XC-540

Printing method / Cutting method		Piezo inkjet / Friction feed
Printing & cutting width		Maximum 1,346 mm (53 in.) (185 to 1346mm)
Media Acceptable widths	Acceptable widths	260 to 1,371 mm (10-4/16 to 54 in.)
	Acceptable thickness	1.0 mm (39 mil) with liner, for printing Maximum 0.4 mm (16 mil) with liner and 0.22 mm (9 mil) without liner, for cutting
	Acceptable diameter	50.8 mm (2 in.) or 76.2 mm (3 in.)
	Acceptable roll weight	Maximum Media Weight Feed Roller 50 kg (110 lb.) Take-up Roller 30 kg (66 lb.)
Ink Cartridges Type	Type	Roland ECO-SOL MAX INK cartridges
	Capacity	220 or 440cc
	Colours	Black, Cyan, Magenta, Yellow, Lc, Lm
Printing Resolution		Maximum 1440 dpi
Setting range for the heater temperature	Pre-heater	30 to 50 °C (86 to 122 °F)
	Print-heater	30 to 50 °C (86 to 122 °F)
	Dryer	30 to 55 °C (86 to 122 °F)
Distance accuracy (When cutting)		Error of less than ± 0.4% of distance traveled, or ± 0.3 mm, whichever is greater. When distance correction ([CALIBRATION] - [CUTTING ADJ.]) has been preformed: error of less than ± 0.2 % of distance preformed, or ± 0.1mm, whichever is greater.
Printing Speed	450 x 360	27 sq mt/h
	360 x 720	14 sq mt/hr
	720 x 720	7 sq mt/hr
	1440 x 1440	2.8 sq mt/hr
Distance accuracy (When printing)	While the print heater and dryer are running	Error of less than ± 0.3% of distance traveled, or ± 0.3 mm, whichever is greater.
	While the print heater or dryer are not running	Error of less than ± 0.3% of distance traveled, or ± 0.3 mm, whichever is greater.
Cutting tool type		Standard swivel-knife cutting blades (Roland CAMM - 1 blades)
Cutting speed		10 to 600 mm/s (10 to 300 mm/s in the media-feed direction)
Blade force		30 to 300 grams of force
Blade offset compensation		0 to 1.5 mm (0 to 0.059 in)
Repetition accuracy (When cutting)		0.1mm or less (excluding stretching / contraction of media)
Repetition between printing and cutting		Excluding possible shift caused by expansion/contraction of the media and/or by reloading the media: ± 0.5 mm max. at 25°C (75°F)
Interface		Ethernet (10 BASE-T / 100 BASE - TX, automatic switching)
Power-saving function		Automatic sleep mode feature (compliant wyth the international ENERGY STAR Office Equipment Program
Power supply	Voltage and frequency	AC 100 to 120 V (± 10%) 50/60 Hz or AC 220 to 240 V (± 10%) 50/61 Hz
	Required power capacity	13 A (100 to 120 V) or 7 A (220 to 241V)
Power consumption	Printing mode	Approx. 1600W
	Sleep mode	47W
Acoustic noise levels	Printing mode	Approx. 64dB (A) or less according to ISO 7779
	Sleep mode	Approx. 45dB (A) or less according to ISO 7779
Dimensions (with stand and ink tray support)		2694 (W) x 1103 (D) x 1260 (H) mm (106-2/16 (W) x 43 -7/16 (D) x 49-10/16 (H) in.)
Weight (with stand)		197 kg (338 lb.)
Environment	Power on	Temperature from 15° to 32° C (59° to 90°F) with 20° C (68° F) or more recommended & humidity between 35 to 80% (non-condensing)
	Power off	Temperature from 5° to 40 ° C (41 ° to 104 °F) & humidity between 20 to 80% (non-condensing)
Items in the Box		XC-540 stand, cleaning liquid cartridges, power cord, media clamps, blade, blade holder, replacement blade for sheet cutter, Roland VersaWorks Software RIP CD, cleaning kit and manuals