

Specifications

Printing Technology		Piezoelectric Inkjet
Media	Dimensions	Max. 31.5" width x 14.2" length x 3.94" height (800 mm x 360 mm x 100 mm)
	Weight	Max. 18 lbs. (8 kg)
Printing width and length		Max. 30.3" width × 13" length (770 mm x 330 mm)
Ink cartridges	Type and capacity	ECO-UV 220 cc cartridge, ECO-UV 500 cc cartridge (White ink is not available in 500 cc cartridges)
	Colors	6 colors (Cyan, Magenta, Yellow, Black, White, and Gloss)
Ink-curing unit		UV-LED lamp
Print resolution (dpi)		Max. 1,440 dpi
Distance accuracy *		Error of less than ±0.3 mm (±11.8 mil) or ±0.3% of the specified distance, whichever is greater
Position reproducibility *		Error of less than ±0.2 mm (±7.9 mil) or ±0.1% of the specified distance, whichever is greater
Connectivity		Ethernet (10BASE-T/100BASE-TX, automatic switching)
Power-saving function		Automatic sleep feature
Power requirements		AC 100 to 240 V ± 10%, 2.1 A, 50/60 Hz
Power consumption	During operation	Approx. 178 W
	Sleep mode	Approx. 18 W
Acoustic noise level	During operation	60 dB (A) or less
	During standby	49 dB (A) or less
Dimensions		61.4" × 37.6" × 22.7" (1,560 mm × 955 mm × 576 mm) When the ink-cartridge tray is attached: 37.6" × 22.7" (1,866 mm × 955 mm × 576 mm)
Weight		317.5 lbs. (144 kg)
Environment	Power on	Temperature: 68° to 90°F (20° to 32°C) 72°F (22°C) or higher recommended, Humidity: 35% to 80% RH (non-condensing)
	Power off	Temperature: 41° to 104°F (5° to 40°C), Humidity: 20 to 80% RH (non-condensing)
Included items		Power cord, RIP & PRINT MANAGEMENT SOFTWARE (Roland VersaWorks Dual), User's Manual and Pad trays, etc.

Roland Versa Works Dual System Requirements

Operating system	Windows® 10 (32/64-bit) Windows® 8/8.1 (32/64-bit) Windows® 7 Professional / Ultimate (23/64-bit)
CPU	Intel® 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 1,204 or more recommended
Free hard-disk space	40 GB or more recommended
Hard-disk file system	NTFS format
Optical drive	DVD-ROM drive

* Roland VersaWorks Dual is a 32-bit application, which runs on 64-bit Windows® with WoW64 (windows 32-bit on Windows 64-bit).

Options

		Model
ECO-UV EUV4 Ink	220cc	EUV4-CY (Cyan), EUV4-MG (Magenta), EUV4-YE (Yellow), EUV4-BK (Black), EUV4-WH (White), EUV4-GL (Gloss)
	500cc	EUV4-5CY (Cyan), EUV4-5MG (Magenta), EUV4-5YE (Yellow), EUV4-5BK (Black), EUV4-5GL (Gloss)
Cleaning liquid	220cc	SL-CL

* White ink is not available in 500 cc cartridge.

Summary

The LEF-300 is engineered to accommodate greater quantities and larger-sized items, while providing the amazing print quality users have come to expect from Roland's VersaUV series printers. A larger work area, dual UV lamps that allow bidirectional printing, and dedicated print heads for both White and Clear inks improve overall production. Advancements loaded into the all- new VersaWorks Dual RIP improve ease of use and the overall user experience by giving the end user more control as well as tools for modifying print files without taking the artwork back into the design software. Increased production ability and external ports for adding third-party automation devices give the LEF-300 a path to fit into the manufacturing and industrial printing market segments, as well as the giftware, promotional item and prototype markets where the VersaUV LEF-12 and LEF-20 have enjoyed considerable success.