



flat out versatile.

Print vibrant UV inks including Clear Coat and White on virtually any media.





Product displays

for COSMETIC Skincare & MAKEUP

Outdoor signs

Indoor signs

Print stunning color and texture on roll media or board stocks up to a half-inch thick.



Explore applications possible with the LEJ at www.rolanddga.com/lej/apps

Unsurpassed Media Compatibility

The LEJ-640 enables printing on a variety of media, such as rigid corrugated cardboard for folding cartons, polycarbonate sheets for membrane switch applications and Fome-Cor® or Gatorfoam® for POP and exhibit walls. VersaUV also supports printing on BOPP, PE, PET film, offset printing stock and more. The low-heat UV-LED lamps allow printing on heat-sensitive media such as shrink wrap, pressure sensitive media and paper stocks with no risk of damaging the substrate.

ECO-UV Ink plus White and Clear Coat

The LEJ-640 prints ECO-UV® inks in CMYK + White + Clear. ECO-UV ink adheres to a wide range of substrates with exceptional color gamut, offering superior scratch and chemical resistance, plus outdoor durability of up to two years when Clear is applied. Clear ink adds remarkable special effects ranging from matte and gloss finishes to custom textures and even Braille. The Roland Texture Library provides 72 different texture fills.

Optional ECO-UV S ink expands up to 220 percent, allowing graphics to wrap uneven shapes, indentations, corners and curved surfaces. "ECO-UV S" ink is ideal for shrink sleeves and wraps and for thermo-forming applications.

Roland's unique automated Ink Circulation System circulates the white ink in the LEJ-640 every eight hours to prevent the settling of pigments in the lines. In addition, this system controls the discharge of white ink and minimizes waste by monitoring white ink usage and the types of jobs that are printed.





Window signage

Exterior POP

Membrane panels

Short-run labels

Stunning printing and embossing effects on roll media or board stocks up to a half-inch thick and 64 inches wide.

Please, don't call it a flatbed. Yes, our VersaUV LEJ-640 hybrid printer will handle virtually any 4' x 8' substrate up to a half-inch thick, including Fome-Cor®, Gatorfoam® and corrugated cardboard with ease. But that's just part of the story. Vibrant UV inks deliver superior images. White ink allows you to print text and graphics that stand out on a variety of clear and colored media. Layers of clear coat finish your graphics with custom patterns and embossing effects perfect for premium brands.

Now with just one device, you can explore a world of applications, from packaging prototypes and POP to wide-format signage, décor, exhibits and window displays. With everything the LEJ-640 delivers, "flat" doesn't begin to do it justice.

"We've really pushed the limits, and the VersaUV has handled whatever we've thrown at it. We've printed everything from small candy pouches on foils to point-of-purchase displays on solid bleached sulfate (SBS) board, all with great results."

Rob Torres, Director of Digital Media, White Graphics, Downers Grove, Illinois



POP & Signage

Print on rigid substrates up to 1/2-inch thick.



Proofing & Prototypes

Print on production substrates. Simulate emboss and varnish.

"Now we can print on just about anything. It's great to be able to say 'yes' to our clients, no matter what they ask us for."

Paige Zeigler, co-owner, Off the Wall Signs in Las Vegas, NV



For upcoming trade shows where you can see the LEJ in action, visit www.rolanddga.com/lej.

