

TrueVis

MG2-640/300

Large-format UV printer/cutters

Stand out

Eye-catching UV print, premium special effects and integrated print & cut



UV LED

High-definition
output

Special effects

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Premium UV
print & cut production

- ▶ Integrated print and cut technology combines vibrant UV printing and precision contour cutting in a single production platform.
- ▶ Exceptional cutting accuracy delivers clean, repeatable results for even the most detailed graphics and complex contours.
- ▶ From a single decal to thousands of labels, produce professionally finished graphics with the speed and consistency today's customers expect.

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Premium TrueVis print,
stunning TrueVis results

- ▶ High-definition output with vibrant color, smooth gradients, special effects and exceptional detail.
- ▶ Optional Red, Orange, high-opacity White, and Gloss inks allow you to expand your creative possibilities.
- ▶ Single-pass multi-layer printing produces premium textures, reverse printing, spot gloss, and White underprints in one pass.
- ▶ True Rich Color print settings deliver consistency across every job.



Flexibility and ease of use
keeps you producing

- ▶ Operate with confidence using the responsive 7-inch touchscreen and Direct Print functionality for fast, straightforward production, straight from your machine.
- ▶ Spend less time setting up with automated media calibration and intuitive printer controls.
- ▶ Maximize uptime with intelligent maintenance features and high-capacity 1,000 ml ink pouches that reduce operator intervention.

Additional features

- + VersaWorks 7 included, with intuitive job management, advanced color tools, and support for Roland DG, Summa, and Graphtec cutting workflows.
- + Roland DG Connect ready, providing remote printer monitoring, production insights, proactive maintenance tools, and real-time device diagnostics.
- + Single-pass multi-layer printing supports up to five layers in one pass, improving accuracy while reducing production time.
- + 1,000 ml ink pouches reduce running costs by up to 40%*, while requiring fewer changes during long production runs.

* compared to previous 500 ml configurations

Technical specs

		MG2-640	MG2-300
Printing method		Piezo ink-jet method	
Media	Width	335 to 1,625 mm (13.2 to 64 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. 45 kg (99 lb.)	Max. 30 kg (66 lb.)
	Core diameter	76.2 mm (3 in.) or 50.8 mm (2 in.)	
Printing/cutting width ^(*)		Max. 1,600 mm (62.9 in.)	Max. 736 mm (28.9 in.)
Ink	Type	UV Ink (EUV5EP) 1,000ml pouch	
	Colors	Eight colors (Cyan, Magenta, Yellow, Black, Gloss, White, Orange, and Red) Seven colors (Cyan, Magenta, Yellow, Black, White (2 pouches), Orange, and Red) Six colors (Cyan, Magenta, Yellow, Black, Gloss (2 pouches), and White (2 pouches)) Four colors (Cyan, Magenta, Yellow, and Black)	
Ink-curing unit		Built-in UV-LED lamp	
Printing resolution (dots per inch)		Max. 1,800 dpi	
Cutting speed		10 to 300 mm/s (0.39 to 11.8 in./s)	
Blade force ^(*)		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 ^(*)		Front heater 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 5.3/2.7 A	100-120/220-240 Va.c. 50/60 Hz 4.1/2.0 A
Power consumption	During operation	Approx. 700 W	Approx. 550 W
	Sleep mode	Approx. 65 W	
Acoustic noise level	During operation	66 dB (A) or less	
	During standby	62 dB (A) or less	
Dimensions (Width x Depth x Height)		2,902 mm × 748 mm × 1,412 mm (114.3 in. x 29.5 in. x 55.6 in.)	2,038 mm × 748 mm × 1,412 mm (80.3 in. x 29.5 in. x 55.6 in.)
Weight		210 kg (463 lb.)	165 kg (364 lb.)
Environment	During operation ^(*)	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 stand, power cord, media take-up unit, media holders, replacement blade for separating knife, cleaning liquid bottle for maintenance, drain bottle, User's Manual, software (VersaWorks, Roland DG Connect), etc.	

*1 Operating environment (use in an operating environment within this range.)

*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.)

