EYKON 2513 FB

True flatbed. True quality. True value.

UV LED

High productivity

The EYKON 2513 FB is a high speed UV-LED curable inkjet system on a moving gantry flatbed. It is an ideal engine for both step and repeat work and for printing multiple jobs on differently sized media. Borderless printing avoids an extra finishing step, saving time and money. Thanks to the multilayer printing feature the EYKON 2513 FB prints color and white ink layers in one run.

Excellent print quality

EYKON 2513 FB can print on practically any rigid and sheet material. It delivers exceptional print quality on a wide variety of indoor and outdoor media such as corrugated boards, plastics, plexiglass, mirrors, exhibition panels, wood, aluminum, and MDF. White ink and six colors with 7 pl print heads allow it to deliver images that will give you and your customers a competitive advantage. The high-density color printing function makes prints even brighter and more intense.

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EYKON 2513 FB

Model	EYKON 2513 FB
Printhead	Ricoh Gen5 7pl Micropiezo Printhead
Print Width	2500mm x 1300mm
Maximum Media Thickness	100mm
Ink Type	LED Ink
Ink Colours	C M Y K lc lm, Optional: White
RIP Software	Print Factory
Print Media Types	Reinforced vinyl, Pressure-sensitive vinyl, Canvas, Acrylic, Foam board, Corrugated board, Lenticular, Tile, Coreflute, Glass, ACM Panels, Paper and more
Media Process System	4 Zones Vacuum Platform
Image File Format	Adobe Postscript Level3, TIFF, AI, PDF, EPS, JPEG, etc...
Printer Dimension (W x L x H)	3976 x 2020 x 1320mm
Package Size (W x L x H) / Weight	4184 x 2180 x 1680mm / 1300KG
Rated Voltage	AC220V 50HZ Single Phase 32 Amps
Rated Power	5.0KW
Working Environment	Temperature: 18-26°C Humidity: 30-70%
Print Speed	Production 4Pass 26m²/h Standard 6Pass 18m²/h High Quality 8Pass 12m²/h

UV LED PRINT TECHNOLOGY

Equipped with powerful, water-cooled 16 Watt/cm² UV LED lamps for the curing process, the EYKON 2513 FBs come with a number of economical, ecological and business-generating benefits:

- LEDs are cool to the touch and have minimal heat output, which is why they allow for a broader scope of print applications. They enable you to print on heat-sensitive substrates such as thin slides, self-adhesive sheets or stretched PVC materials. In addition, limited heat generation involves a very stable bi-directional calibration.
- LED lamps can be switched on and off instantly, without any degradation of intensity. That means there is no lamp warm-up time or delay for shutter motion. This results in faster operations and higher productivity.
- LEDs last for at least 10,000 hours each. They generate a consistent output throughout that period with no lamp change downtime or any consumable costs.
- LEDs have a maximum energy consumption of 1 kWh per module, which leads to significant power savings.
- As UV-LED lamps don't contain mercury, there is no need for mercury disposal or any related costs.
- UV-LEDs don't produce ozone gas that needs to be extracted by ventilation.

Wide color gamut, no matter the medium

UV inks boast a wide color gamut and high color vibrancy in both indoor and outdoor applications.

Providing outstanding adhesion - even on the most difficult substrates. These inks are your best option in terms of Flexibility, image longevity and outdoor resistance.

All of our UV inks (white and color) offer outstanding, stable jetting performance and deliver the same high-quality results, batch after batch.

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