

VersaUV S-Series

DIRECT TO SUBSTRATE UV-LED
FLATBED AND BELT PRINTERS



FLATBED

BELT

VersaUV S-Series

DIRECT TO SUBSTRATE PRINTERS

THE ULTIMATE VERSATILITY IN UV PRINTING

It's all about choice with the VersaUV S-Series: a range of 7 flatbed and belt UV-LED printers in a choice of sizes and configurations to match your production needs.

Pushing the boundaries of print possibilities, the S-Series delivers stunning quality graphics, photographic images, textures and embossed effects onto virtually any substrate or object, rigid or flexible, up to 200mm in height and 100kg/sqm in weight.

So when it comes to profit-making applications, the only limit is your imagination.

Features may differ by model. Check technical specifications for full details.



BELT



FLATBED

ENDLESS APPLICATION POSSIBILITIES

Ideal for busy Print Service Providers, with even the most diverse and demanding client bases, the S-Series' robust design and low-temperature curing ECO-UV ink make it ideal for large signage and exhibition graphics, high-impact POS displays, volume production of customised goods, promotional items, industrial marking applications, interior decoration, accessories, customised packaging prototypes and so much more.





S-SERIES BELT PRINTERS

For those short on space but big on ideas, S-Series belt printers deliver maximum productivity and versatility with minimum footprint. The continuous suction belt enables substrates and objects to be added to the belt for a 'non-stop' production workflow.

Easily configurable for fast, simple set-up from job to job, S-Series belt printers handle flexible and rigid substrates, plus roll-to-roll media. Flex production even further with the included media table* for direct print onto rigid substrates and objects of any length.

Available in 3 belt sizes:

LEC-330S-B150: 760 x 1470mm

LEJ-640S-B150: 1625 x 1470mm

LEJ-640S-B250: 1625 x 2470mm

*Additional tables available as option.



S-SERIES FLATBED PRINTERS

Ideal for boards, jigs or objects and substrates which are challenging to handle, there is an S-Series flatbed printer to suit budgets, workspace sizes and production requirements of all sizes. The multi-zone vacuum bed enables an uninterrupted production workflow, while the reverse vacuum function makes light work of positioning heavy and hard-to-handle substrates.

**1 FULL PRINT BED.
SEE WHAT YOU CAN PRODUCE.**

Mobile Phone Cases (78 x 158mm)



LEC-330S-F200 76 PIECES	LEJ-640S-F300 300 PIECES	LEJ-640S-F400 400 PIECES
LEJ-640S-F200 170 PIECES		

Available in 4 bed sizes:

LEC-330S-F200: 826 x 2090mm

LEJ-640S-F200: 1696 x 2090mm

LEJ-640S-F300: 1696 x 3090mm

LEJ-640S-F400: 1696 x 3818mm



UNPARALLELED PRINT QUALITY

With Roland's advanced ECO-UV ink you can offer your customers truly unique, premium products. Deliver high-impact, stunning quality full-colour graphics and impressive photographic images, all durable for outdoor and indoor use*.

White and Gloss inks, available as standard, offer even greater versatility. Add touches of brilliance and bright colour quality on dark and transparent surfaces with White ink. Plus, with Gloss ink you can deliver stylish textured and embossed effects, and both gloss and matt finishes.

For added flexibility, the S-Series also runs with ECO-UV S ink**. Stretching up to 220% with no signs of peeling and cracking, ECO-UV S ink is ideal for printing on shrink sleeves and shrink wraps, wrapping PET bottles, and for vacuum forming applications.

* ECO-UV ink lasts up to 2 years outdoors when Gloss layer applied. ** ECO-UV S ink in CMYKW.

Choice of 3 ink configurations



CMYK + White + Gloss



CMYK + White + White



CMYK + Gloss + Gloss

UNMATCHED SUBSTRATE COMPATIBILITY

Unlock a world of profit-making opportunity with a virtually limitless range of printable substrates and objects up to 200mm in height and 100kg/sqm in weight.

The S-Series delivers high-quality print directly onto almost any substrate including acrylic, glass, wood, plastic, canvas, board, leather, metals, banner, vinyl and more.*

* Primer may be needed for certain applications.



BUILT FOR BUSY PRODUCTION ENVIRONMENTS

The low-noise S-Series includes a host of features for simplified set-up and safe, efficient production including a separate user-friendly control panel for flexible operation, a status lamp tower for easy monitoring of production, a perimeter sensor to safeguard operators and an automated media sensor for effortless printing of irregular shaped objects and materials.

