



## VersaCamm VS-640i / VS-540i / VS-300i

| Specifications                                                       |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                   |
|----------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Model                                                                |                     | VS-640i                                                                                                                                                                                                                                                                                                                                                                                                                                                           | VS-540i                                                                           |
| 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.)                                                   |
|                                                                      | 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 210 mm (8.3 in.)                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                   |
|                                                                      | Roll weight         | Max. 40 kg (88 lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                               | Max. 30 kg (66 lbs)                                                               |
|                                                                      | Core diameter *1    | 76.2 mm (3 in.) or 50.8 mm (2 in.)                                                                                                                                                                                                                                                                                                                                                                                                                                | Max. 25 kg (55 lbs)                                                               |
| Printing/cutting width*2                                             |                     | Max. 1,600 mm (63 in.)                                                                                                                                                                                                                                                                                                                                                                                                                                            | Max. 1,346 mm (53 in.)                                                            |
| Ink cartridges                                                       | Types               | 440cc cartridge (cyan, magenta, yellow, black, light cyan, light magenta, and light black)                                                                                                                                                                                                                                                                                                                                                                        |                                                                                   |
|                                                                      | Colors              | Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, light black, and white) or, Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, light black, and metallic silver) or, Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, metallic silver, and white) or, Seven colors (cyan, magenta, yellow, black, light cyan, light magenta, and light black) 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                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                   |
| Cutting blade                                                        |                     | Type: Roland CAMM-1 series compatible Blade offset: 0.000 to 1.500 mm (0.000 to 0.059 in.)                                                                                                                                                                                                                                                                                                                                                                        |                                                                                   |
| Software resolution (when cutting)                                   |                     | 0.025 mm/step                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                   |
| Distance accuracy (when printing) **4                                |                     | Error of less than ±0.3% of distance traveled, or ±0.3 mm, whichever is greater                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                   |
| Distance accuracy (when cutting) **5                                 |                     | 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                                                                                                                                                                                  |                                                                                   |
| Repeatability (when cutting) **6                                     |                     | ±0.1 mm or less                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                   |
| Alignment accuracy for printing and cutting **7                      |                     | ±0.5 mm or less                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                   |
| Alignment accuracy for printing and cutting when reloading media **8 |                     | Error of less than ±0.5% of distance traveled, or ±3 mm, whichever is greater                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                   |
| Media heating system **                                              |                     | 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) Ethernet (10BASE-T/100BASE-TX, automatic switching)                                                                                                                                                                                                                                                      |                                                                                   |
| Power-saving function                                                |                     | Automatic sleep feature                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                   |
| Power requirements                                                   |                     | AC 100 to 120 V ±10%, 7.8 A, 50/60 Hz or AC 220 to 240 V ±10%, 3.8 A, 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                    | AC 100 to 120 V ±10%, 5.1 A, 50/60 Hz or AC 220 to 240 V ±10%, 2.6 A, 50/60 Hz    |
| Power                                                                | During operation    | Approx. 1,044 W                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Approx. 995 W                                                                     |
|                                                                      | Sleep mode          | Approx. 14.5 W                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Approx. 15.1 W                                                                    |
| Acoustic noise level                                                 |                     | During operation: 69 dB (A) or less                                                                                                                                                                                                                                                                                                                                                                                                                               | During standby: 43 dB (A) or less                                                 |
| Dimensions (with stand)                                              |                     | 2,575 (W) x 795 (D) x 1,270 (H) mm (101.4 (W) x 31.1 (D) x 50 (H) in.)                                                                                                                                                                                                                                                                                                                                                                                            | 2,315 (W) x 795 (D) x 1,270 (H) mm (91.1 (W) x 31.1 (D) x 50 (H) in.)             |
| Weight (with stand)                                                  |                     | 140 kg (309 lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 130 kg (287 lbs)                                                                  |
| 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                                                       |                     | Exclusive stands, power cord, blade, blade holder, media clamps, media holder, replacement blade for separating knife, User's Manual, etc.                                                                                                                                                                                                                                                                                                                        |                                                                                   |

### 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.

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AUTHORIZED DEALER:



| Options            |                                                                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Model              | Description                                                                                                                               |
| ESL4-4CY           | Cyan, 440cc                                                                                                                               |
| ESL4-4MG           | Magenta, 440cc                                                                                                                            |
| ESL4-4YE           | Yellow, 440cc                                                                                                                             |
| ESL4-4BK           | Black, 440cc                                                                                                                              |
| ESL4-4LC           | Light cyan, 440cc                                                                                                                         |
| ESL4-4LM           | Light magenta, 440cc                                                                                                                      |
| ESL4-4LK           | Light black, 440cc                                                                                                                        |
| ESL4-MT            | Metallic silver, 220cc                                                                                                                    |
| ESL4-WH            | White, 220cc                                                                                                                              |
| Cleaning cartridge | ESL4-CL Cleaning liquid, 1 pc.                                                                                                            |
| Blades             | ZEC-US025 For thick, reflective and fluorescent vinyl, as well as sign vinyl in general, 5pcs. ZEC-US022 For sign vinyl in general, 2pcs. |
| Blade Holders      | XD-CH2 Blade holder with blade extension adjuster, made of aluminum                                                                       |
|                    | XD-CH3 Blade holder with blade extension adjuster, made of resin                                                                          |

