SOLJET *PROIII*

Print&Cut XC-540

Setting a New
Performance Standard

New SOLJET PRO III Features:

- Maximum 1440 dpi resolution and Roland's innovative Print&Cut technology combine for outstanding image quality and precision contour cutting

- Ideal for a wide variety of applications including labels, decals, POP displays, banners, vehicle graphics, signs and more

- Powerful VersaWorks 2.0 RIP software is packed with upgrades including a new spot color library, and functions for spot color replacement, clipping and auto-nesting

- Impressive maximum print speed of 41 m²/h (441 sqft/hr) for high-volume production of billboards and large banners

- An optional heater and blower for even greater productivity

- A new, faster superior quality mode prints at 14 m²/h (150.7 sqft/hr) for indoor banners with optimum droplet control and ink density

- Integrated tri-heater system quickly dries a wide variety of media for immediate finishing, installation or collection by the take-up roller, even in high-speed mode

- Seamless integration of hardware, software and fully-optimized RIP software deliver the enhanced scratch resistance, quicker drying time, and higher ink density required for outdoor applications

- Included take-up roller supports up to 30 kg (66.15 lbs.) for unattended, high-volume production

Photo: *XC-540* with DU-540

XC-540 Specifications

Printing/cutting method	Piezo inkjet/media-moving method
Acceptable media widths	260 to 1371 mm (10-4/16 to 54 in.)
Printing/cutting width *1	Maximum 1346 mm (53 in.)
Ink cartridges	220 cc or 440 cc exclusive ECO-SOL MAX cartridge in six colors
Printing resolution (Printing dot resolution)	Maximum 1440 dpi
Cutting speed	10 to 600 mm/s (10 to 300 mm/s in the media-feed direction)
Blade force	30 to 300 gf
Blade offset compensation	0.000 to 1.500 mm (0 to 0.0591 in.)
Media take-up system (outside roll diameter and roll weight)	Maximum 180 mm (7.2 in) and Maximum 30 kg (66.15 lbs)
Heater *2	Preheater, print heater, Setting range for the preset temperature: 30 to 55 °C (86 to 122 °F)
Interface	Ethernet (10BASE-T/100BASE-TX, automatic switching)
Power supply	Voltage and frequency	AC 100 to 120 V ±10 %, or AC 220 to 240 V ±10 %
	Required power capacity	13 A (100 to 120 V) or 7 A (220 to 240 V)
Power consumption	During operation	Approx. 1600 W
	Sleep mode	Approx. 47 W
Dimensions (With stand)	2694 (W) x 1065 (D) x 1260 (H) mm (106-2/16 (W) x 41-15/16 (D) x 49-10/16 (H) in.)
Weight (With stand)	197 kg (338 lb.)

*1 The length of printing or cutting is subject to the limitations of the software program or driver.
*2 The print heater temperature may not reach the preset temperature depending on ambient conditions or the width of the media.
   Unevenness in temperature may be larger depending on ambient conditions or the width of the media.

Heater Unit Specifications

On/off control of the heater		Dedicated power switch and an internal switch interlinked with the sub power for the printer
Setting range for the preset temperature of dryer *1		30 to 55 °C (86 to 122 °F) *1 Heating method (used in combination with the blower fan)
Power supply	Voltage and frequency	AC 100 to 120 V ±10 % 50/60 Hz or AC 220 to 240 V ±10 % 50/60 Hz
	Required power capacity	5 A (100 to 120 V) or 3 A (220 to 240 V)
Power consumption *2		Approx. 650 W
Dimensions including printer		2694 (W) x 1210 (D) x 1260 (H) mm (106-2/16 (W) x 47-11/16 (D) x 49-10/16 (H) in.)
Weight including printer		217 kg (478.5 lb.)

*1 Warm-up is required after powerup. This may require 5 to 20 minutes, depending on the operating environment.
   Depending on the ambient temperature and media width, the preset temperature may fail to be reached.
*2 Be sure to check the breaker capacity and use separate power-outlets for the printer and the dryer.

Options

ECO-SOL MAX INK 220 cc	ESL3-MG	Magenta
	ESL3-YE	Yellow
	ESL3-CY	Cyan
	ESL3-BK	Black
	ESL3-LC	Light cyan
	ESL3-LM	Light magenta
ECO-SOL MAX INK 440 cc	ESL3-4MG	Magenta
	ESL3-4YE	Yellow
	ESL3-4CY	Cyan
	ESL3-4BK	Black
	ESL3-4LC	Light cyan
	ESL3-4LM	Light magenta
Heater and blower	DU-540	For XC-540

VersaWorks System Requirements

Operating system	Windows XP Service Pack 1 or later or Windows 2000 Service Pack 4 or later
CPU	Pentium 4 2.0 GHz or faster recommended
RAM and free HDD space	1 GB (RAM) and 40 GB (HDD) or more recommended

Roland®

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