

# JFX500-2131



super large format UV-LED flatbed inkjet printer

## Super large table for superlative output

The JFX500-2131 super large format flatbed UV printer combines high quality output with easy operation for printing to a variety of rigid substrates. This production model can print on a single large, rigid sheet or multiple, smaller rigid pieces in one pass. White and clear inks are available to produce a diverse range of prints for both indoor and outdoor use.

- Print the equivalent of 20 - 4' x 8' boards per hour
- Table size 82.7" W x 122" L (2,100 x 3,100 mm)
- Objects up to 2" thick (50 mm)
- User adjustable layout pins
- High quality print resolution of up to 1,200 dpi
- Variable Dot Technology and Mimaki Advanced Pass System (MAPS) for smooth gradients and solids
- Four user-selectable vacuum zones hold media flat
- Multiple ink formulations
- Nozzle Recovery System
- Low-energy UV-LED lamps last five years or more

82.7" x 122"

*For best results, always use Mimaki original inks*

<b>Printhead</b>	On-demand piezo (6 printheads in a staggered configuration)
<b>Print resolution</b>	300 dpi, 600 dpi, 900 dpi, 1,200 dpi
<b>Print speed</b>	up to 646 SqFt (60 SqM) / Hr
<b>Absolute accuracy</b>	+/- 0.01" (0.3 mm) or +/- 0.3% from specified print distance
<b>Repeatability</b>	+/- 0.01" (0.3 mm) or +/- 0.1% from specified print distance
<b>Maximum print area</b>	82.7 in W x 122 in L (2,100 x 3,100 mm)
<b>Maximum thickness</b>	2.0 in (50 mm)
<b>Maximum media weight</b>	110.2 lb / SqFt (50kg / SqM), non-concentrated
<b>Ink Type/Color</b>	LH-100 UV: For high scratch and chemical resistance – C M, Y, K, W, Clear
	LUS-150 UV: For balanced adhesion and flexibility – C, M, Y, K, Lc, Lm, W
	LUS-200 UV: For more flexible outdoor applications – C, M, Y, K, W
	PR-100 UV Primer
	PR-200 UV Primer
<b>Ink Package size</b>	1 liter bottles
<b>Ink supply</b>	Two liter Mimaki Bulk Ink System (MBIS) supports
	Uninterrupted Ink Supply System (UISS) in a four-color configuration
<b>Flatbed table</b>	Vacuum system (standard), 4 user-selectable zones
	Layout pins (standard), Ionizer (optional)
<b>Certifications</b>	VCCI-Class A, CE Marking B Report, RoHS
<b>Interface</b>	USB 2.0
<b>Power supply</b>	AC 200-240V, 50/60 Hz
<b>Power consumption</b>	Up to 2.4 kVA
<b>Operational environment</b>	Temperature: 59 – 86 °F (15 – 30 °C)
	Humidity: 35 – 65% Rh (Non condensing)
<b>Dimensions (W x D x H)</b>	161.4 x 175.7 x 58.7 in (4,100 x 4,460 x 1,490 mm)
<b>Weight</b>	2,983 lbs. (1,353 kg)

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Print speeds are based on factory tests. Total throughput depends upon front-end driver/RIP, file size, printing resolution, ink coverage, network speed, etc. For best performance, always use Mimaki original inks. Specifications subject to change without notice.

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