

Roland GS-24 The Best Desktop Cutter Ever

Specs:

Model	GS-24
Driving method	Digital control servo motor
Cutting method	Media-moving method
Loadable material width	2 to 27-1/2 in. (50 to 700 mm)
Maximum cutting area	Width: 22.9 in (584 mm) Length: 984.25 in (25000 mm)
Acceptable tool	Special blade for CAMM-1 series
Maximum cutting speed	19.69 in/s (500 mm/s) (all directions)
Maximum cutting media thickness	Up to .04 in (1 mm)
Cutting speed	.4 in to 19.69 in/s (10 to 500 mm/sec) (all directions)
Blade force	30 - 350 gf

Mechanical resolution	0.000492 in./step (0.0125 mm/step)
Software resolution	0.000984 in./step (0.025 mm/step)
Distance accuracy(1)	Error of less than ± 0.2 % of distance traveled, 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 interface (compliant with Universal Serial Bus Specification Revision 2.0 Full Speed, Connecting Multiple Units)
Re-plot memory	2MB
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)
Acoustic noise level during standby	40 dB (A) or less (according to ISO 7779)
Dimensions	33.5 in (W) × 12.2 (D) × 9.17 (H) [851 (W) x 310 (D) x 235 (H) mm] With stand 33.5 in (W) X 12.2 (D) X 40.75 (H) [851(W) X 310 (D) X 1035 mm (H)]
Weight	29.77 lbs. [13.5 kg] With stand 58 lb. [26 kg]
Packaging size	38 (W) x 17.7 (D) x 15.3 (H) in. [975 (W) x 450 (D) x 390 (H) mm]
Packaging weight	39.7 lb. (18 kg)
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 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®*7/8/8.1/10 (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® CC (2014) / CC (2015) / CC (2017)

Roland CutStudio Plug-in for CorelDRAW®	Windows®*	CorelDRAW® X6/X7/X8/2017
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