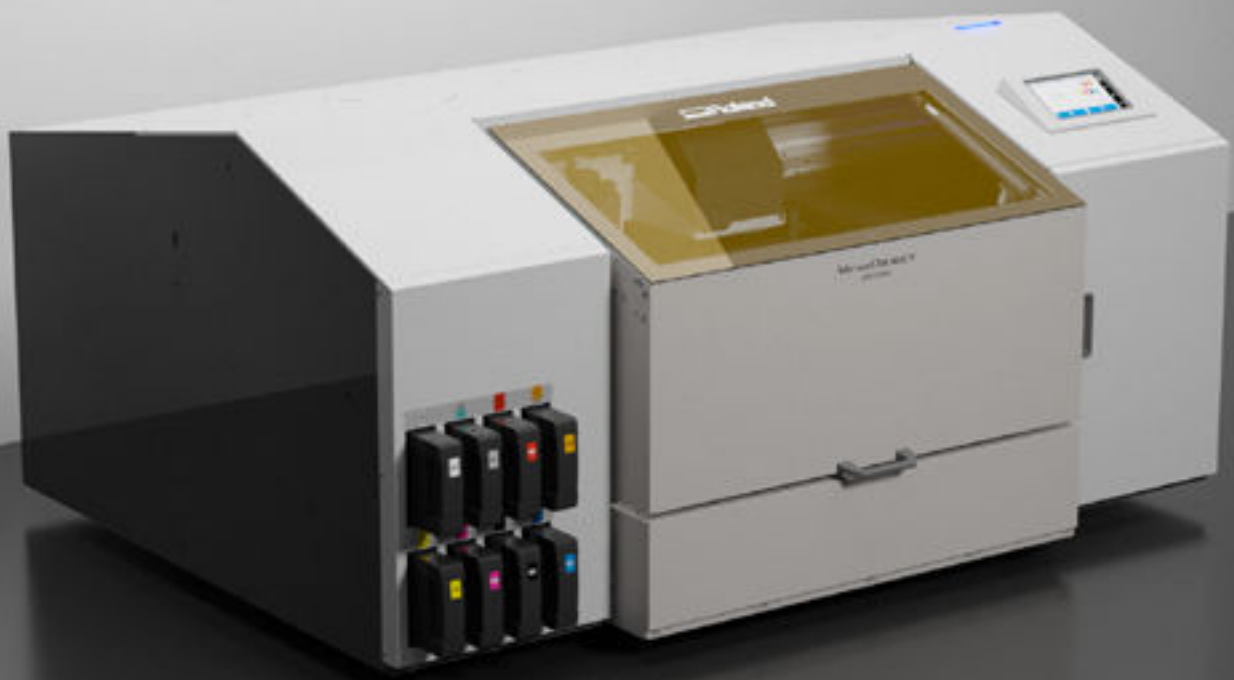




*VersaOBJECT*

# MO-240

3 Reasons to Consider Upgrading  
to the VersaOBJECT MO-240



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The VersaOBJECT MO-240 is the most productive desktop UV printer from Roland DG. Building on the legacy of the VersaUV LEF, the MO-240 allows users to shift from small bespoke runs to long production runs without fuss, preserving print quality and colour richness.

If you have an old LEF UV flatbed it's time to consider upgrading to the MO-240. Here are three reasons why it could be a profitable choice for your business.

All figures quoted are approximate and exact results depend on print mode, reference model and artwork configuration.



# Faster Production

The MO-240 achieves print speeds that are more than double that of its predecessor, the VersaUV LEF range. At Roland, we know that print speed isn't the only factor when increasing production output, so here's a shortlist of new features to help your business go further.

- **Staggered Print Heads** – Due to the new configuration the MO-240 can cover around 40% more per printhead pass than the LEF series.
- **Multi-layer Printing** – This function has been reinvented to cut printing times in half compared to the LEF2 series thanks to continuous printing. This is achieved by changing the origin of the second pass to the rear of the device, removing the need for excess bed movement.
- **A New Working Table** – Re-worked to an industry standard A3 size (610 mm x 458 mm), the print bed allows you to print more items, more quickly.
- **New UV Lamps** – Now 3x more powerful, the UV LED lamps cure and fix the ink in a shorter time for perfect reproduction of small letters, textures, gradations, and detailed imagery in high definition.
- **Faster Servo Motors** – New motors allow for smoother, faster movement and adjustment than the stepping motors of the LEF series.
- **High Opacity, High Speed White** – A new white ink configuration prints white around 30% faster than the LEF Series.
- **Build Textures Quickly** – A new gloss ink configuration allows the MO-240 to achieve the same gloss layer thickness in a shorter time, making it perfect for textures and embossing.





# Enhanced Usability

The MO-240 has new features that drastically improve usability and support enhanced production compared to the old LEF series.

- **Increased Print Height** – The MO-240 now accepts objects up to 204 mm in height (the max height is 100 mm on the LEF/LEF2-20/200/300 series).
- **Improved Vacuum Table** – The MO-240 has an improved vacuum table as standard for quickly fixing and printing materials such as PVC sheets and thin materials.
- **New Jig Printing Software** – An optional extra, PrintAutoMate increases efficiency and productivity when working with repeated printing jobs or jigs.
- **Touch Screen Control** – A 7-inch Full-colour Touch Panel gives direct access to the main menu and is more intuitive for media set-up and operation (the LEF only has a two-line display).
- **Internal Lighting** – Check progress easily with a new internal light for easier viewing conditions.
- **Status Light** – Perfect for a busy print environment, you can now quickly check the printer's operation status (printing, pausing, ready) from all angles (not available on LEF/2-20/200 series).
- **Remote Monitoring** – Roland DG Connect can help with monitoring print status, device health and ROI from everywhere (not available on the old LEF).
- **Rotary Axis** – A new motor-drive rotary axis can print on bottles or cylindrical objects from 10 mm up to 121 mm in diameter (the motor-driven mechanism is not available on the LEF series).
- **Optional Ioniser** – The optional ioniser, "OA-IB-300", generates ions in a sealed workspace to suppress dust adhesion and scattering of fine ink droplets on printed materials, resulting in more precise print quality (not available on LEF series).



# Better Inks

The MO-240 adopts the new EUV5P, the latest Roland UV inks, with improved features including:

- **Larger Cartridges** – The EUV5P cartridges are 750 ml, compared to the 220/500 ml cartridges of EUV2/EUV4 used on the LEF series, to minimise cartridge changes during production and improve productivity.
- **Lower Pricing** – Perfect for high-production environments, the inks price is more than 60% less than the EUV series.
- **New Ink Pouch System** – An ink pouch system inside the cartridge provides an environmentally friendly design and GREENGUARD Gold certification.
- **Expanded Colour Gamut** – New orange and red inks (unavailable on the LEF series) expand the colour gamut by approximately 20% vs standard CMYK available on LEF.
- **More Ink Configurations** – Eight different ink configurations are available vs. two of the LEF series.
- **Increased White Opacity** – Higher white density than existing LEF2 (by implementing two rows of WH nozzles).
- **Stronger Adhesion** – The new EUV5-PR has an improved print adhesion on glass and metals compared to the primer used on the LEF series.



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