

VERSAUV LEC-300 UV INKJET PRINTER/CUTTER



FEEL THE COLOR

Take one look at a finished print and the innovation is clear. Across a vast range of substrates, the LEC-300 prints CMYK plus White plus Clear Coat and automatically contour cuts for unmatched versatility. It's ideal for proofs, label and packaging prototypes and short run production. Powered by Roland Intelligent Pass Control™ technology, the LEC-300 delivers vibrant, detailed image quality in all print modes with virtually no signs of banding. White ECO-UV ink creates crisp, flawless graphics and text and can be used as an undercoat to enhance the brightness of prints. ECO-UV Clear Coat adds remarkably rich special effects ranging from high-gloss finishes for area highlights to custom-textured effects such as faux leather, crocodile skin and even Braille. Contour cutting produces custom graphics of virtually any size and shape.

An unprecedented range of substrates

Imagine it. Print it. The VersaUV LEC-300 prints on paper including clear and metallic media for labels, decals, POP displays and posters. You can also print directly onto synthetic and natural leathers, window coverings, tapestries, fabrics and other interior décor items. VersaUV also supports printing on foils, BOPP, PE, PET film, offset printing paper stock and more, up to 30" wide.

Ideal for pre-press proofs and short run production

The LEC-300 is a very capable pre-press and proofing device that can print directly onto offset print stock and can save commercial printers the many costs associated with press downtime. In small quantities, you can easily produce truly unique, customized graphics and wraps of virtually any shape, size and texture, with no plates or film to produce.

Integrated print/cut feature streamlines production

By automatically contour cutting printed graphics and eliminating the need to reload and reposition graphics, the LEC-300 integrated cutter saves valuable time and effort.

ECO-UV...the world's most advanced UV inks

Instant drying and flexible, ECO-UV ink delivers high density and wide color gamut for exceptional images print after print. Prints require no degassing and can be stretched and applied around curved surfaces and edges without cracking. ECO-UV clear coat gives an unprecedented high gloss finish to UV output, and also improves scratch and chemical resistance for greater outdoor durability. Packaged in no-mess 220ml cartridges, ECO-UV ink is VOC-free and safe after curing.

State of the art curing system

LEC-300 LED lamps last up to 10,000 hours, which is ten times longer than conventional UV lamps. While conventional UV lamps can reach temperatures as high as 1500°F requiring complete heat management systems, the LED lamps on the LEC-300 generate very little heat. LED lamps can be turned on and off instantly and are ready to use immediately after the printer is turned on, greatly enhancing productivity while protecting substrates. The first-of-its-kind staggered arrangement of two UV lamps is another Roland innovation, enabling a choice of gloss or matte clear coat finishes.

Includes VersaWorks™ RIP for enhanced productivity

Built on the latest Adobe® CPSI™ engine, VersaWorks™ combines powerful features with an easy-to-use interface for outstanding results print after print. VersaWorks features advanced print server functions allowing users to manage up to four Roland inkjet devices simultaneously, and proven productivity tools such as the Roland Color System for easy precise spot color matching, the Max Impact Preset for richer color contrast, Variable Data Printing, software proofing, and embedded ICC profile support.

The Roland promise of rugged reliability

Backed with a Two-Year Trouble-Free Warranty and our Passport Customer Care Program, the LEC-300 is designed to provide years of trouble-free service.

The environmentally friendly VersaUV LEC-300 is the world's first UV inkjet printer/cutter. Using safe, low-heat LED lamps, the VersaUV prints beautifully in CMYK plus White and Clear Coat on hundreds of media options, including flexible specialty substrates.



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PRODUCT HIGHLIGHTS

- 30" maximum media width
- World's first UV inkjet printer/cutter
- Outstanding image quality up to 1440 dpi
- Ideal for proofs, label and packaging prototypes and short run production
- New generation ECO-UV inks
- Five-colors (CMYK+White) plus Clear Coat
- Layered clear coat produces unique dimensional textures and finishes
- Supports hundreds of media options, including
 - > PVC self-adhesive vinyl for wraps
 - > Paper for labels, decals, POP displays and posters
 - > Synthetic and genuine leathers for custom accessories
 - > Interior décor fabrics and other substrates
 - > Foils, BOPP, PE, PET film, offset printing paper stock
- Safe, long lasting and energy efficient LED Lamps
- Roland VersaWorks™ software included
 - > Easy-to-Use Graphical User Interface
 - > Roland Color System for precise spot color matching
 - > Variable Data Printing
 - > Manages up to four Roland printers on a network
 - > Max Impact Preset for richer color contrast
- Two-Year Trouble-Free Warranty

SPECIFICATIONS

VERSAUV LEC-300

Print resolution		360x720 dpi, 720x720, 720x1440 dpi
Printing/cutting width		Maximum 29 in. (736 mm)
Acceptable media width/roll weight		7.2 to 30 in. (182 to 762 mm) / Maximum 44 lb (20 kg)
Ink cartridges	Type Capacity Color	ECO-UV ink cartridges 220 ml +/- 5 ml Five color + clear coat (Cyan, Magenta, Yellow, Black, White and Clear)
Printing/cutting speed		Maximum 58 sqft/hr / 23.6 in/s (11.8 in/s in media feed direction)
Blade force		30 to 300gf
Distance accuracy		Error of less than +/- 0.3% of distance traveled, or 0.3 mm, whichever is greater
Interface		Ethernet (10 BASE-T / 100 BASE-TX, automatic switching)
Power-saving function		Automatic sleep feature
Power supply		AC 100 to 240 V +/- 10%, 50/60 Hz Required Power Capacity: Maximum 3.4A
Power consumption		During Operation: Maximum 320W / Standby mode: Approx. 23W
Dimensions (with stand)		86.6 [W] x 32.3 [D] x 49.6 [H] in (2200[W] x 820 [D] x 1260 [H] mm)
Weight (with stand)		386 lb. (175 kg)
Environment	Power on Power off	Temperature: 68-90°F (20-32°C) Humidity: 35-80% (no condensation) Temperature: 41-104°F (5-40°C) Humidity: 20-80% (no condensation)

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 ROLAND DGA CORPORATION | 15363 BARRANCA PARKWAY | IRVINE, CALIFORNIA 92618-2216 | 800.542.2307 | 949.727.2100 | CERTIFIED ISO 9001:2000

RDGA-LEC-01 September 2008