

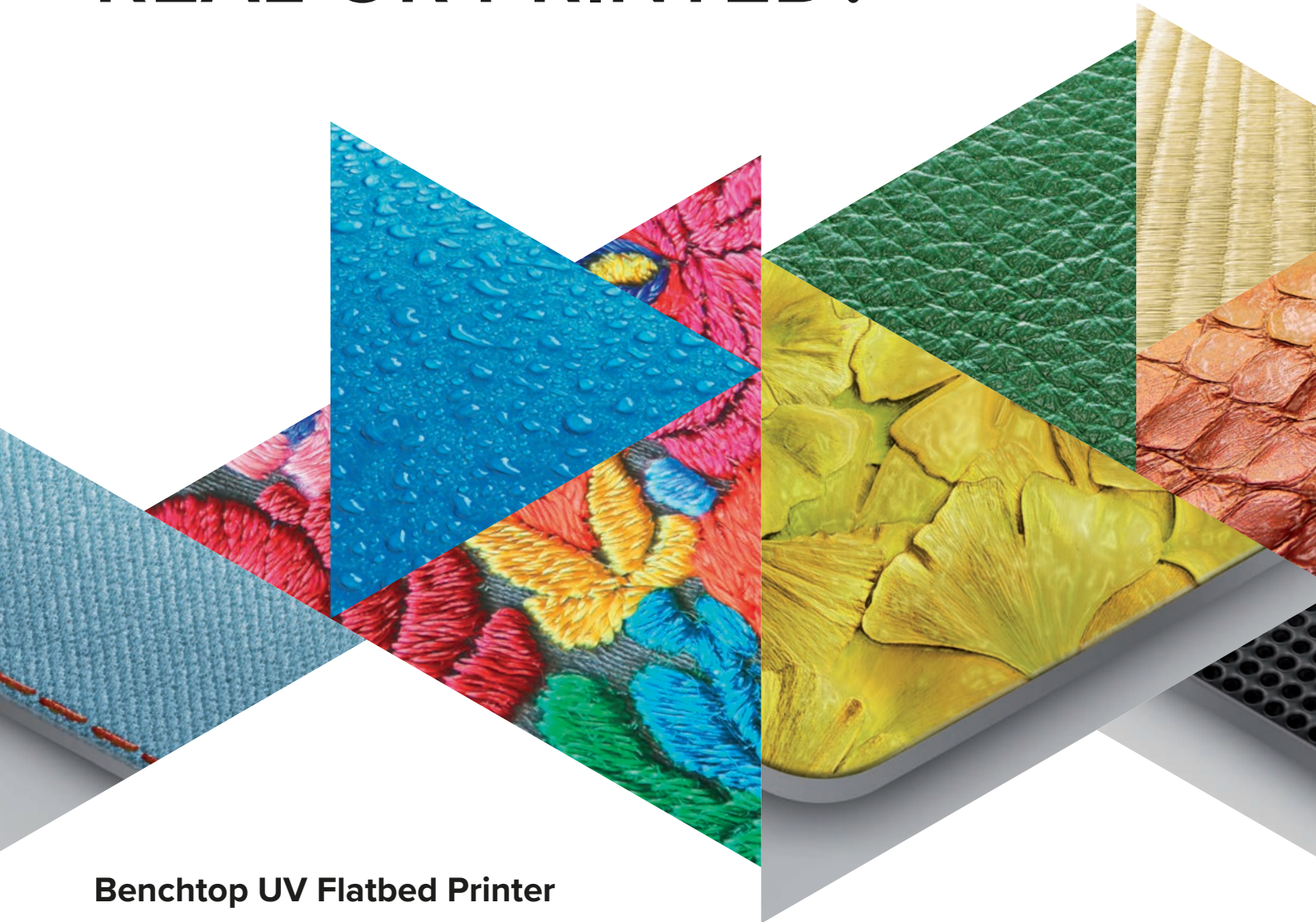
VersaUV

LEF2-200

Benchtop UV Flatbed Printer



REAL OR PRINTED?



Benchtop UV Flatbed Printer

VersaUV

LEF2-200

Print Colourful Images on Demand and on Almost Anything

The VersaUV LEF2-200 makes it easy to print stunning, premium-quality photographs, graphics and text on almost anything. Unlike other inkjet printers, ECO-UV ink is cured instantly on the surface of the material, allowing you to print directly onto PVC and plastics, canvas, wood, leather, fabric, etc. White ink is also available to ensure that colours pop on dark or clear substrates. Optional primer ink cartridge provides increased ink adhesion on substrates like acrylic and glass.*

* For best primer results, it is strongly recommended that users test for adhesion on specific substrates prior to final production.



Specialised sign

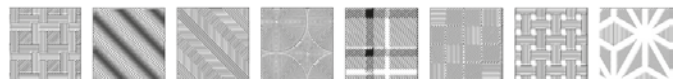
Print Gloss and 3D Embossed Finishes

In addition to full colour printing, you can produce premium quality gloss and matt finishes as well as amazingly lifelike textures including simulated 3D embossing with multiple layers of Clear ink. Seventy-two ready-to-use texture patterns are included to use immediately after installation, or you can create your own special effects.



Roland Texture System Library

The LEF2-200 offers 72 ready-to-use texture patterns.



