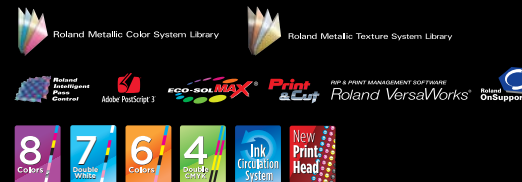




VersaCAMM



Specifications	VS-640	VS-540	VS-420	VS-300	
Printing technology	Piezoelectric inkjet				
Media	Width	210 to 1,625 mm (8.3 to 64 in.)	210 to 1,371 mm (8.3 to 54 in.)	182 to 1,071 mm (7.2 to 42.2 in.)	
	Thickness	Maximum 1.0 mm (39 mil) with liner for printing			
	Roll outer diameter	Maximum 0.4 mm (16 mil) with liner and 0.22mm (9mil) without liner for cutting			
	Roll weight	Maximum 40 kg (88 lb.)	Maximum 30 kg (66 lb.)	Maximum 25 kg (55 lb.)	Maximum 25 kg (55 lb.)
	Core diameter¹	76.2 mm (3 in.) or 50.8 mm (2 in.)			
Printing / cutting width²	Maximum 1,600 mm (63 in.)	Maximum 1,346 mm (53 in.)	Maximum 1,046 mm (41.2 in.)	Maximum 736 mm (29 in.)	
Ink cartridges	Type/Capacity	Roland ECO-SOL MAX INK/220 cc or 440 cc			
	Colors	Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, metallic silver and white), seven colors (cyan, magenta, yellow, black, light cyan, light magenta, white and white), six colors (cyan, magenta, yellow, black, light cyan, and light magenta), or 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 (0.000984 in./step)				
Distance accuracy (when printing)^{3,4}	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				
Repeatability (when cutting)^{3,5}	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				
Alignment accuracy for printing and cutting^{3,6}	±0.1 mm or less				
Alignment accuracy for printing and cutting when reloading media^{3,7}	±0.5 mm or less				
Media heating system⁸	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%, 8.2A, 50/60 Hz or AC 220 to 240 V ±10%, 4.2A, 50/60 Hz	AC 100 to 120 V ±10%, 7.9A, 50/60 Hz or AC 220 to 240 V ±10%, 4.0A, 50/60 Hz	AC 100 to 120 V ±10%, 7.2A, 50/60 Hz or AC 220 to 240 V ±10%, 3.7A, 50/60 Hz	AC 100 to 120 V ±10%, 5.6A, 50/60 Hz or AC 220 to 240 V ±10%, 2.9A, 50/60 Hz	
	Power consumption	During operation Approx. 1,080 W	During operation Approx. 1,050 W	During operation Approx. 960 W	During operation Approx. 740 W
Acoustic noise level	During operation	64 dB (A) or less			
	During standby	41 dB (A) or less			
Environmental	Power on	Temperature: 15 to 32°C (59 to 90°F) [20°C (68°F) or more recommended], Humidity: 35 to 80%RH (no condensing)			
	Power off	Temperature: 5 to 40°C (41 to 104°F), Humidity: 20 to 80%RH (no condensing)			
Dimensions (with stand)	2,575 (W) x 705 (D) x 1,105 (H) mm (101.4 (W) x 27.8 (D) x 43.5 (H) in.)	2,315 (W) x 705 (D) x 1,105 (H) mm (91.2 (W) x 27.8 (D) x 43.5 (H) in.)	2,015 (W) x 705 (D) x 1,105 (H) mm (79.4 (W) x 27.8 (D) x 43.5 (H) in.)	1,705 (W) x 705 (D) x 1,105 (H) mm (67.2 (W) x 27.8 (D) x 43.5 (H) in.)	
Weight (with stand)	130 kg (287 lb.)	120 kg (265 lb.)	105 kg (232 lb.)	90 kg (199 lb.)	
Included items	Stand, power cord, blade, blade holder, media clamps, media holder, replacement blade for separating knife, software RIP, user's manual, etc.				

