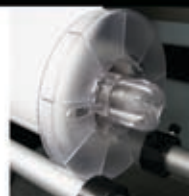


# PURE PRINT/CUT PERFORMANCE

WITH ROLAND INTELLIGENT PASS CONTROL™

Roland

SOLJET PRO III  
XC-540







### **Roland Intelligent Pass Control™ for unsurpassed quality and productivity**

Many companies are attempting to address the issue of banding with solutions that involve simply disguising the banding patterns. Roland has taken a different approach. Roland Intelligent Pass Control virtually eliminates banding by optimizing masking patterns and dot placement at the edge of each pass, overlapping and feathering consecutive passes together so that they literally become one continuous image. No edges. No banding. In combination with Roland VersaWorks™ RIP software, Roland Intelligent Pass Control delivers unmatched image quality overall with smoother gradations and dense, flawless solid colors in every print mode. This patent-pending technology also increases productivity by allowing you to achieve the same visible print quality while printing at higher speeds.

### **Streamlined integrated print/cut workflow**

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 laminated graphics, Roland's four-point Quadralign® optical registration system realigns the cutting path and compensates for skew and distortion. The XC-540 performs as printer, printer/cutter or stand-alone vinyl cutter.

### **Advanced ECO-SOL MAX ink for outstanding gamut and durability**

This award-winning innovation in ink technology provides fast drying time, high density, wide color gamut, rugged scratch resistance, low cost per square foot and broad uncoated media support. MAX is virtually odorless and water and UV resistant up to 3 years outdoors without lamination. For the standard six-color configuration, ECO-SOL MAX comes in CMYKLcM ink.

### **Metallic Silver Ink option for added impact**

Metallic Silver ECO-SOL MAX ink produces rich silver and metallic color fills along with sharp text and graphics that look great both up close and at a distance. With the XC-540MT printer/cutter, you can print Metallic Silver only, or combine it with CMYK to create thousands of metallic colors. Text and graphics are especially vibrant when printed on clear media with files containing CMYK, Metallic Silver and White layers. Printing white as an undercoat further enhances the opacity of Metallic Silver and CMYK. Users can choose either CMYK+W+MT, or CMYK+WW.

### **Advanced media handling for more efficient production**

The XC-540 boasts an advanced media handling system specifically engineered for the automated production of longer print jobs. Every detail has been precision engineered to provide greater media control, from additional pinch rollers and extended media guides to an enhanced vacuum platen, upgraded media flanges and more. 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**

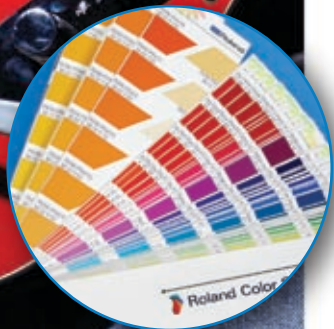
With a pre-heater that improves media receptiveness, a print heater to accelerate ink fastness and brightness, and a dryer to accelerate the drying process and improve workability and scratch resistance, the XC-540 dries prints quickly even in high-speed modes for immediate finishing and collection by the take-up system.

### **Includes powerful VersaWorks RIP software featuring a host of productivity tools**

Based on the genuine Adobe CPSI™ engine, VersaWorks is now faster and more precise than ever before and features advanced print server functions allowing users to manage up to four Roland inkjet devices simultaneously. VersaWorks estimates the ink usage and print time for each graphic produced, and allows users to preview jobs on screen, reducing ink and media consumption due to mistakes. VersaWorks features also include proven productivity tools such as the Roland Color System for spot color fidelity, the Max Impact Preset for richer color contrast, and Variable Data Printing. The VersaWorks PerfCut function enables users to produce precision perforated cut lines. VersaWorks supports Windows 2000/XP, Vista and Windows 7.

### **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. Roland's in-line head configuration also eliminates the need for lengthy calibration procedures and costly down time. It's backed with our Roland Care Passport Program and a full two-year warranty,\*\* including print heads.



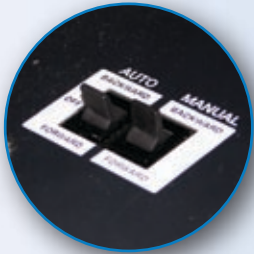
\* In Standard print mode when printing on vinyl. Print speeds vary depending on the media and print mode selected.  
\*\* When you register your machine within 60 days and use only Roland inks.



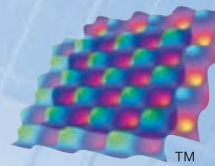


## PURE PRINT PERFORMANCE. PLUS LEGENDARY VERSATILITY.

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



**SOLJET PRO III XC-540**  
54" PRINTER/CUTTER



**Roland  
Intelligent  
Pass  
Control**





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



**PRODUCT HIGHLIGHTS**

- Integrated print/cut capabilities
- 54" maximum media width
- Roland Intelligent Pass Control technology
- Blazing print speeds up to 441 sqft/hr for six-color CMYKLCm printing
- Photorealistic printing up to 1440x1440 dpi
- Advanced ECO-SOL MAX Ink
  - Available in 440 or 220 cc cartridges
  - Bonds to uncoated and coated media
  - Vibrant water, scratch and UV resistant graphics
  - 3-year outdoor durability without lamination\*
- Variable Droplet Technology for superb detail
- Precision Firing Pattern
- Roland VersaWorks RIP software included
  - Roland Color System for precise spot color matching
  - Manage up to four Roland printers on network
  - Variable Data Printing
  - Estimates ink usage and print time
- Supports rolls up to 66 lbs.
- Two-Year Trouble-Free Warranty\*\*
- Metallic silver and white ink option available with the XC-540MT model

**DU-540 Dryer System**

To take full advantage of the XC-540's high print speeds and exceptional ink saturation, Roland recommends the DU-540 dryer and blower system. Designed for ease of use, this fully integrated unit is optional for CMYKLCm printing and standard on the XC-540MT.



Enjoy peace of mind and longer machine life. Roland Care Protection Plus Extended Warranties provide you with easy, cost-effective maintenance and support for your Roland equipment. Three low-cost are options available. Visit [www.rolanddga.com/warranties](http://www.rolanddga.com/warranties) for details.

SPECIFICATIONS		SOLJET PRO III XC-540
Print resolution		360 x 360 dpi, 360 x 720 dpi, 540 x 360 dpi, 720 x 720 dpi, 720 x 1440 dpi, 1440 x 1440 dpi selectable
Printing/cutting width		Maximum 53 in. (1346 mm)
Acceptable media width		10 1/4 to 54 in. (260 to 1,371 mm)
Ink cartridges	Type Capacity Color	Roland ECO-SOL MAX INK 12 cartridges: 220 cc 440 cc ± 5 cc 6 color (CMYKLCm)
Max. printing/cutting speed		Maximum 441 sqft/hr / 10 to 600mm/sec (10 to 300 mm/sec in media feed direction)
Cutting force/offset		30 to 300 gf / 0 to 0.00591 in. (0 to 1.5 mm)
Interface		Ethernet (10 BASE-T / 100 BASE-TX, automatic switching)
Power-saving function		Automatic sleep feature
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: 1600 W / Standby mode: 47 W
Dimensions (with stand)		106 1/8 in. (2694 mm) [W] x 43 7/16 in. (1103 mm) [D] x 49 5/8 in. (1260 mm) [H]
Weight (with stand)		434.3 lb (197 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.  
 \*\*Registration within 60 days and continuous exclusive use of Roland Inks during the first two years of ownership is required to qualify for the free second year of limited warranty coverage. Additional Terms and Conditions apply.  
 Specifications subject to change.

