





Flatbed printing onto rigid and flexible substrates up to 15cm thick.

technology, the VersaUV flatbed LEJ-640F prints CMYK plus white and clear inks onto both flexible materials and rigid substrates up to 15cm (6 inches) thick. With the LEJ-640F, you can print white on a variety of clear substrates for text and graphics that stand out. Layers of clear ink create custom patterns and embossing effects, perfect for premium brands. With a wide bed size of 1.6 by 2.5m, the LEJ-640F lets you explore a wide range of applications with just one device. POP to wide-format signage and window displays.

















Specialty inks add value and enhance your creativity

The LEJ-640F outperforms traditional CMYK printers with the addition of white and clear inks that together open up a new world of design opportunities. With high-opacity white ink, you can print crisp, bright text and graphics on a range of coloured and transparent material. Clear ink can be layered into striking gloss and matte finishes. More than 70 ready-to-apply patterns are included in Roland's

System Library.









themselves for optimum image quality in each print mode.

The LEJ-640F features the latest generation UV-LED lamps, designed to cure Roland ECO-UV inks. This state-of-the-art curing system is safe to use and

requires little power to operate. Lamps last LEJ-640F print modes and speeds up to 10,000 hours. The LEJ-640F LED curing lamps automatically reposition

*The life span of Roland UV-LED lamps may vary due to temperature and printing conditions.

while lowering costs

Print mode	Print speed
High quality	4.1 m ² /h (44.1 sqft/hr)
Standard	5.5 m ² /h (59.4 sqft/hr)
High speed	12.4 m ² /h (133.1 sqft/hr)

*Printed in CMYK, bi-directional

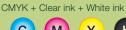
Versatility

The LEJ-640F can print on a wide range of materials; rigid, flexible and sheets. These include polyurethane, polystyrene, polypropylene, cardboard, aluminium panels, fluted and corrugated boards and acrylics. It's also possible to print on sheets of flexible material such as self adhesive vinyl, polycarbonate, PET, polyethylene and PVC banner. The versatility and ease of use allows the operator to deliver many types of applications from one device.

Advanced technology

A fully-automated, built-in sensor determines the relevant print head height for each job, allowing for the thickness of the media to be printed. This feature prevents head strikes and ensures reliable, high-quality printing up to 1440 x 1440 dpi across the widest range of substrates with weights up to 200Kgs. The bed can be divided up into seven areas for ease of material handling and maximum productivity. Roland's unique ink circulation system prevents white ink particles from settling for reduced waste and consistent print quality.

Choose from 3 different ink configurations







Large UV-LED lamps increase productivity







CMYK + Clear ink + Clear ink











CMYK + White ink + White ink















Flatbed printing onto rigid and flexible substrates up to 15cm thick.

Acceptable Media Dimensions Width 1.855 mm, Length 2.100 mm (sentendable) Printing area*1 Verification Width 1.615 mm, Length 2.100 mm Length out or ange*2 9 Mem 1.407 mm Mem 2.004 mm Incentifyee Type ECO V 200cc CO Obus CO year, Magenta, Yellow, Black, White and Gloss Vacuum system Turbine 2.2 Kin (three-phase) with silencing system Vacuum system Turbine 4 selectable reass (mm)* 750-500, 800-01100 Interface The mark East of 1000 Elemant East of 1000 Printing resolution Up 1 440 DPT Elemant East of 1000 Repetition on horizontal reposition Enum of less than − 0.7% of distance bravelled, or ± 0.3 mm (25°°C) Sum (25°°C) Repetition on horizontal reposition ± 0.001 mm Coll mm Memoral Automatic positions (Parallel South English) Memoral Automatic positions (Parallel South Engli	O If If			
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Thickness	Printing method		6 heads piezo, UV LED	
Printing area* Mes 200 kg Uniformating area 1 ms cartridges Type 600 vs 600	Acceptable Media	Dimensions	Width 1,625 mm, Length 2,100 mm (extendable)	
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Mindrage		Colours	Cyan, Magenta, Yellow, Black, White and Gloss	
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Weight Total 1,000kg		Minimum*4	1,700(L) x 3,233(P)	
1000	Printing bed height		895 mm	
Distribution on 4 points diameter 120mm (1510 x 2910 mm)	Weight	Total	1,000Kg	
			on 4 points diameter 120mm (1510 x 2910 mm)	

- *1 functional dimensions of vacuum bed.
 *2 not covered length, out of printing unit.
 *3 depends on number of starts of vacuum system, the air is used only for valve commands.
 *4 if required and with additional charge (towers installation on-site).

The usage of the machine is limited only to those instructed and trained by Roland. It is necessary to add the extracting air system

Roland VersaWorks System Requirements		
Operating system	Windows® 8 Professional/Ultimate (32-bit); Windows Vista® Business/Ultimate (32-bit edition), or Windows XP	
	Professional Service Pack 2 or later (32-bit)	
CPU	Core™2 Duo, 2.0 GHz or faster recommended	
RAM	2 GB or more recommended	
Video card and monitor	A resolution of 1,280 x 1,024 or more recommended	
Free hard-disk space	40 GB or more recommended	
Hard-disk file system	NTFS format	
Optical drive	DVD-ROM drive	

Options	Model	Description
	EUV-MG	Magenta, 220cc
	EUV-YE	Yellow, 220cc
ECO-UV Ink	EUV-CY	Cyan, 220cc
LOG OF IIIK	EUV-BK	Black, 220cc
	EUV-WH	White, 220cc
	EUV-GL	Gloss, 220cc

Roland VersaWorks RIP and Print Management Software





VersaWorks™ RIP software has been developed exclusively for use with all Roland inkjet printers and printer/cutters. Its technical foundations are built on the latest Adobe® Postscript engine, providing you with a powerful production tool to ensure quick, flexible and precisely colour matched output.

- Built with the latest Adobe PostScript (CPSI 3018) engine
- · Roland Color spot colour management system
- Roland Texture Libraries for clear inks
- Simultaneous RIP and print capability
- Colour matching features
 - Built-in PANTONE® library automates spot colour matching
- Predictive ink calculator estimates the amount of ink needed for each job
- Support for contour cutting
- Manages up to four Roland devices

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