



ROLAND SOLJET PRO III XC-540

With numerous engineering upgrades and an impressive maximum print speed of 441 sqft/hr, the PRO III XC-540 is the ultimate high-volume production tool for stunning indoor and outdoor banners, signs, vehicles, decals, displays and more.



 Roland®

“EXCEPTIONAL”

XC-540 OWNER KURT ROBINSON, SURE SIGNS

SOLJET PRO III XC-540

Roland

SOLJET PRO III
XC-540



Never sacrifice quality for performance. That's the philosophy behind the engineering of the XC-540. And it comes through in every phase of production. Wide format photorealistic printing, an impressive maximum print speed of 441 sqft./hr, and accurate contour cutting – all in one integrated, ruggedly reliable device – make the SOLJET PRO III XC-540 the ultimate high-volume production tool for stunning indoor and outdoor banners, vehicles, decals, displays and just about any sign imaginable.

High-volume and High-quality Come Together

When printing at higher speeds, many printers can produce only low density color with severely reduced image quality. Roland's unique Precision Firing Pattern was designed to achieve the highest printing speeds possible while maintaining vibrant high density colors. The XC-540's 6-color CMYKLCm ink set produces stunning images with unparalleled color gamut, density and image quality in any print mode.

Streamlined Integrated Print/Cut Workflow

Printed graphics are only one part of the market. Today, print/cut graphics are the fastest growing segment of the durable graphics industry. And nobody masters cutting like Roland. By merging unattended printing and contour cutting on a single device, the XC-540 streamlines the production process, improves accuracy, and eliminates the need to reload and reposition non-laminated graphics. For accurate cutting of laminated graphics, our Quadralign® four-point optical registration system automatically realigns the cutting path and compensates for any skew and distortion. For added versatility, the XC-540 can also function independently as a stand-alone vinyl cutter for sign or display production.

Advanced ECO-SOL MAX INK...Vibrant, Durable and Safe

ECO-SOL MAX provides faster drying time, higher density, wider color gamut, improved scratch resistance, lower cost per square foot, and performance across a wide range of coated and uncoated media from adhesive vinyls to backlit film. ECO-SOL MAX ink is virtually odorless and produces graphics that are water and UV resistant up to 3 years outdoors without lamination.

Get Spot Colors Right with the Roland Color Matching System

One of the biggest challenges faced in the print-for-pay market is communicating and approving spot color reproduction. When six different customers say they want "red" they could be thinking of six different shades of red...from watermelon to fire engine. The Roland Color Matching System gives you the tools you need to allow you and your customers to pick a spot color knowing exactly how it will print on a specific media on YOUR device. No guesswork, no tweaking or wasted prints. You just identify the desired Roland Color swatch and rely on consistent reproduction.



Advanced Media Handling for More Efficient Production

One of the keys to high-productivity is reliable unattended printing. The XC-540 boasts an Advanced Media Handling System specifically engineered for the carefree production of longer print jobs. Every detail has been precision engineered to provide greater media control...from additional pinch rollers to extended media guides and an enhanced vacuum platen. Most importantly, the XC-540 comes standard with an integrated take-up and tension system, providing even greater freedom during high speed unattended production.

Integrated Tri-heater System Dries Prints Quickly

Nothing can slow down production faster than inadequate drying. With a pre-heater that improves media receptiveness, a print heater to accelerate ink fastness and brightness, and a dryer to accelerate the drying process and improve workability and scratch resistance, the XC-540 dries prints quickly even in high-speed modes for immediate finishing, installation or collection by the take-up system.

Includes Powerful Roland VersaWorks™ RIP

Fast and flexible, VersaWorks gives you greater control over color and a wide variety of contour cutting, layout, edit and print functions. Built on an Adobe® Postscript® engine, VersaWorks supports true Adobe Postscript 3 and is compatible with Windows® 2000 and XP operating systems. Advanced features include variable data printing, which allows you to import images and text from a database at the RIP level for fast production of multiple variations of signs, decals and other graphics.

