

SPECIFICATIONS

MODEL	GX-300	GX-400	GX-500
Mechanism	Media-movement method		
Driving method	Digital control servo motor		
Maximum cutting area	29 x 984-1/8" (737 x 24,998mm)	39 x 984-1/8" (1000 x 24,998mm)	47 x 984-1/8" (1195 x 24,998mm)
Acceptable media width	2 to 36" (50 to 915mm)	3-1/2 to 46" (90 to 1178mm)	3-1/2 to 54" (90 to 1372mm)
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)		
Instruction system	CAMM-GLIII		
Power supply	AC 100V to 240V +/- 10% 50/60Hz 1.2A	AC 100V to 240V +/- 10% 50/60Hz 1.1A	
Power consumption	Approx. 100W	Approx. 95W	
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 104F (5 to 40C)		
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, plugins for CorelDraw 10/11/12 and Adobe Illustrator 9/10/CS), startup guide, user manual		

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