¹The media holder of this machine is exclusively for media with a paper tube core inner diameter of 3 inches. To use a 2 inch media core, please use the optionally available media flanges. ²The length of printing or cutting is subject to the limitations of the program. ³Using Roland specified media, loaded correctly, temperature: 25°C (77°F), humidity: 50 %RH, all pinch rollers are used, 25 mm or more for both right and left margins and 35 mm or more front margin, excluding expansion or contraction of the media, and all correction and adjustment functions of this machine have been made properly. Not assured when the print heater or dryer is used. ⁴Using Roland specified media, print travel of 1" ±5 (PREFEED) menu item must be set to "ENABLE". 64-inch and 54-inch models, media over 610 mm wide, and 4,000 mm long. Media 610 mm wide or less and 8,000 mm long. 42-inch and 30-inch models, 3,000 mm long. ⁵Provided that media length is under 3,000 mm. Excluding possible shift caused by expansion/contraction of the media and/or by reloading the media. ⁶Using Roland specified media, data size: 1,000 mm in the media-feed direction, 1,600 mm (64-inch model), 1,946 mm (42-inch model), or 736 mm (30-inch model) 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". Excludes the effects of skewed movement and of expansion and contraction of the media. ⁷Warm-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		Option	
Operating system	Windows® 7 Professional/Ultimate (32/64-bit); Windows Vista® Business/Ultimate (32/64-bit); Windows® XP Professional Service Pack 2 or later (32/64-bit)	Automated take-up system	Heater and blower 7-Colors Configurations Indispensable Option
CPU	Core™2 Duo, 2.0 GHz or faster recommended	TU2-64 For VS-640	OndS 640A For VS-640
RAM	2 GB or more recommended	TU2-54 For VS-540	OndS 540A For VS-540
Video card and monitor	A resolution of 1,280 x 1,024 or more recommended	TU2-42 For VS-420	OndS 420A For VS-420
Free hard-disk space	40 GB or more recommended	TU2-30 For VS-300	OndS 300A For VS-300
Hard-disk file system	NTFS format	Application software compatible with Cutting and Print&Cut	
Optical drive	DVD-ROM drive	Adobe® Illustrator® 10, CS, CS2, CS3, CS4, CSS/ CorelDRAW® 11, 12, X3, X4, X5	

Options		Options		
ECO-SOL MAX Media (for banners, posters, POPs and vehicle graphics, etc.)	Model	Description	ECO-SOL MAX INK	
	SFPLF-1300	Backlit film, 1300 mm x 30 m (51' x 98')		
	SV-G-1270G	Gray adhesive vinyl, 1270 mm x 30 m (50' x 98')		
	SV-G-610G	Gray adhesive vinyl, 610 mm x 30 m (24' x 98')		
	SCM-GPPG-40-127	White glossy photo paper, 1270 mm x 40 m (50' x 131')		
	SCM-GPPG-50-914	White glossy photo paper, 914 mm x 50 m (35' x 164')		
	MPP-SG-1067	Semi glossy photo paper, 1067 mm x 30 m (42' x 98')		
	SCM-GVWG-40-137	Calendered White Vinyl, adhesive, 1370 mm x 40 m (53' x 131')		
	SCM-GVWG-40-152	Calendered White Vinyl, adhesive, 1520 mm x 40 m (60' x 131')		
	SP-CL-1000T	Clear PET film, adhesive, 1000 mm x 20 m (39' x 65')		
ECO-SOL MAX Media (for decals)	Model	Description	ECO-SOL MAX INK	
	SP-CL-515T	Clear PET film, adhesive, 515 mm x 20 m (20' x 65')		
	ESP-CL-1300	Clear PET film, 1300 mm x 30 m (51' x 98')		
	SCM-GPPM-40-127	Photo mat paper, 1270 mm x 40 m (50' x 131')		
	SCM-GPPM-50-762	Photo mat paper, 762 mm x 50 m (30' x 164')		
	SCM-GPET-40-500	Glossy gold PET, adhesive, 500 mm x 40 m (19' x 131')		
	SCM-GPET-40-500	Glossy silver PET, adhesive, 500 mm x 40 m (19' x 131')		
	SCM-GPVC-40-610	Glossy gold vinyl, adhesive, 610mm x 40 m (24' x 131')		
	SCM-GPVC-40-610	Glossy silver vinyl, adhesive, 610mm x 40 m (24' x 131')		
	SP-M-1270	Matte PET film, 1270 mm x 30 m (50' x 98')		
ECO-SOL MAX Media (for garment heat transfer)	Model	Description	ECO-SOL MAX INK	
	SP-M-610	Matte PET film, 610 mm x 30 m (24' x 98')		
	SCM-TTRH-25-750	Garment heat transfer, 750 mm x 25 m (29' x 82')		
	HTSP-10-500	Special silicon paper for matte finish, 500 mm x 10 m (19.68' x 32.8')		
	HTTA-25-500	Application film, 500 mm x 25 m (19' x 82')		
ECO-SOL MAX Media (for garment heat transfer)	Model	Description	ECO-SOL MAX INK	
	ESL3-4MG	Magenta, 440cc		
	ESL3-4YE	Yellow, 440cc		
	ESL3-4CY	Cyan, 440cc		
	ESL3-4BK	Black, 440cc		
	ESL3-4LC	Light cyan, 440cc		
	ESL3-4LM	Light magenta, 440cc		
	ESL3-MG	Magenta, 220cc		
	ESL3-YE	Yellow, 220cc		
	ESL3-CY	Cyan, 220cc		
ECO-SOL MAX Media (for garment heat transfer)	Model	Description	ECO-SOL MAX INK	
	ESL3-BK	Black, 220cc		
	ESL3-LC	Light cyan, 220cc		
	ESL3-LM	Light magenta, 220cc		
	ESL3-MT	Metallic silver, 220cc		
	ESL3-WH	White, 220cc		
	Cleaning cartridge	SL-CL		Cleaning liquid, 1 pc.
	Blades	ZEC-U5022		For thick, reflective and fluorescent vinyl, 2pcs.
		ZEC-U5025		For thick, reflective and fluorescent vinyl, 5pcs.
	Blade Holders	XD-CH2		Blade holder with blade extension adjuster, made of aluminum
	XD-CH3	Blade holder with blade extension adjuster, made of resin		
Automated take-up system	TU2-64/54/42/30	For VS-640/540/420/300, rolls up to 30kg (66 lbs.)		
	TUC-2	Controller for TU2-64/54/42/30 take-up system		

