Roland

CAMM-1
GS-24

Roland DG's best desktop cutter ever.

Take your business into the future with the world's most reliable and versatile desktop cutter.

Thanks to a completely redesigned cutting carriage and blade holder, the GS-24 offers greater stability and a 40% increase in downforce. Translation: you can cut like never before—even on thick, dense substrates. But it doesn't end there. With unrivaled reliability, the GS-24 is sure to be cutting up the competition for years to come. Day after productive day. Vehicle graphics. Signs & decals. Decorated apparel. Specialty graphics. The GS-24 delivers performance you can build your business on.

What are we made of?
A completely re-designed cutting carriage and blade holder accepts a wide range of materials from 50 to 700mm wide. Regular vinyls, paint mask, twill, heat transfer, sandblast material, and more.

Measure once. Cut 10-times.
Overlap cutting (up to 10x), perforated cutting, and the ability to cut by line color makes workflows a cinch.

Strength comes from within.
GS-24 flexes its muscles with up to 350 grams of force—making cutting and weeding thick substrates like magnetic materials a piece of cake.

Get ready to cut loose, with all you can do on a GS-24.

Sign Up For Superiority.
Turn heads and increase foot traffic. Quickly and easily create vibrant, eye-catching, unique signage.

Decorate Your Apparel.
Create everything from the finest in heat-applied graphics for personalized t-shirts, jackets and jerseys, to crafting eye-catching, custom rhinestone templates is easier and better than ever!

Dial Up Your Decals.
The easily selectable Perforated-Cut function allows you to create decals ready for individual sale, minimizes the need for weeding, and also improves post-production workflow.

Graphics are our Specialty.
Improve your Specialty Graphics—by offering everything from personalized promotional products and accessories, to apparel and packaging on unique substrates.

PRODUCT HIGHLIGHTS

- Innovative, digital servo motor offers premium precision.
- Unrivaled compatibility—accepts media width from 50 to 700mm (2" to 27.5")
- Maximum cutting area of 584mm (W) x 25000mm (L) (22.9" x 984")
- Flexes its muscles with 350g of downforce (a 40% increase)
- Delivers a maximum cutting speed of 500mm per second
  Overlap Cutting (up to 10x) makes cutting and weeding easier than ever
- Cut through even thick substrates—like magnetic materials—with incredible ease
- Optical registration ensures precise accuracy in cutting pre-printed graphics

- Easily set Offset, Speed, & Downforce, and generate cut lines with included Roland CutStudio software
- Bling out automatic rhinestone arrangements in outline or fill patterns with the addition of R-Wear Studio

PRODUCT SPECIFICATIONS

Driving method	Digital control servo motor	Interface	USB 2.0
Cutting method	Media-moving method	Replot memory	2 MByte
Loadable material width	50 - 700 mm	Instruction system	CAMM-GL III
Maximum cutting area	Width: 584 mm Length: 25000 mm (22.9 in. x 984 in.)	Power supply	Dedicated AC adapter
Acceptable tool	Special blade for CAMM-1 series		Input: AC 100 to 240 V ±10 % 50/60 Hz 1.7 A
Maximum cutting speed	500 mm/s (20 in./s) (all directions)		Output: DC 24 V 2.8 A
Cutting speed	10 - 500 mm/s (all directions)	Power consumption	Approx. 30 W (including AC adapter)
Blade force	30 - 350 gf	Acoustic noise level	During operation: 70 dB (A) or less (according to ISO 7779)
Mechanical resolution	0.0125 mm/step		During standby: 40 dB (A) or less (according to ISO 7779)
Software resolution	0.025 mm/step	Dimensions	860 (W) x 319 (D) x 235 (H) mm (33.8 (W) x 12.5 (D) x 92.5 (H) in.)
Distance accuracy *1	Error of less than ±0.2 % of distance traveled, or ±0.1 mm, whichever is greater	Weight	13.5 kg (29.8 lb.)
Repetition accuracy *1*2	±0.1 mm or less	Packaging size	975 (W) x 450 (D) x 390 (H) mm (38 (W) x 17.7 (D) x 15.3 (H) in.)
		Packaging weight	18 kg (39.7 lb.)
Alignment accuracy for printing and cutting when loading printed material *1*3	±1 mm or less for movement distance of 210 mm or less in material feed direction and movement distance of 170 mm or less in width direction (Excluding effects of printer and/or material)	Environment	Temperature: 5 to 40°C (41 to 104°F), humidity: 35 to 80 % (no condensation)
		Included items	AC adapter, power cord, blade, blade holder, roller base, alignment tool, USB cable, Set Up guide

*1 According to material and cutting conditions as specified by Roland DG Corporation (using the PNS-24 stand, sold separately). *2 Excluding material expansion and contraction. Provided that media length is under 1600 mm. *3 Using Roland CutStudio, a laser or inkjet printer having a resolution of 720 dpi or better Excluding glossy or laminated material. Excluding effects of printing distortion due to printer precision and effects of material expansion, contraction, or warping. Depending on the ink (black) employed by the printer used, correct sensing may not be possible.

SOFTWARE

	Operating System		Application Software
Roland OnSupport	Windows® 7/8/8.1/10 (32/64-bit)		
Roland CutStudio	Windows® 7/8/8.1/10 (32/64-bit)		
Roland CutStudio Plug-in for Adobe®Illustrator®	Windows®, MAC OS*		Adobe®Illustrator® CS5/CS6/CC/CC(2014)
Roland CutStudio Plug-in for CorelDRAW®	Windows®*		CorelDRAW® X3/X4/X5/X6/X7

*Supported operating system is limited to the version that is supported by the graphic software

BLADES

ZEC-U5032	For cutting reflective and fluorescent vinyl, as well as sign vinyl in general, offset value 0.25mm, 2-pack
ZEC-U1715	For cutting sandblast stencils for friction feed, maximum 1.00mm thickness, offset value 0.25mm, 5-pack
ZEC-U3017	For cutting sign vinyl in general plus cutting small letters or intricate designs, offset value 0.175mm, 3-pack

BLADE HOLDER

XD-CH3	For sign vinyl in general. Blade holder with blade extention adjuster made of resin