■Specifications

Model	SP-540V	SP-300V
Printing / Cutting method	Piezo ink-jet method / media-moving method	
Acceptable media widths	210 to 1371 mm (8-5/16 to 54 in.)	182 to 762 mm (7-3/16 to 30 in.)
Printing / Cutting width *1	Maximum 1346 mm (53 in.)	Maximum 736 mm (29 in.)
Ink cartridges — Capacity	220 cc ±5 cc	
Ink cartridges — Color	Four colors (cyan, magenta, yellow, and black)	
Printing resolution (Printing dot resolution)	Maximum 1,440 dpi	
Acceptable tool	Special blade for CAMM-1 series	
Cutting speed	10 to 300 mm/s	
Blade force	30 to 300 gf	
Blade offset compensation	0.000 to 1.500 mm (0 to 0.0591 in.)	
Software resolution (When cutting)	0.025 mm/step (0.000984 in./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	
Repetition accuracy (When cutting) *3*4	±0.1 mm or less	
Repetition between 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 dryer	Heating method, Setting range for the preset temperature: 35 to 50 °C (95 to 122 °F)	
Ink-fixing device	Print heater, Setting range for the preset temperature: 35 to 50 °C (95 to 122 °F)	
Interface	Ethernet (10BASE-T/100BASE-TX, automatic switching)	USB interface (compliant with Universal Serial Bus Specification Revision 1.1)
Power-saving function	Automatic sleep feature (compliant with the International ENERGY STAR® Office Equipment Program)	
Power supply — Voltage and frequency	AC 100 to 120 V ±10 %, 50 / 60 Hz or AC 220 to 240 V ±10 %, 50 / 60 Hz	
Power supply — Required power capacity	8.8 A (100 to 120 V) or 4.7 A (220 to 240 V)	6 A (100 to 120 V) or 3 A (220 to 240 V)
Power consumption — During operation	Approx. 1080 W (100 to 120 V) or 1230 W (220 to 240 V)	Approx. 470 W (100 to 120 V) or 650 W (220 to 240 V)
Power consumption — Sleep mode	Approx. 30 W	Approx. 29 W
Acoustic noise level — During operation	64 dB (A) or less (according to ISO 7779)	
Acoustic noise level — During standby	40 dB (A) or less (according to ISO 7779)	
Dimensions (With stand)	2390 (W) x 800 (D) x 1291 (H) mm (94-1/8 (W) x 31-1/2 (D) x 50-7/8 (H) in.)	1720 (W) x 770 (D) x 1275 (H) mm (67-3/4 (W) x 30-3/8 (D) x 50-1/4 (H) in.)
Weight (With stand)	149 kg (329 lb.)	124 kg (273 lb.)
Packed dimensions	2560 (W) x 830 (D) x 1035 (H) mm (101 (W) x 32-3/4 (D) x 40-3/4 (H) in.)	1890 (W) x 830 (D) x 900 (H) mm (74-1/2 (W) x 32-3/4 (D) x 35-1/2 (H) in.)
Packed weight	200 kg (441 lb.)	161 kg (355 lb.)
Environment — Power on	Temperature: 15 to 32 °C (59 to 90 °F) (20 °C [68 °F] or more recommended), humidity: 35 to 80 % (no condensation)	
Environment — Power off	Temperature: 5 to 40 °C (41 to 104 °F), humidity: 20 to 80 % (no condensation)	
Included items	Stand, power cord, blade, blade holder, replacement blade for separating knife, cleaning kit, software RIP, manuals, etc.	

*1 The length of printing or cutting is subject to the limitations of the program or driver.
*2 Using Roland specified media, print travel of 1m, preset temperature of 25 °C (77 °F), humidity of 50%
*3 Not assured when the print heater or dryer is used.
*4 Provided that media length is under 3000 mm. Temperature: 25 °C (77 °F)
  Excluding possible shift caused by expansion / contraction of the media and / or by reloading the media
*5 Provided that media length is under 3000mm. Temperature: 25 °C (77 °F).
  Excluding possible shift caused by expansion / contraction of the media and / or by reloading the media

*6 Media type: Roland specified media, data size: 1000 mm in the media-feed direction, 1346 mm 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.