The VersaUV S-Series also includes a choice of two feature-packed RIP and automated workflow solutions to optimise output.*

The S-Series is built to provide years of reliable service, even in the most demanding environments, and is backed by Roland DG Care, one of the most comprehensive warranty packages in the industry.

An optional air filtration system is also available.



* Choice of Roland PrintStudio by Caldera or Roland VersaWorks Dual RIP software packages.

VersaUV S-Series Flatbed Specifications					
Model		LEC-330S-F200	LEJ-640S-F200	LEJ-640S-F300	LEJ-640S-F400
Acceptable media	Width	762 mm		1625 mm	
	Thickness/height	0.01 to 200 mm			
	Weight bed	100 kg / sqm			
Bed size		826 (W) x 2090 (D) mm	1696 (W) x 2090 (D) mm	1696 (W) x 3090 (D) mm	1696 (W) x 3818 (D) mm
Printing size		736 (W) x 1420 (L) x 200 (H) mm	1615 (W) x 1420(L) x 200 (H) mm	1615 (W) x 2500 (L) x 200 (H) mm	1615 (W) x 3200 (L) x 200 (H) mm
Vacuum system	Fan	1.5 kw (2 Phase) with silencer		3.0 (2 x 1.5) kw (3 Phase) with silencer	4.5 (3 x 1.5) kw (3 Phase) with silencer
	Vacuum zones	1		2	3
Power requirements		230V 16A 2P+E		400V 16A 3P+N+E	
Power consumption	Print with vacuum	Max. 2.5 kw		Max. 4 kw	Max. 6 kw
	Sleep mode	150 w			
Dimensions	Printer unit	2192 (W) x 2155 (D) x 1780 (H) mm	3160 (W) x 2155 (D) x 1780 (H) mm	3160 (W) x 3155 (D) x 1780 (H) mm	3160 (W) x 3883 (D) x 1780 (H) mm
	Control tower	530 (W) x 530 (D) x 1080 (H) mm			
Weight		450 kg	650 kg	800 kg	1000 kg
Weight distribution		6 points (80 mm diameter)		8 points (80 mm diameter)	10 points (80 mm diameter)
Shipping dimensions		2300 (W) x 1610 (D) x 1870 (H) mm	3300 (W) x 2020 (D) x 1870 (H) mm	3300 (W) x 2020 (D) x 1870 (H) mm	3970 (W) x 2020 (D) x 1870 (H) mm
Shipping weight		550 kg (Pallet 100 kg)	800 kg (Pallet 150 kg)	950 kg (Pallet 150 kg)	1180 kg (Pallet 180 kg)
Included items		RIP Software, user manual, power cable, cleaning kit, installation toolbox, etc.			

VersaUV S-Series Belt Specifications				
Model		LEC-330S-B150	LEJ-640S-B150	LEJ-640S-B250
Acceptable media	Width	760 mm		1625 mm
	Thickness/height			0.01 to 200 mm
	Weight roll	Max. 20 kg		Max. 40 kg
	Weight belt			100 kg / sqm
	Roll outer diameter	Max. 180 mm		Max. 210 mm
	Core diameter		50.8 mm or 76.2 mm	
Belt area		760 (W) x 1470 (D) mm	1625 (W) x 1470 (D) mm	1625 (W) x 2470 (D) mm
Printing size		736 (W) x continuous (L) x 200 (H) mm	1615 (W) x continuous (L) x 200 (H) mm	
Vacuum system	Fan		1.5 kw (2 Phase) with silencer	
	Partitions		1	
Media take-up System	Roll outer diameter allowing take-up	Max. 180 mm		Max. 210 mm
	Weight allowing take-up	Max. 20 kg		Max. 40 kg
Power requirements			230V 16A 2P+E	
Power consumption	Print with vacuum		Max. 2000 w	
	Sleep mode		150 w	
Dimensions	Printer unit	2192 (W) x 1600 (D) x 1780 (H) mm	3160 (W) x 1600 (D) x 1780 (H) mm	3160 (W) x 2600 (D) x 1780 (H) mm
	Control tower		530 (W) x 530 (D) x 1080 (H) mm	
	Table	1035 (W) x 1010 (D) x 860 (H) mm	1670 (W) x 1010 (D) x 860 (H) mm	10 mm
Weight		450 kg	650 kg	850 kg
Weight distribution		4 points (80 mm diameter)		6 points (80 mm diameter)
Shipping dimensions		2300 (W) x 1610 (D) x 1870 (H) mm	3300 (W) x 2020 (D) x 1870 (H) mm	
Shipping weight		550 kg (Pallet 100 kg)	800 kg (Pallet 150 kg)	1000 kg (Pallet 150 kg)
Included items		RIP Software, media table, user manual, power cable, cleaning kit, installation toolbox, etc.		

