Technical Specs

		SG3-540	SG3-300
Printing method		Piezo ink-jet method	
Media	Width	295 to 1,371 mm (11.7 to 54 in.)	182 to 762 mm (7.2 to 30 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.)	Max. 30 kg (66 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.)	Max. 736 mm (28.9 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	100-120/220-240 Va.c. 50/60 Hz 5.4/2.7 A
Power consumption	During operation	Approx. 1,090 W	Approx. 710W
	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.)	2,022 mm × 748 mm × 1,320 mm (79.7 in. x 29.5 in. x 52.0 in.)
Weight		183 kg (404 lb.)	150 kg (331 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.	

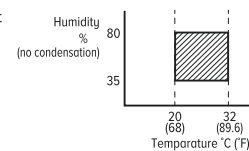*1 The length of printing or cutting is subject to the limitations of the program.

*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.)

Humidity % (no condensation) 80 / 35
Temperature ˚C (˚F) 20 (68) 32 (89.6)
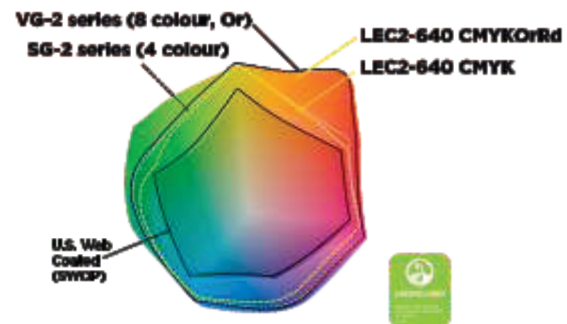
Roland

TrueVIS
SG3-540   SG3-300

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