### Roland VersaWorks System Requirements

|                        |                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating system       | Windows® 7 Professional or Ultimate (32/64-bit); Windows Vista® Business/Ultimate (32/64-bit); Windows® XP Professional Service Pack 2 or later (32/64-bit) |
| CPU                    | Core™2 Duo, 2.0 GHz or faster recommended                                                                                                                   |
| RAM                    | 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                                                                                                                                   |
| Hard-disk file system  | NTFS format                                                                                                                                                 |
| Optical drive          | DVD-ROM drive                                                                                                                                               |

\*Roland VersaWorks® is a 32-bit application, which runs on 64-bit Windows® with WoW64 (Windows 32-bit on Windows 64-bit).

\*1 Note: The media holder of this machine is exclusive use for the media of paper tube (core) inner diameter 3 inches. To use 2 inches media, the optional media flanges are required. \*2 The length of printing or cutting is subject to the limitations of the program. \*3 \*Media type: Media specified by Roland DG Corp. \*Temperature: 25°C (77°F), humidity: 50%. \*Roll media must be loaded correctly. \*Applicable when all pinch rollers available to the media width are used. \*Side margins: 25 mm or more for both the left and right margins \*Front margin: 35 mm or more \*Excluding expansion/contraction of the media \*Not assumed when the print heater or dryer is used. \*All correction or adjustment function of this machine has been made properly. \*4 With Roland PET film, print travel: 1 m \*5 [PREFEED] menu item must be set to "ENABLE." Range for assured repetition accuracy [64-inch model] \*For media with a width exceeding 610 mm: Length 4,000 mm \*For media with a width of 610 mm or less: Length 8,000 mm [54-inch model] \*For media with a width exceeding 610 mm: Length 4,000 mm \*For media with a width of 610 mm or less: Length 8,000 mm [30-inch model] \*Length 3,000 mm \*6 \*Provided that media length is under 3,000 mm \*Excludes the effects of blunted movement and of expansion and contraction of the media. \*7 Data size [64-inch model] 1,000 mm in the media-feed direction, 1,600 mm in the carriage-movement direction [54-inch model] 1,000 mm in the media-feed direction, 1,346 mm in the carriage-movement direction [30-inch model] 1,000 mm in the media-feed direction, 736 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." \*Excluding possible shift caused by expansion/contraction of the media and/or by reloading the media. \*8 \*Warm-up is required after power up. This may require 5 to 20 minutes, depending on the operating environment. \*Depending on the ambient temperature and media width, the preset temperature may fail to be reached.

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](http://www.rolanddg.com).



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Roland®

# VersaCamm

Print & Cut VS-640i / VS-540i / VS-300i



TU2-64 [For VS-640i]  
TU2-54 [For VS-540i]  
TU2-30 [For VS-300i]

\* Rolls up to 30kg (66 lbs.)

OndS 640A/B [For VS-640i]  
OndS 540A/B [For VS-540i]  
OndS 300A/B [For VS-300i]

Power requirements  
OndS \*\*\*A : AC100v to 115V, 6A, 50/60Hz  
OndS \*\*\*B : AC200v to 240V, 3A, 50/60Hz

\*It is recommended to use heater and blower especially for printing with white and metallic.



# BEYOND IMAGINATION

## Versatile performance that powers your imagination

VersaCAMM, the most popular wide-format inkjet printer for sign and durable graphics users around the world, has been reborn with superior performance to meet the needs of sign and graphics professionals. The versatile VersaCAMM VS-i series features the new high-density ECO-SOL MAX 2 ink available in CMYKLCm, white, metallic and Light Black, a range of usability enhancements to improve ease of use, world leading integrated contour cutting, and of course, exceptional print quality rivaling that of a high-end machine. Go beyond your imagination and turn your ideas into reality with the exceptional quality and greater versatility of the new VersaCAMM VS-i.



