

introducing the world's first white Eco-SOL ink



Revolutionary new White Eco-SOL INK is more than just the industry's first eco-solvent™ white ink. It's the foundation of a whole new business opportunity, pure and simple.

Unleash an avalanche of opportunity

Offered as an option for SOLJET™ SC-545EX integrated printer/cutters, White Eco-SOL INK transforms these inkjets into full-fledged production machines for a world awash in white.

What can white ink do for you?

White ink isn't just for printing white letters. The opacity and brightness of other colors are greatly increased by printing white in the background. White ink also allows you to combine small text and vivid images onto a single piece of transparent media to create one graphic that can be applied with virtually no weeding. All brightened with the crisp boldness of white!

Imagine the possibilities

Choose from a wide selection of transparent substrates for window signs, POP, packaging comps, labels and decals. This list of substrates – and the opportunities that come with it – is continually growing, so be sure to look for the latest updates at www.rolanddga.com/whiteink.

White Eco-SOL INK is the only solution on the market today that allows you to take advantage of Roland's award-winning inkjet technology – all in an eco-solvent environment that does not require special environmental equipment. Best of all, White Eco-SOL INK comes from Roland and is backed by our legendary standards for quality, service and reliability.

White on!

White Eco-SOL INK Features:

- Industry's first eco-solvent white ink
- Prints crisp, white graphics onto specialty vinyls, including transparent substrates
- Safe to use and virtually odor free
- Requires no special environmental or ventilation equipment
- Available as an option for SC-545EX printer/cutters
- Comes in convenient, no-mess 220 ml cartridge





SOLJET Pro II V Sc-545EX INKJET PRINTER/Cutter with white ink option



SC-545EX key features

- Integrated print/cut capabilities
- Vibrant 5-color CMYK + White printing
- Roland VersaWorks™ software included
- 54" maximum media width
- Advanced Eco-SOL INK
 - > Bonds to both uncoated and coated media
 - > Vibrant water, scratch and UV resistant graphics
 - > Durable up to 3-years outdoors*
 - > Contains no harmful VOCs
 - > No special ventilation equipment required
- Up to 1440 dpi resolution for photorealistic graphics
- Variable Droplet Technology for superb detail
- Ink running costs as low as 45¢ per sq. ft.
- Advanced heating and media handling systems
- Quadralign™ four-point optical registration system
- Also functions as a stand-alone vinyl cutter

Upgrade the SC-545EX with the White Ink Option

White Eco-SOL INK is available when ordering a new SC-545EX with the White INK Option. To obtain this you will need to place an order for a new SC-545EX and specify the White Ink Option.

Three selectable ink modes

The SC-545EX has been engineered for flexible production by allowing you to print in five-color CMYK+White, four-color CMYK, or single-color White. In five-color CMYK+White mode, the SC-545EX achieves high quality 720x1440 dpi printing. When white ink is not required, users can achieve faster output up to 160 sqft/hr at 360x720 dpi in the CMYK mode.

PRINT SPEEDS SOLJET PRO II V with White Ink

Print Mode	Resolution	Color	White
High Speed	360x720	160 sfph	n/a
Standard	360x720	81 sfph	n/a
High Quality	720x1440	38.75 sfph	37.67 sfph

Works in tandem with Roland VersaWorks™ RIP

The White Ink Option and the SC-545EX were developed in tandem with VersaWorks™. This all-new RIP was written by Roland software engineers to ensure exceptional

production output with unmatched ease of use.

VersaWorks recognizes the unique properties of files created for white ink and optimizes those files for output to the SC-545EX. In addition, VersaWorks advanced profiles help ensure quality output when using the high density required for white ink applications.

Automated maintenance reminders

The unique settling characteristics of white ink make it necessary to agitate the cartridge before each use, and to perform routine ink system maintenance to ensure ink lines remain free of sediment. The SC-545EX includes two firmware-controlled maintenance reminders to ensure proper operation. Full cleaning requires the use of a cleaning cartridge.

Media heating system requirements

The SC-545EX has one media heater to aid in pre-heating, printing and ink drying functions. Under normal conditions the SC-545EX is able to print full density using CMYKW without the need for additional heaters. However, certain media may require additional heaters to adequately dry the first white ink layer prior to overprinting with CMYK. For more information, contact your Roland Authorized Dealer, or visit www.rolanddga.com/whiteink.

By adding the flexibility to print white floods or highlights on transparent media, the White Ink Option expands the range of applications for the feature-rich SC-545EX printer/cutter and allows you to take productivity and design to a whole new dimension.

* 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.

Built with precision. Backed with passion.™

FOR COMPLETE PRODUCT SPECIFICATIONS AND FEATURES, OR TO REQUEST A SAMPLE PRINT, CALL 800-542-2307 OR VISIT WWW.ROLANDDGA.COM
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