

SG3-540

EVERYTHING YOU NEED TO BUILD AND SUCCEED



ECO-SOLVENT

INTEGRATED
PRINT/CUT

4-COLOR
CONFIGURATION

TE

The most advanced
generation of TrueVIS

- FlexFire print heads, TE2 inks, and True Rich Color combine with user-friendly features to make the SG3 the perfect performance level printer.
- A re-designed chassis, high-quality components, and a variety of media handling improvements make the SG3 perfect for runs of decals, small signs, partial wraps, and more.

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Enhanced features—with
you in mind

- Easy-to-operate, and intuitive 7" LCD touchscreen control panel.
- Automatic media gap adjustment saves time and material.
- Newly designed, adjustable media take-up unit accommodates rolls of different sizes.
- One-touch media clasp makes loading media rolls easy for a single operator.



Fit for your performance
printing needs

- With an array of features, plus TE2 inks in CMYK, the SG3 is an amazing value for print providers and graphics creators.
- A 54" model is a perfect fit for new shops or existing businesses looking to expand production.

Additional Features

- + Included VersaWorks 6 RIP—featuring new True Rich Color 3 preset, Nearest Color Finder, and Variation Job function.
- + Roland DG Connect App ready—giving you instant access to important data about print jobs as well as your business.
- + An included take-up on all SG3 devices gives you control and accuracy of print and cut jobs of all sizes.
- + TE2 inks in CMYK provide you consistently amazing output of beautiful signs and graphics.

Technical Specs

		SG3-540
Printing method		Piezo ink-jet method
Media	Width	295 to 1,371 mm (11.7 to 54 in.)
	Thickness	Max. 1.0 mm (39.3 mil) with liner, for printing Max. 0.4 mm (15.7 mil) with liner and 0.22 mm (8.6 mil) without liner, for cutting
	Roll outer diameter	Max. 250 mm (9.8 in.)
	Roll weight	Max. 35 kg (77 lb.)
	Core diameter	76.2 mm (3 in.) or 50.8 mm (2 in.)
Printing/cutting width ⁽¹⁾		Max. 1,346 mm (52.9 in.)
Ink	Type	TrueVIS INK 500 ml pouch
	Colors	Four colors (cyan, magenta, yellow, and black)
Printing resolution (dots per inch)		Max. 1,200 dpi
Cutting speed		10 to 300 mm/s (0.39 to 11.8 in./s)
Blade force ⁽²⁾		30 to 500 gf
Blade	Type	Roland CAMM-1 series blade
	Offset	0.000 to 1.500 mm (0.0 to 59 mil)
Software resolution (when cutting)		0.025 mm/step (0.98 mil/step)
Media heating system ⁽³⁾		Print heater set temperature: 30 to 45 °C (86 to 113 °F) Dryer set temperature: 30 to 55 °C (86 to 131 °F)
Connectivity		Ethernet (100BASE-TX/1000BASE-T, automatic switching)
Power-saving function		Automatic sleep feature
Rated input		100-120/220-240 Va.c. 50/60 Hz 8.0/4.1 A
Power consumption	During operation	Approx. 1,090 W
	Sleep mode	Approx. 50 W
Acoustic noise level	During operation	63 dB (A) or less
	During standby	53 dB (A) or less
Dimensions (Width x Depth x Height)		2,632 mm × 748 mm × 1,320 mm (103.7 in. x 29.5 in. x 52.0 in.)
Weight		183 kg (404 lb.)
Environment	During operation ⁽⁴⁾	Temperature: 20 to 32 °C (68 to 89.6 °F), humidity: 35 to 80 % RH (no condensation)
	Not operating	Temperature: 5 to 40 °C (41 to 104 °F), Humidity: 20 to 80 % RH (no condensation)
Included items		Dedicated stands, power cord, Media take-up unit, media holders, replacement blade for separating knife, cleaning liquid, drain bottle, User's Manual, Software(VersaWorks, Roland DG Connect), etc.

*1 The length of printing or cutting is subject to the limitations of the program.

*2 ♦ 500 gf is the maximum instantaneous blade force.
♦ The blade force must be adjusted according to details such as the media thickness.

*3 ♦ 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.

*4 Operating environment (Use in an operating environment within this range.)