**VersaCAMM**

Roland

## QUALITY

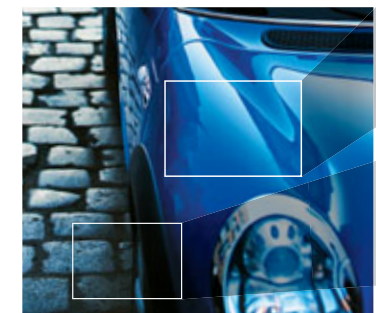
### Exceptional print quality befitting a high-end machine

The VersaCAMM VS-i series delivers the level of print quality sought by sign and graphics professionals. It is equipped with the latest high performance print head, which fires droplets of seven different sizes to optimize image quality for the specific media and print resolutions selected. The VS-i achieves incredibly high resolution rivaling that of high-end machines thanks to precise head control, which maximizes the potential of the print head and ink. Enlarge your print business and make more profit with vibrant, colorful and detailed results from the VersaCAMM VS-i series.



### ECO-SOL MAX2 delivers incredibly sharp image quality

ECO-SOL MAX2 is a new generation of Roland's award-winning eco-solvent ink, featuring outstanding long-term outdoor durability, scratch and chemical resistance, broad media support and a wide color gamut – all with no nickel compounds. ECO-SOL MAX2 is engineered for stable, consistent output, and produces vibrant colors with sharp images and text. These enhancements bring out every detail for the highest print quality.



Produces even color and sharp images.

## MONOCHROME

### Monochrome printing with excellent gray balance

VersaCAMM VS-i supports the new light black (Lk) ECO-SOL MAX2 ink, providing highly accurate colors and seamless gradations. With light black, you can achieve a neutral gray for smooth gray scale gradations and precise photographic images, or produce natural, smooth reproduction of skin tones containing light and medium hues. Light black also assists with accurate color reproduction for corporate branding material, such as clothing or cosmetics promotions.



Accurate gray balance and remarkably smooth skin tones

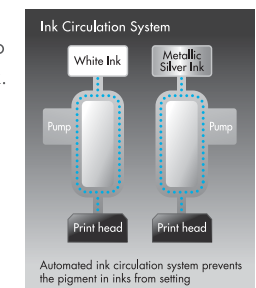


## WHITE & METALLIC

### White and metallic printing produces profitable applications

The standard mode of the new VS-i series can match the image quality of its predecessor's high quality mode\*, achieving approximately 1.5 times faster production speed for printing with white. Vibrant full color prints are possible not only with transparent film but also for deep color elements, thanks to the increased density of the new white ink. In standard mode, the new metallic ink also makes it possible for the VS-i to reproduce the image density of the previous models' high quality mode\*, while delivering approximately 2 times faster production speed.

\* VersaCAMM VS-640/540/300



Automated ink circulation system prevents the pigment in inks from settling

## PRINT & CUT

### Cut any shape with advanced Print & Cut technology

The VS-i series features Roland's renowned Print & Cut technology, which prints and automatically contour cuts images into any shape in one seamless workflow. This enables production of versatile applications ranging from window graphics, floor signage, POP, stickers, vehicle decals and apparel heat transfers. The VS-i also introduces a new function for fine adjustment of cutting positions, which minimizes mistakes during the cutting process. Adjustments can be made by 0.01mm for more accurate cutting results. The optional media take-up unit (TU-2) also automatically collects Print & Cut graphics for unattended operation.



You can cut graphics virtually any shape



For short-run production of labels and stickers

## COLORS

### Select the best ink configuration for your business

The new VS-i offers a choice of ink configurations, available in 8, 7 and 4 colors to suit your use and objectives, including white or metallic silver ink for producing value-added applications, and light black ink which is perfect for monochrome printing, and highly accurate color reproduction.

|  |                                                                                       |
|--|---------------------------------------------------------------------------------------|
|  | 8 Colors : CMYKLCm + Light Black (Lk) + White (Wh)                                    |
|  | 8 Colors : CMYKLCm + Light Black (Lk) + Metallic Silver (Mt)                          |
|  | 8 Colors : CMYKLCm + White (Wh) + Metallic Silver (Mt)                                |
|  | 7 Colors : CMYKLCm + Light Black (Lk) <small>*Must insert cleaning cartridge.</small> |
|  | 4 Colors : Double CMYK                                                                |

## RIP & PRINT MANAGEMENT SOFTWARE Roland VersaWorks®

### Powerful yet easy to use Roland VersaWorks® RIP software

The VS-i series comes with Roland VersaWorks® RIP & print management software, which allows you to fully customize printer settings to meet unique job requirements. Increase the vividness of colors for high-impact outdoor signage, bring out every subtle detail in fine art or photographic reproductions for stunning results, or even manage advanced features such as variable data or clip and tile functions – all from a simple, user friendly interface. The VS-i series also supports built-in PANTONE® libraries that make it easy to match spot colors and reproduce them accurately. You can also replace spot colors with any color included in the Roland Color System, Rolands' own library of more than 1,000 standard colors and 512 metallic shades.



**VersaCAMM**