

## SOLJET PRO III XC-540MT 54" Printer/Cutter

### XC-540MT Specifications

Model		XC-540MT
Printing method / Cutting method		Piezo inkjet / media moving
Printing & cutting width		Maximum 53 in. (1346 mm)
Media	Acceptable widths	10.25 to 54 in. (260.3 to 1371 mm)
	Acceptable thickness	Maximum 39 mil (1.0mm) for printing, 15 mil (0.4mm) for cutting
	Acceptable diameter	Maximum 7 in. (180mm)
	Acceptable roll weight	66 lb. (30 kg)
Ink cartridges	Type	Roland ECO-SOL MAX INK cartridges
	Capacity	220 or 440cc (White and metallic silver are 220cc only)
	Colors	Six Colors (Black, Cyan, Magenta, Yellow, White, Metallic Silver) Or Five Colors (Black, Cyan, Magenta, Yellow, White)
Printing resolution		Maximum 1440x1440 dpi CMYK, Maximum 720x1440 dpi White & Metallic Silver
Setting range for the heater temperature	Pre-heater	86° to 122° F (30° to 50 °C)
	Print heater	86° to 122° F (30° to 50 °C)
	Dryer	86° to 122° F (30° to 50 °C)
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.
Maximum Printing Speed	CMYK	441 sq ft/hr
	White	39 sq ft/hr
	Metallic Silver	23 sq ft/hr
	CMYKMT	17 sq ft/hr
Distance accuracy (When printing)	While the print heater and dryer are running	Error of less than +/- 0.3 % of the distance traveled, or +/- 0.3mm, whichever is greater.
	While the print heater or dryer are not running	Error of less than +/- 0.3 % of distance traveled, or +/- 0.3mm, 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 media feed direction)
Blade force		30 to 300 grams of force
Blade offset compensation		0.0 to 1.5mm
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: +/- 0.5mm max. at 75°F (25°C)
Interface		Ethernet (10 BASE-T / 100 BASE-TX, automatic switching)
Power-saving function		Automatic sleep mode feature
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 240 V)
Power consumption	Printing mode	Approx. 1,600 W
	Sleep mode	Approx. 47 W
Acoustic noise level	Printing mode	Approx. 64dB (A) or less (according to ISO 7779)
	Standby mode	Approx. 40dB (A) or less (according to ISO 7779)
Dimensions (with stand and ink tray support)		66.9" [W] x 39.4" [D] x 44.3" [H]      90.9" [W] x 39.4" [D] x 44.3" [H]
Weight (with stand)		193 lb. (87.5 kg)      240 lb. (109 kg)
Environment	Power on	Temperature from 59° to 90°F (15° to 32°C) with 68°F (20°C) or more recommended & humidity between 35 to 80% (non-condensing)
	Power off	Temperature from 41° to 104°F (5° to 40°C) & humidity between 20 to 80% (non-condensing)
Items in the Box		Printer stand, power cord, media clamps, media flanges, blade, blade holder, replacement cutter blade, cleaning kit, RIP software and manuals

## Heater and Blower (DU-540) Specifications

Dryer unit *1	Heating type (with blower fan), setting range for the preset temperature: 30 to 55°C (86 to 130°F)
Power requirements *2	AC 100 to 120V ±10%, 5A, 50/60 Hz or AC 220 to 240 V ±10%, 3A, 50/60 Hz
Power consumption	Approx. 650 W
Dimensions including printer	106-1/8 (W) x 47-11/16 (D) x 49-5/8 (H) in. (2,694 (W) x 1,210 (D) x 1,260 (H) mm)
Weight including printer	217 kg (478.3 lb.)

\*1 Warm-up is required after powerup. This may require 5 to 20 minutes, depending on the operating environment.

The preset temperature may fail to be reached depending on the ambient temperature and media width.

\*2 Be sure to check the breaker capacity and use separate power-outlets for the printer and the dryer.