■Roland VersaWorks System Requirements

Operating system	Windows® XP Professional Service Pack 1 or later or Windows® 2000 Service Pack 4 or later	RAM	1 GB or more recommended
CPU	Pentium 4 2.0 GHz or faster recommended	Free hard-disk space	40 GB or more recommended

■Options

Category	Code	Description	Category	Code	Description
ECO-SOL MAX MEDIA (for Signage)	SPVCB-1270	PVC banner, 1270 mm x 20 m (50" x 65')	ECO-SOL MAX MEDIA (for Decals)	SP-SG-610G	Gray adhesive, 610 mm (24.01") x 30 m (98.42 ft)
	SP-SG-1270G	PET semi gloss, gray adhesive, 1270 mm x 30 m (50" x 98')		SP-SG-610TR	Removable adhesive, 610 mm (24.01") x 30 m (98.42 ft)
	SP-SG-1270TR	PET semi gloss, removable adhesive, 1270 mm x 30 m (50" x 98')	ECO-SOL MAX MEDIA (for Garment Heat Transfer)	SCM-TTRH-25-750	Garment heat transfer material, 750 mm x 25 m (29.52") x (82 ft)
	SP-M-1270	Matte PET film, 1270 mm x 30 m (50" x 98')		HTSP-10-500	Special silicon paper for matte finish, 500 mm x 10 m (19.68") x (32.8 ft)
	SFPLF-1300	Backlit film, 1300 mm x 30 m (51-1/8" x 98')		HTTA-10-500	Application film, 500 mm x 10 m (19.68" x 32.8 ft)
	SCM-GBMW-50-1180	Polyethylene banner, 1180 mm x 50 m (46-7/16" x 164')	ECO-SOL MAX INK	ESL3-MG	Magenta, 220 cc
	SCM-GPPG-50-914	White glossy photo paper, 914 mm x 50 m (36" x 164')		ESL3-YE	Yellow, 220 cc
	SCM-GPPG-50-1270	White glossy photo paper, 1270 mm x 50 m (50" x 164')		ESL3-CY	Cyan, 220 cc
ECO-SOL MAX MEDIA (for Decals)	SCM-GGPET40-500	Polyester gold gloss film, adhesive, 500 mm (19.68") x 40 m (131.23 ft)		ESL3-BK	Black, 220 cc
	SCM-GSPET40-500	Polyester silver gloss film, adhesive, 500 mm (19.68") x 40 m (131.23 ft)	Blades	ZEC-U5022	For thick, reflective and fluorescent vinyl, 2 pcs.
	SCM-GGPVC-40-610	PVC monomeric gold film, adhesive, 610 mm (24.01") x 40 m (131.23 ft)		ZEC-U5025	For thick, reflective and fluorescent vinyl, 5 pcs.
	SCM-GSPVC-40-610	PVC monomeric silver film, adhesive, 610 mm (24.01") x 40 m (131.23 ft)	Blade Holders	XD-CH3	Blade holder with blade extention abjuster, made of resin
	SP-M-610	Matte PET film, 610 mm (24.01") x 30 m (98.42 ft)	Take-up Rollers	TU-550	For SP-540V
				TU-300	For SP-300V

AUTHORIZED DEALER:

Printed in Japan. RDG-90311 '07 AUG. C-3 G-S

VersaCAMM
Roland DG Corporation

SP-540V & SP-300V
Inkjet Printer/Digital Die-Cutters

Do It All

www.rolanddg.com

VersaCAMM. The Perfect Fit

VersaCAMM is Roland's best-selling integrated print/cut solution and everything you could ask for in a low-cost digital printer. Available in both 30-inch-wide and 54-inch-wide models, VersaCAMM delivers 4-color inkjet printing and precision digital die-cutting in one device. Now you can print and cut a wide variety of applications that last up to three years outdoors without lamination.*

*Three years outdoor durability is based on accelerated weather tests conducted by Roland DG. Results may vary depending upon location and application. Severe applications, such as floor and vehicle graphics, require lamination.

