



TrueVIS SG Series



Specifications		
Model	SG-540	SG-300
Printing technology	Piezoelectric inkjet	
Media	Width	210 to 1,371 mm (8.3 to 54 in.) / 182 to 762 mm (7.2 to 30 in.)
	Thickness	Max. 1.0 mm (39 mil) with liner, for printing / Max. 0.4 mm (16 mil) with liner and 0.22 mm (9 mil) without liner, for cutting
	Roll outer diameter	Max. 210 mm (8.3 in.)
	Roll weight	Max. 30 kg (66 lb.) / Max. 25 kg (55 lb.)
	Core diameter*1	76.2 mm (3 in.) or 50.8 mm (2 in.)
Printing/cutting width*2	Max. 1,346 mm (53 in.) / Max. 736 mm (29 in.)	
Ink	Type	TrueVIS INK 500 cc pouch
	Colors	Four colors (cyan, magenta, yellow, black)
Printing resolution (dots per inch)	Max. 900 dpi	
Cutting speed	10 to 300 mm/s (0.4 to 11.8 in/s)	
Blade force*3	30 to 500 gf	
Blade	Type	Roland CAMM-1 series blade
	Blade offset	0.000 to 1,500 mm (0.0 to 59.1 mil)
Software resolution (when cutting)	0.025 mm/step (0.98 mil/step)	
Distance accuracy (when printing)*4*5	Error of less than ±0.3 % of distance traveled or ±0.3 mm (±11.8 mil), whichever is greater	
Distance accuracy (when cutting)*4	Error of less than ±0.4 % of distance traveled or ±0.3 mm (±11.8 mil), 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 (±3.9 mil), whichever is greater	
Repeatability (when cutting)*4*6	±0.1 mm (±3.9 mil) or less	
Alignment accuracy for printing and cutting*4*7	±0.5 mm (±19.7 mil) or less	
Alignment accuracy for printing and cutting when reloading media*4*8	Error of less than ±0.5 % of distance traveled by media or ±3 mm (±0.2 in.), whichever is greater	
Media heating system*9	Print heater set temperature: 30 to 45°C (86 to 113°F) / Dryer set temperature: 30 to 50°C (86 to 122°F)	
Connectivity	Ethernet (100BASE-TX/1000BASE-T, automatic switching)	
Power-saving function	Automatic sleep feature	
Power requirements	AC 100 to 120 V ±10 %, 8.0 A, 50/60 Hz or AC 220 to 240 V ±10 %, 4.0 A, 50/60 Hz	AC 100 to 120 V ±10%, 5.4 A, 50/60 Hz or AC 220 to 240 V ±10%, 2.7 A, 50/60 Hz
	Approx. 1,050 W	Approx. 710 W
Acoustic noise level	During operation	65 dB (A) or less
	During standby	48 dB (A) or less
Dimensions (with stand)	2,685 (W) x 745 (D) x 1,310 (H) mm (105.7 [W] x 29.3 [D] x 51.6 [H] in.)	2,070 (W) x 745 (D) x 1,310 (H) mm (81.5 [W] x 29.3 [D] x 51.6 [H] in.)
	178 kg (392 lb.)	147 kg (324 lb.)
Environment	Power on	Temperature: 20 to 32°C (68 to 90°F), humidity: 35 to 80 % RH (no condensation)
	Power off	Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80 % RH (no condensation)
Included items	Dedicated stands, power cord, media clamps, media holders, replacement blade for separating knife, User's Manual, etc.	

Roland VersaWorks Dual System Requirements	
Operating system	Windows® 10 (32/64-bit) / Windows® 8.1 (32/64-bit) / Windows® 7 Professional / Ultimate (32/64-bit)
CPU	Intel® 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 Dual is a 32-bit application, which runs on 64-bit Windows® with WoW64 (Windows 32-bit on Windows 64-bit).

Options		
TrueVIS INK	TR-CY	Cyan, 500 cc
	TR-MG	Magenta, 500 cc
	TR-YE	Yellow, 500 cc
	TR-BK	Black, 500 cc
Cleaning liquid	TR-CL	Cleaning liquid, 500 cc
Blades	ZEC-U5032	For sign vinyl in general, 2pcs.
	ZEC-U5025	For thick, reflective and fluorescent vinyl, as well as sign vinyl in general, 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

Options	
Automated take-up system	
	TU2-54 [For SG-540] / TU2-30 [For SG-300] / *Rolls up to 30 kg (66 lbs.)

*1 The media holders of this machine are designed to be used exclusively with media that has a paper tube (core) with an inner diameter of 3 inches. To use 2-inch media, the optional media flanges are required.
 *2 The length of printing or cutting is subject to the limitations of the program. *3 500 gf is the maximum instantaneous blade force. *The blade force must be adjusted according to details such as the media thickness. *4 Media type: Media specified by Roland DG Corporation. *Temperature: 25°C (77°F), humidity: 50 % *Roll media must be loaded correctly. *Applicable when all pinch rollers that can be used with the media width are used. *Side margins: 25 mm (1.0 in.) or more for both the left and right margins *Front margin: 35 mm (1.4 in.) or more *Excluding expansion/contraction of the media *Not guaranteed when the print heater or dryer is used. *Assumes all correction and adjustment functions of the machine have been used properly. *5 Print travel: 1 m (39.4 in.) *6 [PREFEED] menu item must be set to "ENABLE." Range for assured repetition accuracy [54-inch model] *For media with a width exceeding 610 mm (24.0 in.): Length 4,000 mm (157.5 in.) *For media with a width of 610 mm (24.0 in.) or less: Length 8,000 mm (315.0 in.) [30-inch model] Length 4,000 mm (118.2 in.) *7 *Provided that the media feed length is 3,000 mm (118.1 in.) or less *Excludes the effects of slanted movement and of expansion and contraction of the media *8 Data size: [54-inch model] 1,000 mm (39.4 in.) in the media-feed direction, 1,346 mm (53.0 in.) in the carriage-movement direction [30-inch model] 1,000 mm (39.4 in.) in the media-feed direction, 736 mm (29 in.) 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. *9 Warm-up is required after the power is turned on. This may require 5 to 20 minutes, depending on the operating environment. *Depending on the ambient temperature and the media width, the set temperature may not be reached.



