

Specifications

Model	GR-640	GR-540
Mechanism / Driving method	Media-movement method / Digital control servo motor	
Acceptable media widths	Max. 70 in. (1,802 mm) Min. 6 in. (156 mm)	Max. 60 in (1,548 mm) Min. 6 in. (156 mm)
Maximum cutting area	Width: 65 in. (1,651 mm) Length: 984 in. (25 m)	Width: 55 in. (1,397 mm) Length: 984 in. (25 m)
Maximum cutting speed	1,485 mm/s (High speed mode - 45° direction)	
Maximum cutting media thickness:	Up to .04 in (1mm)	
Cutting speed / Cutting force	10 - 1,050 mm/s (in increments of 10 mm/s)/ 20 - 600 gf (in increments of 10 gf)	
Mechanical resolution	0.005 mm/step	
Software resolution	0.025 mm/step	
Distance accuracy	Error of no more than +/-0.2% of distance traveled, or 0.1 mm (0.00394 In.), whichever is greater	
Repetition accuracy *1 *2	0.1 mm or less	
Interface	Ethernet 10BASE-T / 100BASE-TX (auto-negotiation), USB 2.0 (full speed)	
Buffer size	8MB (2MB for re-plot buffer)	
Power supply / Consumption	AC 100 - 240 V 50/60 Hz 0.7 A/Approx. 70 W	
During operation	67 dB (A) or less (according to 1507779)	
During standby	43 dB (A) or less (according to 1507779)	
Dimensions with stand	85.2 in. (W) x 29.1 in. (D) x 46.8 in. (H) 2,165 mm (W) x 740 mm (D) x 1,190 mm (H)	75.2 in. (W) x 29.1 in. (D) x 46.8 in. (H) 1,910 mm (W) x 740 mm (D) x 1,190 mm (H)
Weight with stand	206.1 lb. (93.5 kg)	191.8 lbs. (87 kg)
Packaging dimensions	90.5 in. (W) x 22.2 in. (D) x 30.3 in. (H) 2,300 mm (W) x 565 mm (D) x 770 mm (H)	80.7 in. (W) x 22.2 in. (D) x 30.3 in. (H) 2,050 mm (W) x 565 mm (D) x 770 mm (H)
Packaging weight	282 lbs. (128 kg)	260 lbs. (118 kg)
Operating environment	Temperature: 5 to 40 °c (41 to 104 °F), Humidity: 35 to 80% (no condensation)	
Included items	Power cord, electrical plug adopter, blade (ZEC-U5032, 1pc), blade holder (XD-CH4-BL), cable clamp, replacement blades for separating knife, installation guide, USB cable (2 m), alignment tool, Roland DG software (to download), user's manual (to download)	

*1: Only applicable under certain internal test conditions with the usage of specific vinyl sheet and cut settings.

*2: Excluding stretching/contraction of the material.

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