



Take your creativity
to new heights.

The world's only wide-format UV flatbed that can print on material 6-inches thick.

The LEJ-640FT flatbed UV printer is the latest, greatest addition to the award-winning VersaUV series. Delivering unparalleled 1440 dpi printing capabilities and superior compatibility, the LEJ-640FT offers the widest range of substrates—including heavy, rigid materials up to 6-inches thick and weighing up to 220 pounds. With the addition of White and Clear Coat ECO-UV® inks for dimensional effects, the LEJ-640FT can produce graphics that are anything but flat.

Unsurpassed Media Compatibility

The LEJ-640FT enables printing on a wide range of treated and untreated substrates, including foam boards, Sintra, acrylic, cardboard, plywood, MDF, heat- and pressure-sensitive media – and everything else in between – with exceptional image quality.

Advanced ECO-UV Inks

The LEJ-640FT uses ECO-UV inks available in CMYK, White, and Clear. Instant-drying and flexible, ECO-UV inks produce prints that can be stretched and applied around curved

surfaces and edges without cracking. With long-lasting, highly energy-efficient UV LED lamps, our state-of-the-art curing system instantly adheres ink to substrates. For added flexibility, the optional Eco-UV S inks expand up to 200 percent—and is perfect for thermoforming and shrink packaging applications. Roland's unique automated Ink Circulation System circulates the white ink in the LEJ-640FT every eight hours to prevent the settling of pigments in the lines. In addition, this system controls the discharge of white ink, reducing ink waste and eliminating manual maintenance.

Designed for the Environment and Safety

LEJ-640FT features an energy efficient UV LED curing system that produces no ozone and requires no warm-up time, maximizing productivity. Covers and UV filters protect the user from accidental exposure to UV lights and injuries from moving parts.



PRODUCT HIGHLIGHTS

- Unsurpassed media compatibility for materials up to 6-inches thick and 220 pounds
- Robust 64" (w) x 98" (l) flatbed
- Powerful, zoned vacuum system keeps materials flat.
- Advanced ECO-UV ink in CMYK plus White and Clear Coat
- Low-heat UV LED curing system
- Patent-pending automated Ink Circulation System
- Delivers a maximum print speed of 133 sqft/hr.
- Produces flawless 1440 x 1440 dpi prints
- Dual-gear stepper motors with a rack and pinion drive system for precision printing
- Handheld EZ Controller for convenient printer operation and status monitoring
- Replaceable felt print surface for substrate protection
- Dual sensors for automatic media thickness detection and head protection
- Cross-hair laser guide for precise base-point selection
- Roland Intelligent Pass Control™ for enhanced image quality

- VersaWorks® RIP software included
- Enhanced media presets included for added convenience
- Roland OnSupport™ sends production updates via email
- Two-Year Trouble-Free Warranty



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

PRODUCT SPECIFICATIONS

Model		LEJ-640FT
Printing technology		Piezoelectric inkjet
Acceptable media	Width and length Thickness Weight	64 in x 98 in (1625mm x 2490mm) Maximum 6 in (152mm) Maximum 220 lbs (100 kg)
Printing area		Maximum 63 in x 96 in (1600 mm x 2439 mm)
Maximum printing speed		133 sqft/hr in CMYK High Speed mode
Ink cartridges	Type Capacity Color Configuration	ECO-UV or ECO-UV S inks 220 ml (± 5 ml) ECO-UV: 6 colors (Cyan, Magenta, Yellow, Black, White and Gloss), ECO-UV S: 5 colors (Cyan, Magenta, Yellow, Black and White) ECO-UV: CMYK+White+Clear, CMYK+White+White or CMYK+Clear+Clear, ECO-UV S: CMYK+White+White
Ink curing unit		Dual UV LED Lamps
Printing resolutions		360x720 dpi, 540x720 dpi, 720x1080 dpi, 720x1440 dpi, 1440x1440 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 supply	Voltage and frequency Required power capacity	AC 220 V ± 10%, 50/60 Hz Maximum 30 A
Power consumption		Maximum 3.0kVA
Dimensions		126[W] x 147[D] x 47.5[H] in (3200[W] x 3734[D] x 1207[H] mm)
Weight		2612 lb. (1185 kg)
Environment	Power on Power off	Temperature: 68° to 90°F (20° to 32°C) (72°F [22°C] or more recommended) / Humidity: 35 to 80% (no condensation) Temperature: 41° to 104°F (5° to 40°C) / Humidity: 20 to 80% (no condensation)
Included items		Cleaning kit, Roland VersaWorks software RIP, User's manual, etc.

Specifications subject to change. *Except select consumables and customer replacement items. 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. See www.rolanddga.com/warranties for details.

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