VersaUV S-Series Specifications				
Printing method		Piezo ink-jet		
Ink cartridges	Types	Roland ECO-UV or ECO-UV S ink		
	Colours	Cyan, Magenta, Yellow, Black, White, Gloss*1		
Ink configurations		CMYKGIWh / CMYKGIGI / CMYKWhWh		
Print resolution (dots per inch)		Max. 1440 dpi		
Movement method		High resolution stepping motor		
Distance accuracy*2		Error of less than ±0.3% of distance travelled, or ±0.3 mm, whichever is greater		
Horizontal repeat accuracy*3		±0.01mm		
Output modes		Continuous, unload, return to origin, layered		
Media height setting		Manual, auto sensor		
Surface control		Manual, auto sensor		
Control interface		7" Colour LCD touch screen		
Interface		Ethernet Base 10/100		
Power saving function		Automatic sleep feature		
Acoustic noise level	Print with vacuum	< 70 db		
	During standby	< 40 db		
Environment	Power on	Temperature: 20 to 32°C (68 to 90°F) (22°C [72°F] or more recommended) , Relative humidity: 35 to 80% (no condensation)		
	Power off	Temperature: 5 to 40°C (41 to 104°F), Relative humidity: 20 to 80% (no condensation)		

Specifications, designs and dimensions listed may be subject to change without notice. Maximum print length may be dependent upon ink configuration. *1 ECO-UV S ink in CMYKW. *2 With Roland PET film, print travel: 1 m. Temperature: 25°C (77°F), relative humidity: 50%. *3 The following conditions must be met: Media type: Media specified by Roland DG Corp. Side margins: 25 mm or more for both the left and right margins. Front margin: 35 mm or more. Excluding expansion/contraction of the media. Range for assured repetition accuracy length 3000 mm.

Software System Requirements			
	Roland VersaWorks Dual		Roland PrintStudio by Caldera
Operating System	Windows® 10 (32/64 bit), Windows® 8.1 (32/64 bit), Windows® 7 Ultimate/Professional (32/64 bit)		Mac OS 10.9 and above
Hard-disk file system	NTFS Format		Dual Core 2.0 GHz or faster
CPU	Intel Core™ 2 Duo, 2.0 GHz or faster recommended		Memory (RAM)
RAM	2GB or more recommended		Minimum 1GB per core, recommended 2 GB per core
Video card and monitor	A resolution of 1280 x 1024 or more recommended		Video card and monitor
Free hard-disk space	40 GB or more recommended		1280 x 1024 or higher resolution is recommended
Ethernet connection	100 mbps		Hard disk space
			250GB recommended
			File system
			N/A
			Optical drive
			N/A
Other requirements	Internet connection recommended		Other requirements
			Ethernet connection for network capable printers. Broadband internet connection and web browser for online update service

* Roland VersaWorks Dual is a 32-bit application and therefore runs in WOW64 (Windows-On-Windows 64) when running on a 64-bit versions of Windows® operating systems

Options		
	Product Code	Description
Anti-static bar	ASB-330S ASB-640S	For LEC-330S-B150/ LEC-330S-F200 For LEJ-640S-B150/ LEJ-640S-B250/LEJ-640S-F200/LEJ-640S-F300/ LEJ-640S-F400
Air filtration unit	AFS-1	BOFA air filtration unit
Media table	TBL-330S	For LEC-330S-B150
	TBL-640S	For LEJ-640S-B150 and LEJ-640S-B250



Vaporised components may slightly irritate the eyes, nose and/or throat during and following printing with this product. If continuously printing in a closed space, the density of volatile compositions will accumulate and may irritate the eyes, nose and/or throat. Roland DG strongly recommends that you install a ventilation system and use this product in a well-ventilated room. For more information, please contact your local distributor or dealer.

About White Ink. Due to the nature of white ink, the pigment may settle in the cartridge and ink flow system, requiring you to shake the cartridge before each use.

Roland DG reserves the right to make changes in specifications, materials or accessories without notice. Actual output may vary. For optimum output quality, periodic maintenance to critical components may be required. Please contact your Roland DG dealer for details. No guarantee or warranty is implied other than expressly stated. Roland DG shall not be liable for any incidental or consequential damages, whether foreseeable or not, caused by defects in such products. Reproduction or use of copyrighted material is governed by local, national, and international laws. Customers are responsible for observing all applicable laws and are liable for any infringement. Roland DG Corporation has licensed the MMP technology from the TPL Group.