr (55.98 sqft/hr) on banner and vinyl without Roland Intelligent Pass Control
*[2] Ink type (either FPG2 or ECO-SOL MAX) must be selected at the time of purchase.

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

With VersaCAMM, 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. 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

Every VersaCAMM 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. In addition, VersaWorks estimates the ink usage and print time for each graphic so you can accurately monitor your time and costs. You can also update your software automatically through the Internet.

Banners and Posters

ID and Membership Cards

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

POP

Product Decals

Heat Transfers for Apparel

Vehicle Graphics

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?

Backlit Signs

With the VersaCAMM'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 VersaCAMM.

Floor Graphics

Easy to Use and Designed with Your Office in Mind

VersaCAMM is as easy to operate as any other equipment in your office. Its compact footprint is designed to fit comfortably into your office environment. Both ECO-SOL MAX and FPG2 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.

Roland DG Academy   Roland DG Creative Center

■ Compare workflows: VersaCAMM versus traditional printer

Printer	Design	Create artwork	Proof	Make plates	Produce die	Print	Die cut	Deliver

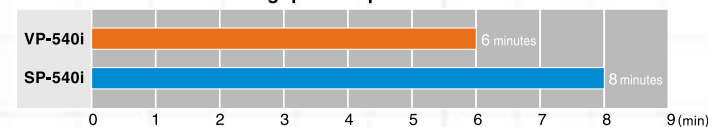| VersaCAMM	Design	Create artwork	Proof	Print& Cut	Finished

■ Producing the strawberry jam decals shown here with a VP-540i
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 with Roland VersaWorks, standard print mode with Bi-direction.

■ VersaCAMM Series throughput comparison

VP-540i — 6 minutes
SP-540i — 8 minutes

0 1 2 3 4 5 6 7 8 9 (min)

Job description: Poster in A2 size (16.5" x 24.3") on PVC media.
Printed with ECO-SOL MAX Ink and Roland VersaWorks in standard print mode with Bi-direction.

VersaCAMM Series

VP-540i/300i Our Most Advanced VersaCAMM Line to Date Featuring Both High Speed and Quality Performance

54" VP-540i 54"(1371mm) wide 4-Color (CMYK) ECO-SOL MAX/FPG2 Inkjet Printer/cutter

30" VP-300i 30"(762mm) wide 4-Color (CMYK) ECO-SOL MAX/FPG2 Inkjet Printer/cutter
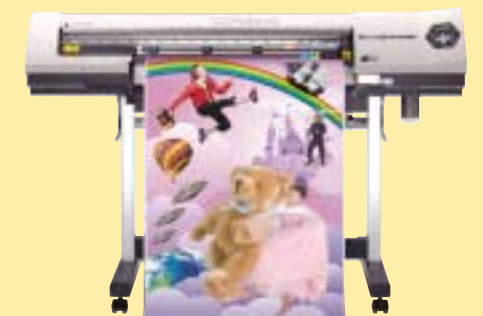
Features

- CMYK – four colors with 4 printheads
- Choose from two types of inks: ECO-SOL MAX ink and FPG2 aqueous inks
- High productivity and professional quality results
- Print, Cut, and Print & Digitally die-cut – three ways in one device
- VP-540i offers two selectable printhead heights to match the thickness of your media
- Handles media rolls up to 30kg (66 lbs.) for VP-540i and 20kg (44 lbs.) for VP-300i
- Powerful Roland VersaWorks RIP software included
- Roland Eco Label and Energy Star Program certified
- Roland reliability and world-class service and support

Choose from: Eco-Solvent Ink / Aqueous Ink

Roland Intelligent Pass Control

Print & Cut

Adobe PostScript 3

SP-540i/300i Featuring a Lower Initial Investment While Maintaining High Quality Performance

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

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

Features

- CMYK – four colors with 2 printheads
- Designed exclusively for Roland ECO-SOL MAX ink
- Lower initial investment while providing reliable production with professional quality – most suitable for production 50m² or less per day
- 1.5 times faster than the previous SP model in standard print mode
- Print & digitally die-cut on one device
- Handles media rolls up to 30kg (66 lbs.) for SP-540i and 20kg (44 lbs.) for SP-300i
- Powerful yet easy-to-use Roland VersaWorks RIP software included
- Roland Eco Label and Energy Star Program certified
- Roland reliability and world-class service and support

ECO-SOL MAX

Roland Intelligent Pass Control

Print & Cut

Adobe PostScript 3