



Unleash the Power of White Ink

SOLJET PRO III
Print&Cut XC-540W





*This bottle was produced using Roland's MODELA PRO III MDX-540 milling machine.



New White ECO-SOL MAX INK for the SOLJET PRO III XC-540W Printer/Cutter

By adding the flexibility to print white floods, highlights or text on transparent media, White MAX Ink allows you to add a whole new dimension to your productivity and design.



SOLJET PRO III XC-540W Features:

- Three print options for added versatility: CMYK+White, White only, and CMYK*
- 54"-wide inkjet printer/cutter featuring precision digital printing and contour cutting* all in one device
- Produces decorative window films, package comps, signs, labels, decals, point of purchase displays and more — in virtually any custom shape
- Powerful Roland VersaWorks RIP software included
- Award-Winning ECO-SOL MAX ink sets with the addition of white ink
 - Exceptional image quality and vivid colors with outstanding ink density and opacity
 - Supports a wide range of uncoated media for lower production costs
 - Highly durable and scratch resistant for easy handling through the finishing and installation processes
 - User-friendly, virtually odorless and competitively priced to maximize your profits

*The take-up system does not support white ink printing or contour cutting applications.



XC-540W Specifications

Printing technology	Piezoelectric inkjet	Cutting speed	10 to 600 mm/s (10 to 300 mm/s in media-lead direction)
Media	Width	260 to 1,371 mm (10-1/14 to 54 in.)	Blade force
	Thickness	1.0 mm (39 mil) with liner for printing 0.4 mm (15 mil) with liner and 0.08 to 0.22 mm (3.2 to 8.6 mil) without liner for cutting	Blade offset
	Roll outer diameter	Maximum 180 mm (7 in.)	Media heating system *2
	Roll weight	Maximum 30 kg (66 lb.)	Print heater and preheater, setting range for the preset temperature: 30 to 50°C (86 to 122°F) Dryer, setting range for the preset temperature: 30 to 55°C (86 to 130°F)
Core diameter	50.8 mm (2 in.) or 76.2 mm (3 in.)	Power requirements	AC 100 to 120 V ±10 %, 50/60 Hz or AC 220 to 240 V ±10 %, 50/60 Hz
Printing/cutting width *1	Maximum 1,346 mm (53 in.)	Power consumption	During operation: Approx. 1,600 W Sleep mode: Approx. 47 W
Ink cartridges	Types	Roland ECO-SOL MAX INK	Dimensions (with stand)
	Capacity	220 cc or 440 cc	Weight (with stand)
Colors	Colors	Five colors (cyan, magenta, yellow, black and white)	Environmental
	Printing resolution (dots per inch)	Maximum 1440 dpi	Power on
			Power off

*1 The length of printing or cutting is subject to the limitations of the program or driver.

*2 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, it may not reach a preset temperature.

Heater Unit Specifications

Dryer unit *1	Heating type (with blower fan), setting range for the preset temperature: 30 to 55°C (86 to 130°F)	Power consumption	Approx. 650 W
Power requirements	Voltage and frequency	AC 100 to 120 V ±10 %, 50/60 Hz or AC 220 to 240 V ±10 %, 50/60 Hz	Dimensions including printer
	Power capacity *2	5 A (100 to 120 V) or 3 A (220 to 240 V)	Weight including printer

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, it may not reach a preset temperature.

*2 Be sure to connect the machine to an unshared electrical circuit and verify the amperage of the circuit breaker or fuse used.

Options

ECO-SOL MAX INK 220 cc	ESL3-WH	White	ECO-SOL MAX MEDIA	ESP-CL-1300	Transparent PET film, 1,300 mm x 30 m (51-2/16" x 98')
	ESL3-MG	Magenta		SP-CL-515T	Transparent PET film with adhesive, 515 mm x 20 m (20-4/16" x 65')
	ESL3-YE	Yellow		DU-540	1 set
	ESL3-CY	Cyan		SL-CL	1 pc.
ECO-SOL MAX INK 440 cc	ESL3-BK	Black	Blades	ZEC-U1005	For signage vinyl in general, 5 pcs.
	ESL3-4MG	Magenta		ZEC-U5025	For thick, reflective and fluorescent vinyl, 5 pcs.
	ESL3-4YE	Yellow	Blade holders	XD-CH3	Blade holder with blade extension adjuster, made of resin
	ESL3-4CY	Cyan		XC-CH2	Blade holder with blade extension adjuster, made of aluminum
	ESL3-4BK	Black			

ABOUT WHITE INK

1. The pigment in white ink will settle in the cartridge and ink flow system.
2. Due to the nature of white ink, you must shake the cartridge before each use and perform periodic maintenance to prevent clogged nozzles.
3. We recommend using a drying system to dry white ink thoroughly before printing CMYK over white ink.
4. Some color shift may occur when printing CMYK over white ink.
5. White ink offers less longevity than CMYK and is affected by environmental conditions.

ISO 14001:2004 and ISO 9001:2000 Certified

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