▶▶▶ Specifications		SP-300i	SP-540i
Printing technology		Piezoelectric inkjet	
Media	Width	182 to 762 mm	210 to 1371 mm
	Thickness	Maximum 1.0 mm with liner, for printing Maximum 0.4 mm with liner and 0.22 mm without liner, for cutting	
	Roll outer diameter	Maximum 180 mm	
	Roll weight	Maximum 20 kg	Maximum 30 kg
	Core diameter	50.8 mm or 76.2 mm	
Printing/cutting width (*1)		Maximum 736 mm	Maximum 1346 mm
Ink cartridges	Types	Exclusive Roland ECO-SOL MAX	
	Capacity	220 cc or 440 cc	
	Colours	Four colours (cyan, magenta, yellow, and black)	
Printing resolution (dots per inch)		Maximum 1440 dpi	
Cutting speed		10 to 300 mm/s	
Blade force		30 to 300 gf	
Blade offset		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 travelled, 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 travelled, or ±0.1 mm, whichever is greater	
Repetition accuracy (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 travelled, or ±3 mm, whichever is greater	
Media heating system (*7)		Print heater, setting range for the preset temperature: 30 to 45°C / Dryer, setting range for the preset temperature: 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%, 5.5 A, 50/60 Hz or AC 220 to 240 V ±10%, 2.8 A, 50/60 Hz	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
Power consumption	During operation	Approx. 730 W	Approx. 1030 W
	Sleep mode	Approx. 14W	
Acoustic noise level	During operation	64 dB (A) or less	
	During standby	40 dB (A) or less	
Dimensions	With Stand	1700 (W) x 740 (D) x 1125 (H) mm	2310 (W) x 740 (D) x 1125 (H) mm
Weight (with stand)		89 kg	112 kg
Environmental	Power on	Temperature: 15 to 32°C [20°C or more recommended], Humidity: 35 to 80%RH (non-condensing)	
	Power off	Temperature: 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'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 1m, temperature: 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.
*5 Provided that media length is under 3000 mm. Temperature: 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: 1000 mm in the media-feed direction, 1346cm 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
    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), Windows® XP Professional Service Pack 2 or 3, or Windows® 2000 Service Pack 4
CPU	2.0GHz or faster Pentium 4 recommended
RAM	1 GB or more recommended (2 GB or more recommended for Windows Vista®)
Video card and monitor	A resolution of 1,280 x 1,024 or more recommended
Free hard-disk space	40GB or more recommended
Optical drive	DVD-ROM drive

▶▶▶ Options

ECO-SOL MAX ink	ESL3-4MG	Magenta, 440cc
	ESL3-4YE	Yellow, 440cc
	ESL3-4CY	Cyan, 440cc
	ESL3-4BK	Black, 440cc
	ESL3-MG	Magenta, 220cc
	ESL3-YE	Yellow, 220cc
	ESL3-CY	Cyan, 220cc
	ESL3-BK	Black, 220cc
	SL-CL	Cleaning liquid, 1 pc.
Blades	ZEC-U5025	For thick, reflective and fluorescent vinyl, 3pcs.
Blade Holders	XD-CH3	Blade holder with blade extension adjuster, made of resin
	XD-CH2	Blade holder with blade extension adjuster, made of aluminium
Automated Take-up System	TU2-30 / TU2-54	Rolls up to 30 kg*. Can only be used during printing
	TUC-2	Controller for TU2-30 and TU2-54 take-up system

* SP-300i can load a media roll weighing up to 20 kg

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