Create professional vehicle graphics that turn heads.

Contour cut pre-printed thermal transfers graphics. Ideal for personalizing dark apparel!

GX PRO
VINYL CUTTERS

Professional Graphics Production

Produce durable, eye-catching outdoor signage.

Re-size, re-position, rotate and mirror graphics for precision cutting. Roland CutStudio™ makes it easy!

Speed. Power. Precision. The Roland GX Pro lets you shift your graphics business into high gear. Powered by digital servomotors, these professional grade vinyl cutters achieve maximum accuracy and cutting speeds up to 33 inches per second with up to 350 grams of pressure. Vinyl vehicle graphics, window tint, signage, labels, stencils and even pinstriping come out crisp and clean.

These professional-grade cutters also include an optical registration system, making it fast and easy to contour cut full color pre-printed graphics. The ability to mate an existing printer with the GX Pro gives you a powerful and cost-effective print/cut solution. This feature lets you blow the doors off the competition with popular jobs like heat-transfer graphics for t-shirts, full-color POP displays, and vehicle wraps.

With bundled CutStudio™ design software, you can enlarge, reduce, re-position, rotate and mirror images. The software even has the ability to cut TrueType fonts without outlining. BMP, JPG, STX, AI, and EPS file formats are all supported.

Roland®
Advanced Solutions Division

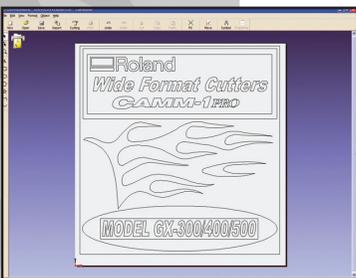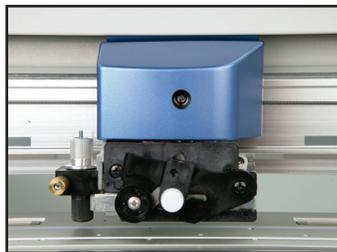## ■ *Specifications*   GX PRO VINYL CUTTERS Professional Graphics Production

Model	GX-300	GX-400	GX-500
Cutting method	Media-moving method		
Driving method	Digital control servo motor		
Maximum cutting area	29 x 984-1/8" (737 x 24,998 mm)	39 x 984-1/8" (1000 x 24,998 mm)	47 x 984-1/8" (1195 x 24,998 mm)
Acceptable media width	2" to 36" (50 x 915 mm)	3-1/2 to 46" (90 x 1178 mm)	3-1/2 to 54" (90 x 1372 mm)
Maximum cutting speed	During cutting: 33ips (850mm/sec.) [in all directions] During tool-up: 47 ips (1202mm/sec) [in 45° direction]		
Cutting force	20 to 350 gf		
Mechanical resolution	0.00049"/step (0.0125mm/step)		
Software resolution	0.00098"/step (0.025mm/step)		
Distance accuracy	Error of less than ± 0.2% of distance traveled, or 0.00039 (0.1mm), whichever is greater		
Repetition accuracy	0.1mm or less (excluding stretching/contraction of the material) Range for assured repetition accuracy For materials with a width exceeding 24" (610mm): Length 157-7/16" (4000mm) (GX-400/500 only) For materials with a width of 24" (610mm) or less: Length 314-15/16" (8000mm)		
Interface	Serial (RS-232C compatible), USB (Rev. 1.1)		
Buffer size	8MB (2MB for re-plot buffer)		
Power supply	AC 100V to 240V +/- 10% 50/60Hz 1.1A	AC 100V to 240V =/- 10% 50/60Hz 1.2A	
Power consumption	Approx. 95W	Approx. 100W	
Acoustic noise level	Cutting mode: under 62 dB (A) Standby Mode: under 40 dB (A) (According to ISO 7779)		
Dimensions with stand	45-1/16(W) x 28-5/8(D) x 43-13/16"(H) 1144(W) x 727(D) x 1113mm (H)	55-3/8(W) x 28-5/8(D) x 43-13/16"(H) 1407(W) x 727(D) x 1113mm(H	63-1/16(W) x 28-5/8(D) x 43-13/16"(H) 1602(W) x 727(D) x 1113mm (H)
Weight with stand	97lb. (44 kg)	112.4lb. (51 kg)	121.2 lb. (55 kg)
Operating temperature	41 to 104˚F (5 to 40˚C)		
Operating humidity	35 to 80% (non-condensing)		
Standard accessories	Power cord, blade, blade holder, alignment tool, cable clamp, replacement blade for separating knife, Roland Software Package CD-ROM (CutStudio design software, plug-ins for CorelDraw 10/11/12 and Adobe Illustrator 9/10/CS),startup guide, user manual		

Powerful servomotors achieve maximum accuracy and cutting speeds up to 33-inches per second.

Easy access USB and serial ports make connectivity a snap.

Convenient front panel makes it easy to adjust blade force, cutting speed and origin point. It also stores cutting conditions for up to eight pre-set jobs.

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