



TrueVIS SG2 Series

Large-Format Inkjet Printer/Cutters

Specifications		SG2-640	SG2-540	SG2-300
Printing method		Piezo inkjet method		
Media	Width	12.4 to 64 in. (315 to 1,625 mm)	10.8 to 54 in. (275 to 1,371 mm)	7.1 to 30 in. (182 to 762 mm)
	Thickness	Max. 39 mil (1.0 mm) with liner, for printing Max. 16 mil (0.4 mm) with liner and 9 mil (0.22 mm) without liner, for cutting		
	Roll outer diameter	Max. 8.3 in. (210 mm)		
	Roll weight	Max. 88 lb. (40 kg)	Max. 66 lb. (30 kg)	Max. 55 lb. (25 kg)
	Core diameter (*1)	3 in. (76.2 mm) or 2 in. (50.8 mm)		
Printing/cutting width		Max. 63 in. (1,600 mm)	Max. 53 in. (1,346 mm)	Max. 29 in. (736 mm)
Ink	Types	TR2 Ink (500 mL pouches)		
	Colors	Four colors (Cyan, Magenta, Yellow, and Black)		
Printing resolution (dots per inch)		Max. 1,200 dpi		
Cutting Speed		0.4 to 11.8 in/s (10 to 300 mm/s)		
Blade force (*3)		30 to 500 gf		
Blade	Type	Roland CAMM-1 series blade		
	Offset	0.0 to 59.1 mil (0.000 to 1.500 mm)		
Software resolution (when cutting)		0.98 mil/step (0.025 mm/step)		
Distance accuracy (when printing) (*4) (*5)		Error of less than $\pm 0.3\%$ of distance traveled or ± 11.8 mil (± 0.3 mm), whichever is greater		
Distance accuracy (when cutting) (*4)		Error of less than $\pm 0.4\%$ of distance traveled or ± 11.8 mil (± 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 $\pm 0.2\%$ of distance traveled or ± 3.9 mil (± 0.1 mm), whichever is greater		
Repeatability (when cutting) (*4) (*6)		± 3.9 mil (± 0.1 mm) or less		
Alignment accuracy for printing and cutting (*4) (*7)		± 19.7 mil (± 0.5 mm) or less		
Alignment accuracy for printing and cutting when reloading media (*4) (*8)		Error of less than $\pm 0.5\%$ of distance traveled, or ± 0.2 in. (± 3 mm), whichever is greater		
Media heating system (*9)		Print heater set temperature: 86 to 112°F (30 to 45°C) Dryer set temperature: 86 to 122°F (30 to 50°C)		
Connectivity		Ethernet (100BASE-TX/1000BASE-T, automatic switching)		
Power-saving function		Automatic sleep feature		
Power requirements		AC 100 to 120 V $\pm 10\%$, 8.0 A, 50/60 Hz AC 220 to 240 V $\pm 10\%$, 4.1 A, 50/60 Hz		AC 100 to 120 V $\pm 10\%$, 5.4 A, 50/60 Hz AC 220 to 240 V $\pm 10\%$, 2.7 A, 50/60 Hz
Power consumption	During operation	Approx. 1,090 W		Approx. 710 W
	Sleep mode	Approx. 40 W		
Acoustic noise level	During operation	63 dB (A) or less		
	During standby	53 dB (A) or less		
Dimensions (with stand)		116 [W] × 28.8 [D] × 51.6 [H] in. (2,945 [W] × 730 [D] × 1,310 [H] mm)	105.8 [W] × 28.8 [D] × 51.6 [H] in. (2,685 [W] × 730 [D] × 1,310 [H] mm)	81.5 [W] × 28.8 [D] × 51.6 [H] in. (2,070 [W] × 730 [D] × 1,310 [H] mm)
Weight (with stand)		434 lb. (197 kg)	397 lb. (180 kg)	324 lb. (147 kg)
Environment	During operation	Temperature: 68 to 90°F (20 to 32°C), Humidity: 35 to 80%RH (no condensation)		
	Not operating	Temperature: 41 to 104°F (5 to 40°C), Humidity: 20 to 80%RH (no condensation)		
Included items		Dedicated stands, power cord, media clamps, media holders, replacement blade for separating knife, manuals, etc.		

Specifications subject to change. For details and latest information, visit rolanddga.com/SG2



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 ROLAND DGA CORPORATION | 15363 BARRANCA PARKWAY | IRVINE, CALIFORNIA 92618-2216 | 800.542.2307 | 949.727.2100

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*Registration within 60 days of purchase and exclusive, continuous use of Roland inks is required to qualify for the second year of warranty coverage.