

EU2-1000MF

Large-Format Flatbed UV Printer

Next-Level Productivity and Profitability

Deliver more jobs per shift, reduce turnaround times, and improve profitability.



LED-UV FLATBED

DIRECT-TO-BOARD
PRINTING

4 OR 6
PRINTHEADS



A smarter way to print on rigid media

- ▶ Print directly onto rigid substrates without roll printing, laminating or mounting, simplifying production and reducing unnecessary handling.
- ▶ Eliminate intermediate finishing stages that increase labor, production time and the potential for costly errors.
- ▶ Support repeat panel work with stable, consistent output across daily production runs.



Engineered for dependable production

- ▶ Staggered four- or six-printhead architecture supports stable, repeatable production output.
- ▶ A new generation platform delivers up to 1.5X faster than the previous EU-1000MF print speeds while maintaining output stability.
- ▶ Stabilized curing and automated media control support reliable production across long print runs.



UV inks designed for production environments

- ▶ E-US UV inks are available in CMYK, White and Gloss for versatile rigid board, panel, and specialty flatbed applications.
- ▶ Economical ink performance helps support controlled running costs in production environments.
- ▶ GREENGUARD Gold certified formulations support the production of graphics suitable for indoor environments.

Additional Features

- + VersaWorks 7 RIP software included, preparing accurate print data for dependable production workflows.
- + Large flatbed print area supports boards up to 48 × 96 in. (1,220 × 2,440 mm), enabling full-size panel production in a single process.
- + Supports media up to 99 lb/m² (45 kg/m²), equal to approximately 9.22 lb/ft² when evenly distributed.
- + Integrated safety systems, including gantry detection beam and four-corner emergency stop controls.

Technical Specs

		EU2-1000MF
Printing method		Piezo ink-jet method
Media	Width	Max. 96 in. (2,440 mm)
	Length	Max. 48 in. (1,220 mm)
	Thickness	Max. 3.74 in. (95 mm)
	Weight	Supports media up to 99 lb/m ² (45 kg/m ²), equal to approximately 9.22 lb/ft ² when evenly distributed.
Maximum printing width/length ^(*)		Max. 96 in. x 44 in. (2,440 mm x 1,120 mm)
Ink	Type	E-US
	Colors	Six colors (cyan, magenta, yellow, black, white, gloss) Four colors (cyan, magenta, yellow, black)
	Tank capacity	2.5 L
Ink-curing unit		Built-in UV-LED lamp
Printing resolution (dots per inch)		Max. 720 dpi x 1,200 dpi
Connectivity		Ethernet 1000BASE-T for control PC only
Power requirements		AC 220 V, 50/60 Hz, 32 A
Power consumption	During operation	Approx. 5,900 W
Acoustic noise level	During operation	80 dB (A) or less
Dimensions (Width x Depth x Height)		188 in. x 83 in. x 58 in. (4,750 mm x 2,100 mm x 1,470 mm)
Machine occupation dimensions		276 in. x 197 in. or more (7,000 mm x 5,000 mm or more)
Weight		2,870 lb. (1,300 kg)
Environment	During operation	Temperature: 64.4 to 77 °F (18 to 25 °C), humidity: 40 to 70 % RH (no condensation)
Included items		Power cord, user's manual (to download), RIP software (to download), goggles

*1 The maximum printing area can be extended up to 96 in. x 48 in. (2,440 mm x 1,220 mm).



Roland DGA's Industry-Leading Warranty and Support

The EU2-1000MF is backed by Roland DGA's unmatched customer service, support and a **one-year warranty**.*

**Registration within 60 days of purchase and exclusive, continuous use of Roland DGA approved inks is required to qualify for warranty coverage.*