Heat Transfers for Apparel

Banners & Posters

Package Design

Labels, Stickers & Decals

P.O.P. & Window Displays

Cut Vinyl Signage

Vehicle Graphics

VersaCAMM — Roland DG Corporation

54" ECO-SOL MAX Printer/Cutter

SP-540V

30" ECO-SOL MAX Printer/Cutter

SP-300V

ECO-SOL MAX INK — Durable and Safe to Use

ECO-SOL MAX features significant new enhancements including faster drying time, improved scratch resistance, higher density, and wider color gamut with both coated and uncoated substrates. Virtually odorless, ECO-SOL MAX does not require any special ventilation or environmental equipment.

ECO-SOL MAX

Keeping Costs Low

The combination of an integrated heating system and ECO-SOL MAX allows the VersaCAMM to print on a wide variety of commercially available media. Choose from uncoated vinyl and banner materials for lower production costs, or Roland's premium SOL MEDIA, including backlit and glossy paper, for dependable indoor and outdoor use. As always, Roland provides unparalleled support, including printing profiles for the most popular media.

One Complete Solution for Printing & Digital Die-Cutting

Whether you use it as a printer, printer/cutter or stand-alone vinyl cutter, VersaCAMM will provide dependable performance. This three-in-one versatility allows you to handle a wide variety of jobs including even the most complex applications. As a cutter, VersaCAMM digitally die-cuts decals, signs, labels, etc., quickly and precisely. Once an image has been printed, it can be automatically die-cut without having to reload or reposition the media. If lamination is needed, Roland's unique Quadralign® optical registration system automatically generates crop marks at all four corners, allowing you to remove a print, laminate and then reload it for letter perfect die-cutting.
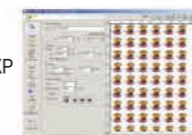
Print & Cut

A Host of Advanced Features

- An automatic sheet cutter for separating output after it has been printed.
- A sensor that produces an audible warning when ink is running low.
- A media tracking system allows you to record media changes and measure the media you have remaining.
- An adjustable print head height for the SP-540V.
- The SP-540V includes five detachable middle pinch rollers, ensuring precision media feeding for quality printing even on heavyweight banner stock.

Roland VersaWorks® — Advanced RIP Software For Your VersaCAMM

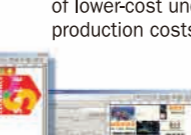Roland's most advanced RIP, VersaWorks, is both incredibly powerful and amazingly easy to use. VersaWorks features an efficient graphical user interface (GUI) that allows users to easily import files from their favorite programs and to maximize their Roland inkjets without a lengthy learning curve. Simply click on buttons to open menus. Drag and drop files to the printer queue. An automatic update feature ensures that you are always working with the latest VersaWorks version and profiles. VersaWorks is compatible with Windows® 2000/XP Professional and Windows Vista™.
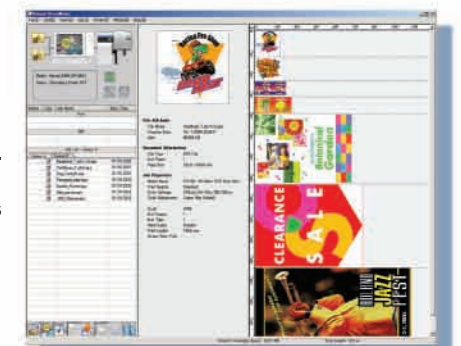
More VersaWorks Features:

- Wide variety of convenient layout functions includes scaling, cropping, rotating, auto layout, tiling and more.
- Built upon the latest Adobe® PostScript® 3™ RIP engine which supports popular software and common file formats such as TIFF, JPEG, EPS, PostScript and PDF 1.5.
- Includes advanced color management features developed exclusively for Roland inkjet printers such as calibration, linearization, software proofing and an ICC Profile Creating Wizard.
- Roland@NET provides automatic updating of software and media profiles, including support for a wide variety of lower-cost uncoated media, resulting in lower overall production costs.

●VersaWorks' main menu

●Multiple copies of single image

●Auto Layout

●Tiling

●Buttons on main menu open most functions.

Adobe PostScript 3