Designed to be Rugged and Reliable

The XC-540 is a bulletproof workhorse that requires significantly less servicing than most inkjets to provide years of trouble-free service. Automated cleaning and periodic maintenance functions enable the device to effectively maintain and clean itself, requiring minimal bimonthly operator maintenance. It's backed with a full two-year warranty and our Passport Customer Care Program.



ETHERNET CONNECTIVITY

PINCH ROLLERS

ECO-SOL MAX INKS

PRINT-HEATER

PRINT HEATER WITH OPTIONAL DRYER SYSTEM

AUTOMATED TAKE-UP SYSTEM

ADVANCED MEDIA HANDLING



SOLJET PRO III XC-540 INKJET PRINTER/CUTTER SHOWN WITH OPTIONAL DU-540 DRYER/BLOWER SYSTEM



Optional DU-540 Dryer System

To fully take advantage of the PRO III XC-540's high print speeds and exceptional ink saturation, Roland recommends the optional DU-540 dryer and blower system. The DU-540 integrates seamlessly with the PRO III XC-540 for optimum ease of use.

PRODUCT HIGHLIGHTS

- Integrated print/cut capabilities
- Blazing print speeds up to 441 sqft./hr.
- 54" maximum media width
- Advanced ECO-SOL MAX INK
 - > Available in 440 or 220 cc cartridges
 - > Bonds to both uncoated and coated media
 - > Vibrant water, scratch and UV resistant graphics
 - > 3-year outdoor durability without lamination*
- Vibrant 6-color CMYKLcLm printing
- Photorealistic printing up to 1440x1440 dpi
- Variable Droplet Technology for superb detail
- New precision firing pattern
- New Roland VersaWorks™ RIP included
- Automated take-up system included
- Supports rolls up to 66 lbs.
- New 2-year warranty on parts and labor

SPECIFICATIONS

SOLJET PRO III XC-540

Print resolution	450 x 360, 360 x 720 dpi, 720 x 720 dpi, 720 x 1440 dpi, 1080 x 1080 dpi, 1440 x 1440 dpi selectable
Printing/cutting width	7-5/16 to 53 in. (186 to 1346 mm)
Acceptable media width	8-5/16 to 54 in. (212 to 1372 mm)
Ink cartridges	Type Capacity Color
	Roland ECO-SOL MAX INK 12 cartridges: 220 cc 440 cc ± 5 cc 6 color (CMYKLcLm)
Max. printing/cutting speed	Maximum 441 sq. ft./hr / 11.8 ips
Cutting force/offset	30 to 300 gf / 0 to 1.5 mm
Interface	Ethernet (10 BASE-T / 100 BASE-TX, automatic switching)
Power-saving function	Automatic sleep feature (compliant with the International ENERGY STAR® Office Equipment Program)
Power-supply	AC 100 to 120 V +/- 10% 50/60 Hz or AC 220 to 240 V +/- 10% 50/61 Hz, / 13 A (100 to 120 V) or 7 A (220 to 241V)
Media heating system	User-selectable temperature from 86° to 122° (30-50°C)
Power consumption	Printing mode: 500 W (117V) or 610 W (220 to 240V) / Standby mode: 55.4 W
Dimensions (with stand)	106-1/8 (2694 mm) [W] x 41-15/16 (1065 mm) [D] x 49-5/8 (1260 mm) [H] in.
Weight (with stand)	338 lb (199 kg)
Environment	Power on Power off
	Temperature: 59-90°F (15-32°C) Humidity: 35-80% (no condensation) Temperature: 41-104°F (5-40°C) Humidity: 20-80%

* Outdoor durability is based on accelerated weather tests. Results may vary depending upon location and application. Dry times vary depending on specific media characteristics. Lamination may be required for some applications or environmental conditions.

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ROGA-XC-02 January 2007