Roland®



VERSAUV LEJ-640 UV HYBRID FLATBED INKJET PRINTER

- 64-inch hybrid UV-LED inkjet printer
- Front and rear folding tables support rigid materials up to a half-inch thick including 4'x 8' sheets weighing up to 26 pounds
- Roll-to-roll mechanism for handling roll media
- Automated media take-up system facilitates precision unattended printing when using roll media
- Automated sensor technology detects improper media thickness setting and avoids head strikes
- ECO-UV inks available in three configurations:
 - > CMYK+White+Clear
 - > CMYK+White+White
 - > CMYK+Clear+Clear
- ECO-UV S inks available in CMYK+White+White
- Layered clear coat produces unique textures and finishes including matte and gloss varnish and embossing effects
- Choose from hundreds of media options including synthetic papers, BOPP, PE, PET film, corrugated cardboard, Gatorfoam®, Fome-Cor®, and more
- Includes VersaWorks® RIP Software
- Includes the Roland Color System and PANTONE® libraries for spot color matching.
- Maximum 1440 dpi image quality for fine quality and tiny text
- Print speeds up to 133 sqft./hr.
- Patent-pending automated Ink Circulation System
- Safe, long-lasting and low-heat LED lamps
- Lowest power consumption in its class
- Two-Year Trouble-Free Warranty*



VERSAUV LEJ-640
64" UV HYBRID PRINTER



For detailed features and specifications, visit www.rolanddga.com/lej.

PRODUCT SPECIFICATIONS

Model		LEJ-640	
Printing method		Piezoelectric inkjet / Grit roller feed	
Acceptable media	Width	Roll media: 8.3 to 64 in. (210 to 1625 mm) / Rigid or cut sheet: 9.9 to 64 in. (250 to 1625 mm)	
	Thickness	Roll media: Maximum 39 mil (1.0 mm) with liner / Rigid or cut sheet: 0.51 in. (13 mm)	
	Weight	Roll media: Maximum 88 lb. (40 kg) / Rigid or cut sheet: Maximum 26 lb. (12 kg)	
	Roll outer diameter Core diameter	Maximum 8.3 in. (210 mm) 3 in (76.2mm) / 2 in (50.8mm) with optional flanges	
Media take-up system		Maximum 8.3 in (210 mm) outer diameter / Maximum 88 lb. (40 kg) weight	
Printing width		Maximum 63.6 in (1615 mm)	
Maximum Printing Speed		133 sqft/hr in CMYK High Speed mode	
Ink cartridges	Type	ECO-UV**	ECO-UV S**
	Capacity Color Configuration	220 ml (± 5 ml) 6 colors (Cyan, Magenta, Yellow, Black, White, Gloss) CMYK+White+Clear, CMYK+White+White or CMYK+Clear+Clear	220 ml (± 5 ml) 5 colors (Cyan, Magenta, Yellow, Black, White) CMYK+White+White
Ink curing unit		Dual UV LED Lamps	
Printing resolutions		up to 1440 dpi	
Distance accuracy		Error of less than ± 0.3 % of distance traveled, or ± 0.012 in (0.3 mm), whichever is greater.	
Interface		Ethernet (10 BASE-T / 100 BASE-TX, automatic switching)	
Power-saving function		Automatic sleep feature	
Power supply	Voltage and frequency	AC 100 to 240 V ± 10%, 50/60 Hz	
	Required power capacity	Maximum 5.7 A	
Power consumption	During operation	Maximum 500W	
	Sleep mode	Approx. 15.2 W	
Dimensions (with stand)		Without table unit : 126[W]x33[D]x51[H] in (3184[W]x836[D]x1281[H] mm) / With table unit: 126[W]x145[D]x51[H] in (3184[W]x3658[D]x1281[H] mm)	
Weight (with stand)		Without table unit: 530 lb. (240 kg) / With table unit: 697 lb. (316 kg)	
Environment	Power on	Temperature: 68° to 90°F (20° to 32°C) (72°F [22°C] or more recommended) / Humidity: 35 to 80% (no condensation)	
	Power off	Temperature: 41° to 104°F (5° to 40°C) / Humidity: 20 to 80% (no condensation)	
Included items		Stand, power cord, media clamps, replacement blade for sheet cutter, cleaning kit, Roland VersaWorks software RIP, User's manual, etc.	

Specifications subject to change.

* 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.

** Room ventilation and a Roland approved air filtration system are required. Please consult the SDS for more guidance on the proper use and ventilation of ECO-UV or ECO-UV S inks.

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

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RDGA-LEJ-05 January 2015

Roland DGA Corp. has licensed the MMP technology from the TPL Group.