SOLJET PRO II V SC-545EX 54" ECO-SOLVENT™ INKJET PRINTER/CUTTER

As Roland's top-of-the-line printer/cutter, the SC-545EX combines unrivaled six-color printing with precision contour cutting.

MAX ON BOARD

A winning combination of speed and quality
The SC-545EX is both a beauty and a beast. Six-color CMYKLcLm printing with resolutions up to 1440 dpi and advanced variable droplet technology produce truly breathtaking output with vibrant color and smooth, dot-free tones. And it's as fast as it is beautiful. With one-inch-wide print heads that employ 360 nozzles each, the SC-545EX prints 450 x 360 dpi graphics at 315 sqft/hr.

The advantage of integrated printing and cutting
The SC-545EX provides unattended printing and contour cutting on a single device. By merging the tasks of multiple machines, its integrated design streamlines the production process, improves accuracy, and eliminates the need to reload and reposition non-laminated graphics.

New ECO-SOL MAX ink adds punch to your graphics
Revolutionary new ECO-SOL MAX ink boosts the performance of your SOLJET PRO II V inkjet with wider color gamut, improved scratch resistance, faster drying time, and lower cost per square foot. In addition, ECO-SOL MAX is virtually odorless, safe to use, and durable up to three years outdoors without lamination.

Quadralign® ensures accurate contour cutting
For accurate cutting of laminated graphics, our advanced Quadralign four-point optical registration system automatically realigns the cutting path after laminated prints are reloaded and compensates for any skew and distortion.

Includes powerful Roland VersaWorks™ software RIP
Fast and flexible, VersaWorks was developed exclusively by Roland engineers to give you greater control over color and a wide variety of contour cutting, layout, edit and print functions. It is built upon a genuine Adobe® PostScript® 3™ engine and is compatible with Windows® 2000/XP.

Eco-SOL Media...profiled for flawless performance
Eco-SOL Media includes a wide selection of competitively priced, uncoated adhesive-backed vinyls and other popular substrates. Additional materials include heat transfer, backlit film, matte artist canvas, high-quality matte paper and more.

Designed to be rugged and reliable
The SC-545EX is a bulletproof workhorse that requires significantly less servicing than most inkjets to provide years of trouble-free service. It's backed with a full-one year warranty and our Passport Customer Care Program.

Roland®

SOLJET PRO II V SC-545EX INKJET PRINTER/CUTTER

PRODUCT HIGHLIGHTS

- Integrated print/cut capabilities
- Roland VersaWorks™ software included
- 54" maximum media width
- New Eco-SOL MAX ink
  - Tougher, with improved scratch resistance
  - Fast drying
  - More vivid, with wider color gamut for reds, blues and greens
  - Virtually odorless and user-friendly
  - Water- and UV-resistant up to 3 years outdoors without lamination

- Vibrant 6-color CMYKLcLm printing
- Up to 1440 dpi resolution for photorealistic graphics
- Variable Droplet Technology for superb detail
- 315 sqft/hr print speed at 450x360 dpi
- Ink running costs as low as 16 cents per sq. ft.
- Advanced heating and media handling systems
- Quadralign™ four-point optical registration system
- Also functions as a stand-alone vinyl cutter

SPECIFICATIONS

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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 ± 5 cc 6 color (CMYKLcLm)
Max. printing/cutting speed		315 sq. ft./hr at 450 x 360 dpi / maximum 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 117 V ±10%, 50/60 Hz or AC 220 to 240 V ±10%, 50/65 Hz, / 4.5 A (117 V) or 2.6 A (220 to 240 V)
Media heating system		User-selectable temperature from 96° to 122° (36-50°C)
Power consumption		Printing mode: 500 W (117V) or 610 W (220 to 240V) / Standby mode: 55.4 W
Dimensions (with stand)		106-5/16 (2700 mm) [W] x 29-1/4 (743 mm) [D] x 51-15/16 (1319 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.

Built with precision. Backed with passion.™