UJV100-160Plus

UV-LED roll-based energy-efficient printer

The Mimaki UJV100-160Plus UV-LED roll-based printer is the definitive entry-level model for sustainable sign and graphics production, with low running costs, versatile output capability, and easy printing for everyone. This model offers improvements over the UJV100-160 model that reduce running costs, extend application capabilities, and optimize operational efficiency. Other features include an ink-saving function to reduce running costs, a multi-layer printing function that expands the application range, and seamless integration with Mimaki cutting plotters to improve work efficiency.

– Realize lower power usage of 0.5kW max – less than half the power of eco-solvent and latex printers on the market.

– Offer more application variety on a single unit with the 'pull-back' function.

– Improve throughput with instantly cured prints for shorter turnaround time and no waiting to laminate.

– Produce backlit applications utilizing multiple-layer prints.

– Reduce ink consumption by up to 50 percent while maintaining the color balance of the original design.

– Minimize workflow interruptions with the Dot Adjustment System (DAS) that automates dot position and feeding corrections.

For best results, always use Mimaki original inks.

UJV100-160Plus

Printhead	Two staggered on-demand piezo print heads
Print resolution	360 dpi, 720 dpi, 900 dpi, 1200 dpi
Print speed (4 color mode)	146.3 sqft/hr (13.6 sqm/hr)
Maximum print width	63.4 in (1610 mm)
Maximum media width	63.8 in (1620 mm)
Ink Type/Color	UV ink
	U.S. & Canada- LUS-170 Mexico, Central & South America- LUS-210: C, M, Y, K, W, CI (Clear ink: availability TBC) LUS-190 / C,M,Y,K,W,CL (Clear)
Ink Package Size	1 L Bottle
Media Thickness	up to 0.03 in (1.0 mm)
Rolled Media Weight	One roll: Max. 45 kg (99.2 lb) or less
Certifications	VCCI-classA, FCC ClassA, UL62368-1 Conform ETL, CEMarking (EMC Directive, Machinery Directive, RoHS Directive, Low Voltage Directive), CB Certification , RoHS , Registrar , RCM, EAC
Interface	Ethernet 1000 BASE-T(Recommended) / USB 2.0 Hi-speed
Power Supply	Single-phase AC100-120V±10%/12A, AC200-240V±10%/8A, 50/60Hz±1Hz
Power Consumption	Maximum 500W (operating), 4.5W (sleep)
Operational Environment	Temperature: 20˚ to 30˚ C (68˚ to 86˚ F)
	Humidity: 35-65% (Non-Condensing)
	Dust level: General office level
Dimensions (W x D x H)	109.3 in x 27.6 in x 58.1 in (2775 mm x 700 mm x 1475 mm)
Weight	368.2 lb (167 kg)

UV-LED ENTRY-LEVEL PRINTER

64"

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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.

Rev. 04/09/24