About Metallic Silver and White Inks Due to the nature of white and silver inks, the pigment in these inks will settle in the cartridge and ink flow system, requiring you to shake the cartridge before each use. Outdoor durability is three years for CMYK inks, one year for white ink, and one to three years for metallic silver ink, depending on the media used. Roland strongly recommends lamination for both indoor and outdoor graphics to ensure the quality of metallic inks.

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.

As an ENERGY STAR® partner, Roland DG Corporation has determined that this product meets the ENERGY STAR guidelines for energy efficiency. ENERGY STAR is a U.S. registered mark.

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Metallic Revolution

VersaCAMM Print&Cut Inkjets
VS-640 VS-540 VS-420 VS-300

Metallic Revolution

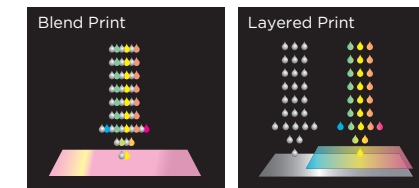
Add Stylish Accents, Sophistication and Premium Value with Metallic Silver Ink

With the addition of Metallic Silver ink, you can easily apply luxurious effects to printed graphics with brilliant metallic colors that were previously available only through silk screening, offset printing, and hot stamping. The design possibilities are boundless with the rich textures and smooth gradations of gold, silver, metallic and pearlescent colors. A choice of four inkjet printer/cutter sizes provides a wide variety of cost-effective options.

Explore a New World of Creative Expression with Metallic Colors

Metallic Colors and White Ink Produce Premium Quality Results

The metallic and white ink option allows Roland VS users to add value and sophistication to virtually any graphic. ECO-SOL MAX Metallic Silver ink can be printed as a spot color, or combined with CMYK to produce a wide range of metallic and pearlescent colors. Two metallic print modes are available to expand your options. Choose Blend print mode to print CMYKLcLm and Metallic Silver ink together for natural metallic colors. Or choose Layered print mode to print Metallic Silver first, then CMYKLcLm with one pass. This mode achieves richer metallic colors just like by coating silver with translucent CMYK colors.



Produce Stunning Metallic Effects Easily

Roland's Metallic Texture System Library allows you to easily apply unique patterns and textures to metallic colors for added impact. Simply select a texture or pattern from the Roland swatch library in Adobe® Illustrator® and apply it to your graphic.



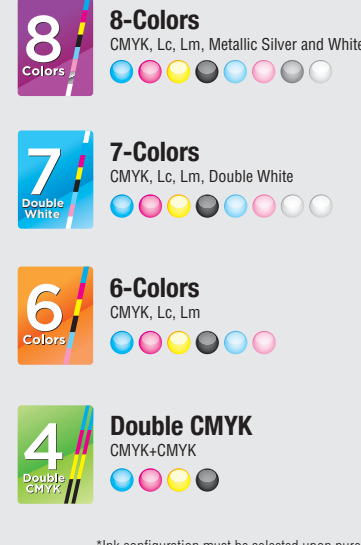
Wide Range of Metallic Colors Available with the Roland Color System Library

The VS series supports 512 spot metallic colors allowing you to apply one or more predefined colors to any graphic with a click of the mouse. You can also choose colors from Adobe® Illustrator®.