Ink combinations


CMYK + Clear + White


CMYK + Primer + White


CMYK + White + White



Print Just One or Many

With VersaUV LEF2-200, you can print as few as one item at any time on demand. It gives you the versatility to create prototypes, check the finish of a printed image, produce a special one-of-a-kind gift, or print a small volume of items in-house.

High Quality Output, Performed Easily and Efficiently

The LEF2-200 incorporates a host of advanced functions to simplify high quality print jobs. A Start Timer Function completes the setup procedures of printhead cleaning and white ink circulation automatically by your designated start time. A positioning jig makes it easy to align items on the print table.

From Hard to Soft Materials and From Flat to Curved Objects

Capable of stretching around the most complex corners and curves as well as printing on soft materials such as leather and fabric, advanced Roland ECO-UV ink formulations are designed for both flexibility and beautiful imaging. Materials up to 100 mm (3.94 in.) thick can be loaded. The VersaUV LEF2-200 also supports an optional rotary axis jig for printing onto bottles and other cylindrical objects.

High Reliability and Safety

The LEF2-200 adopts a new cleaning system. A Head Refresh feature removes any ink remaining on the printheads and cleans the printhead surface to maintain the health of your printer. The airtight cover protects operators from UV light and prevents dust from settling onto the surface of materials while printing.

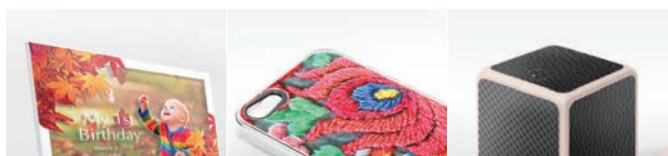


Photo frame

Smartphone case

Product design (Smart speaker)

Powerful VersaWorks RIP Software Included

The VersaUV LEF2-200 includes the latest VersaWorks 6 RIP software, featuring an intuitive interface for easy operation and job management.



VersaUV LEF2-200



| Specifications | | |
|--|------------------|---|
| Printing method | | Piezo inkjet method |
| Media | Width | Max. 538 mm (21.2 in.) |
| | Length | Max. 360 mm (14.2 in.) |
| | Thickness | Max. 100 mm (3.94 in.) |
| | Weight | Max. 5kg (11 lb.) |
| Maximum printing width / printing length | | Max. 508 (width) × 330 (length) mm (20 × 13 in.) |
| Ink | Type | ECO-UV (EUV, EUV4) 220 ml cartridge |
| | Colour | 5 Colours (Cyan, magenta, yellow, black, white x 2) 5 Colours (Cyan, magenta, yellow, black, white) and primer 6 Colours (Cyan, magenta, yellow black, white and gloss) |
| Ink-curing unit | | Built-in UV-LED lamp |
| Print resolution (dots per inch) | | Max. 1440 dpi |
| Distance accuracy* | | Error of less than ±0.3% of distance traveled or ±0.3 mm (±11.8 mil), 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%, 1.8 A, 50/60 Hz |
| Power consumption | During operation | Approx. 149 W |
| | Sleep mode | Approx. 13 W |
| Acoustic noise level | During operation | 60 dB (A) or less |
| | During standby | 49 dB (A) or less |
| Outer dimensions | | 1,202 (W) × 962 (D) × 549 (H) mm (47.3 [W] × 37.9 [D] × 21.6 [H] in.) |
| Weight | | 110 kg (242.5 lb.) |
| Environment | During operation | Temperature: 20 to 32°C (68 to 89.6°F) (22°C (71.6°F) or higher recommended), Humidity: 35 to 80% RH (no condensation) |
| | Not operating | Temperature: 5 to 40°C (41 to 104°F), Humidity: 20 to 80% RH (no condensation) |
| Included items | | Power cord, software RIP, cleaning liquid, drain bottle, manuals, etc. |

* Temperature: 25°C (77°F), Humidity: 50% RH

| VersaWorks 6 System Requirements | |
|----------------------------------|---|
| Operating System | Windows® 10 (32/64-bit) Windows® 8.1 (32/64-bit) Windows® 7 Ultimate / Professional (32/64-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 1,024 or more |
| Free hard-disk space | 40 GB or more recommended |
| Hard-disk file system | NTFS format |
| Optical drive | DVD-ROM |
| Other | Internet connection recommended |

| Options | | |
|-----------------|----------------|-----------------|
| | Model | Description |
| ECO-UV Ink | EUV-CY/EUV4-CY | 220 ml, Cyan |
| | EUV-MG/EUV4-MG | 220 ml, Magenta |
| | EUV-YE/EUV4-YE | 220 ml, Yellow |
| | EUV-BK/EUV4-BK | 220 ml, Black |
| | EUV-WH/EUV4-WH | 220 ml, White |
| | EUV-GL/EUV4-GL | 220 ml, Gloss |
| | EUV-PR * | 220 ml, Primer |
| Cleaning liquid | SL-CL | 220 ml |

*Primer ink adhesion may vary depending on substrate and conditions. Testing ink adhesion prior to production is recommended.

Optional Air Filtration System



An optional air filtration system is available for the LEF2-200. This includes an activated carbon filter which effectively removes the odour and volatile substances that occur during printing. This unit can be placed easily underneath the LEF2-200.

This device is capable of printing on a wide variety of substrates. However, the print quality or the ink adhesion may vary according to the substrate used and it is strongly recommended to test the substrate for compatibility to ensure optimal print results.



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 will 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. PANTONE® is the property of Pantone LLC. All other trademarks are the property of their respective owners. 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.