

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

PRODUCT SPECIFICATIONS

| | |
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| 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 PMS-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

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| 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

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| XD-CH3 | For sign vinyl in general. Blade holder with blade extension adjuster, made of resin |
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OPTIONAL STAND

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| GXS-24 | Optional stand |
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