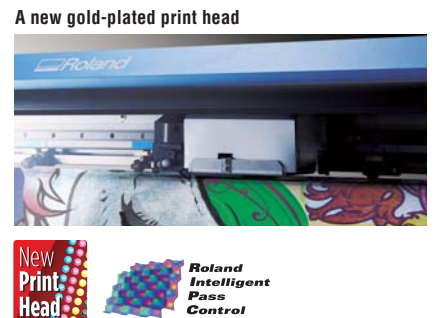
Unique Printing Options to Drive Your Business

Choose From 4 Ink Configurations



New Print Head Delivers the Ultimate in Image Quality

Based on a new generation of print head technology, the VS series fires droplets of seven different sizes for beautifully smooth gradations, high-fidelity photographs and flawless solid colors. A new gold-plated print head is designed to repel ink, preventing clogs. Precision-rounded nozzles and accurate ink firing produce perfect ink droplets for unrivaled image quality.



Integrated Printing And Contour Cutting for Increased Productivity

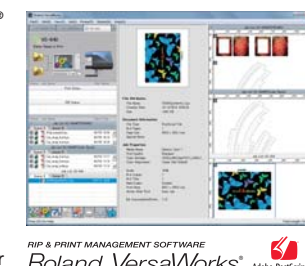
Roland's integrated Print&Cut Technology streamlines your production environment. With this efficient, automated process, you can produce print/cut graphics of virtually any shape on one device for maximum productivity. The optional media take-up system collects Print&Cut graphics automatically for unattended operation.



Included Software Ensures Optimum Performance

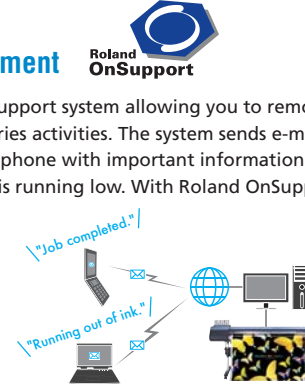
VersaWorks, Roland's Powerful, Easy-to-Use RIP Software

Roland's true Adobe® PostScript® 3™ RIP is easy to use and incorporates the latest CPSI engine for exceptional production output. Features include estimation of ink usage and print time for each job, control of up to four Roland devices, and accurate color matching using the Roland Color System.



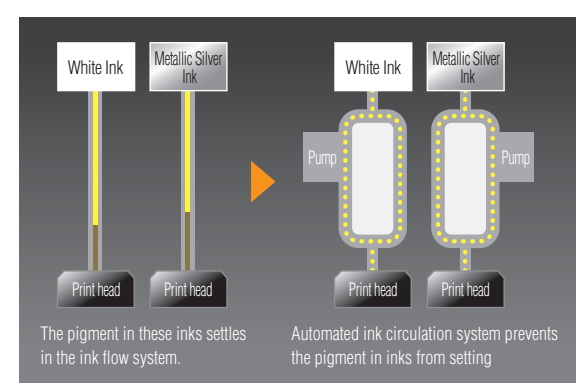
Roland OnSupport for Remote Production Management

Roland OnSupport is an online customer support system allowing you to remotely track the status of your VersaCAMM VS series activities. The system sends e-mail notifications directly to your PC or mobile phone with important information such as when a job is completed and when ink is running low. With Roland OnSupport, you are free to leave your printer unattended, knowing that critical production information will be sent to you in real time. The system also provides valuable information such as how to create print files using metallic colors and tips to further enhance metallic effects.



Automated Ink Circulation System for Consistent Long-Term Image Quality

The VS series comes with Roland's unique, automated ink circulation system that prevents the pigment in metallic silver and white inks from settling. This system automatically reduces waste of white and metallic silver inks, lowers running costs, produces exceptional image quality, and ensures consistent metallic and white density throughout the longest production runs.



Flawless Media Feeding

The VS series features newly designed fixed media shafts and adjustable flanges for precision media tracking and easy loading and unloading of even the heaviest media rolls.



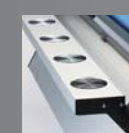
White Add Versatility and Boost Productivity with VS series White Ink Options.

The ability to use white ink greatly expands expressive potential across a wide range of media.

With white ink you can output onto transparent, silver, colored and other media. This opens up all kinds of value added options, like bright window displays, window decals for vehicles, or short run package prototypes and mock-ups.

Increase Your Productivity with Double-White.

You can also select Double-White printing, which outputs two channels of white simultaneously. Compared with one-channel white printing, this configuration doubles the conventional printing speed when using white as a single color.*1 An optional Dryer/Blower*2 can also be added to speed up the drying process. This increase in speed will naturally improve the overall productivity of your business.



Spectacular window displays dress up storefronts. Short-run decals are ideal for sales campaigns. Great for sneak previews and private showings. Ideal for short-run mock-ups.