TRUE COLOR. TRUE QUALITY. TRUE VALUE

TrueVIS

SG-540 / SG-300

Roland DG reserves the right to make changes in specifications, materials or accessories without notice. Your actual output may vary. For optimum output quality, periodic maintenance to critical components may be required. Please contact your Roland DG dealer for details. No guarantee or warranty is implied other than expressly stated. Roland DG shall not be liable for any incidental or consequential damages, whether foreseeable or not, caused by defects in such products. PANTONE® is the property of Pantone LLC. All other trademarks are the property of their respective owners. Reproduction or use of copyrighted material is governed by local, national, and international laws. Customers are responsible for observing all applicable laws and are liable for any infringement. Roland DG Corporation has licensed the MMP technology from the TPL Group.



AUTHORIZED DEALER:

Printed in Japan. RDG-416107699 16 AUG D-3 D-S

www.rolanddg.com



QUALITY



Stunning Quality and Outstanding Results

Everything about the way TrueVIS printers produce images has been perfected. With the SG series, two FlexFire printheads fire precision droplets in 3 sizes and a wide print swath. This enables every drop of ink to fall exactly where it is intended, delivering beautiful images and uniform colors at production speeds.



PRINT & CUT



Print & Cut

Print and Contour Cut Your Way to More Profit

The TrueVIS SG uses Roland DG's most advanced integrated print/cut technology to date. Featuring a new cut carriage and blade holder, with increased downforce and accuracy, you can work with more media and discover more profit opportunities. The SG series gives you the power of integrated printing and contour cutting for an incredible price.



USABILITY

Smart Tech, Amazing Usability

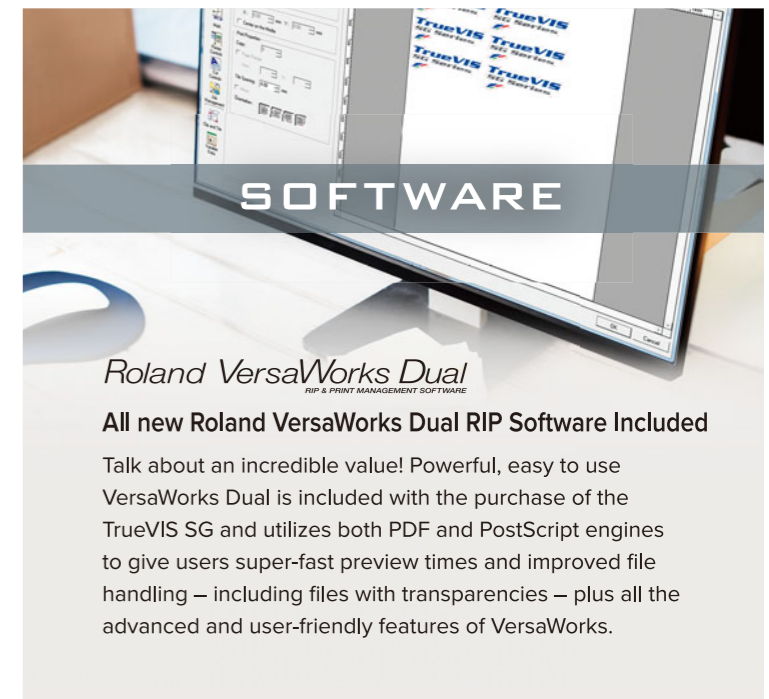
In addition to a built-in control panel, a new Roland DG Mobile Panel enables you to manage the functions of the SG printer/cutter remotely using a smartphone or tablet with a Bluetooth connection. This smart and convenient new feature allows you to receive status updates as well as manage production, test printing, and cleaning functions while working in remote range of your machine.



ECONOMY

Ink that Lowers Costs while Raising Quality

Supplied in 500 cc pouches, and available in CMYK, inks for the TrueVIS SG series slide into a hidden ink bay with reusable cartridges for clean use with less waste.



SOFTWARE

Roland VersaWorks Dual
RIP & PRINT MANAGEMENT SOFTWARE

All new Roland VersaWorks Dual RIP Software Included

Talk about an incredible value! Powerful, easy to use VersaWorks Dual is included with the purchase of the TrueVIS SG and utilizes both PDF and PostScript engines to give users super-fast preview times and improved file handling – including files with transparencies – plus all the advanced and user-friendly features of VersaWorks.

TRUE COLOR. TRUE QUALITY. TRUE VALUE

TrueVIS Color, achieved through the precision combination of Roland DG's FlexFire printheads and TrueVIS INK, results in amazingly vibrant colors and stunning details that blow the competition away.

Whether you're just starting out or wanting to expand production, new TrueVIS SG series printer/cutters offer the quality and versatility you need. TrueVIS ushers in a new era of extreme color quality, integrated printing and contour cutting, plus high-tech ease-of-use, and the SG series delivers it all at an unbeatable value.

TrueVIS SG Series  4 Colors : CMYK



SG-540

SG-300