

# 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 the 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 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. In sum, the GS-24 delivers performance you can build your business on.

### **Versatile**

The GS-24 accepts a broad range of materials from 50 to 700 mm wide. It cuts regular vinyls, paint mask, twill, heat transfer, sandblast material, and more. Applications include vehicle graphics, signs, decals, decorated apparel and specialty graphics.

### **Easy**

Overlap cutting (up to 10x), perforated cutting, and the ability to cut by line colour makes workflows a cinch.

### **Strong**

The GS-24 uses 350 grams of force - making cutting and weeding thick substrates, like magnetic materials, a piece of cake.

### **Get ready to cut loose**

#### **Sign up for superiority**

You quickly and easily create vibrant, eye-catching, unique signage that turns heads and increases foot traffic.

#### **Decorate your apparel**

Create the finest in heat-applied graphics for personalized t-shirts, jackets and jerseys. Crafting eye-catching, custom rhinestone templates is also easier than ever!

#### **Dial up your decals**

The Perforated Cut function allows you to create decals ready for individual sale, minimizes the need for weeding, and improves your post-production workflow.

#### **Graphics are our specialty**

Offer everything from personalized promotional products and accessories, to apparel and packaging on unique substrates.



## PRODUCT HIGHLIGHTS

- Innovative, digital servo motor offers premium precision
- Accepts media from 50 to 700 mm wide
- Maximum cutting area of 584 mm (W) x 25 m (L)
- 350 g of downforce
- Maximum cutting speed of 500 mm per second
- Overlap Cutting (up to 10x) makes cutting and weeding easier than ever
- Cuts through even thick substrates, like magnetic materials, with incredible ease
- Optical registration ensures precise accuracy in cutting pre-printed graphics



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



For detailed features and specifications, visit [www.rolanddg.eu](http://www.rolanddg.eu)

## PRODUCT SPECIFICATIONS

Driving method	Digital control servo motor
Cutting method	Media-moving method
Loadable material width	50 - 700 mm
Maximum cutting area	Width: 584 mm Length: 25000 mm
Acceptable tool	Special blade for CAMM-1 series
Maximum cutting speed	500 mm/s (all directions)
Cutting speed	10 - 500 mm/s (all directions)
Blade force	30 - 350 gf
Mechanical resolution	0.0125 mm/step
Software resolution	0.025 mm/step
Distance accuracy *1	Error of less than ±0.2 % of distance travelled, or ±0.1 mm, whichever is greater
Repetition accuracy *1*2	±0.1 mm or less
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)
Interface	USB 2.0
Replot memory	2 MB
Instruction system	CAMM-GL III
Power supply	Dedicated AC adapter Input: AC 100 to 240 V ±10 % 50/60 Hz 1.7 A Output: DC 24 V, 2.8 A
Power consumption	Approx. 30 W (including AC adapter)
Acoustic noise level	During operation: 70 dB (A) or less (according to ISO 7779) During standby: 40 dB (A) or less (according to ISO 7779)
Dimensions	860 (W) x 319 (D) x 235 (H) mm
Weight	13.5 kg
Packaging size	975 (W) x 450 (D) x 390 (H) mm
Packaging weight	18 kg
Environment	Temperature: 5 to 40°C, 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 Corp. (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 (32/64-bit)	-
Roland CutStudio	Windows® 7/8/8.1 (32/64-bit), Windows Vista® Home Premium (32-bit)/Business (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 extension adjuster, made of resin
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## OPTIONAL STAND

GXS-24	Optional stand
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