

Mimaki

UV Resistant 6+1 Color Piezo Inkjet Plotter

JV2-II Series

JV2-130 II(52inch) / JV2-160 II(63inch) / JV2-180 II(73.6inch)



- Newly designed media feeding mechanism
- Additional 7th head and artwork production process
- 6 color process produce a wider color gamut
- Superior 1440 dpi image reproduction
- 3 year's testing of UV resistant pigmented inks
- New disperse ink for heat transfer

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Superior 1440 dpi image reproduction

The JV2-II Series inkjet epitomizes the utmost in superiority when it comes to producing high-quality prints. With the precision of 1440dpi, it is possible to vividly reproduce images captured on conventional photographs. Excellent color and exquisite detail for now and the future can be achieved with the JV2-II Series.



Additional 7th head and artwork production process

The 7th head allows for a spot color to be added to the 6 color process. In addition, the 7th head makes possible for the production of artwork for screen printing directly from Mimaki JV2-II Series plotter. This is achieved using our special black ink on our specially coated film, which ultimately contributes to a higher UV density.

Specifications on JV2-130 II, 160 II, 180 II

Item	Specification			
	JV2-130II	JV2-160II	JV2-180II	
Printing head	Method	Piezo electric drop on demand		
	Height adjustment	Selectable: 1.2mm(0.047") or 2.2mm(0.087")		
Maximum Printing Width	1320mm (52')	1600mm (62.9')	1870mm (73.6')	
Printing head Mode	Resolution	1440dpi x 720dpi, 720dpi x 720dpi, 360dpi x 360dpi, 180dpi x 180dpi		
	Passes/directions	Bi-direction, Uni-direction, 2/4/8/16 passes		
Printing Accuracy	Distance Accuracy	Absolute: ±0.3mm(0.12")	Absolute: ±0.5mm(0.02") or ±0.3% whichever is greater (Media expansion and shrinkage are excluded.)	
	Perpendicularity	±0.5mm/500mm	±1.5mm/500mm	
Media Margin	Roll media	Right/left: 5mm ±0.5mm(0.2" ±0.02") Front: 20mm ±2mm(0.79" ±0.079") Rear: 0mm		
	Cut sheet media	Right/left: 5mm ±0.5mm(0.2" ±0.02") Front: 20mm ±2mm(0.79" ±0.079") Rear: 35mm ±2mm(1.38" ±0.079")		
Inks	Color	Y, M, C, K Orange, Green Optional: Light Cyan, Light Magenta, Artwork Black		
	Type	Aqueous pigmented ink (Except Artwork Black)		
	Delivery system	Proprietary system with low ink detection sensor		
	Capacity of cartridge	220cc ±5cc per cartridge		
Media	Type	PET, PVC, Synthetic paper, Backlit film, Vinyl banner, Canvas, Cloth, Tarpulin		
	Max media width	1,330mm (52.4"), Min. 210mm(8.27")	1620mm(63.8"), Min. 200mm(7.87")	1910mm(75.2"), Min. 200mm(7.87")
	Printing surface	Faces OUT		
Media Take-up device	Take-up mechanism	Motor with torque limiter (CW or CCW switchable)		
	Setting position	Two different positions (high and low)		
Media cutter	Automatic cutting (ON/OFF), Semi-automatic			
Interface	Standard	IEEE 1284 (Centronics)/ECP-mode		
Buffer	Standard: 2MB, Optional: Max 128MB (2 slots)			
Command	MRL-1 (Based on ESC/P V.2)			
Certification	UL, CE Mark			
Power	AC100V -240V ±10%, 120VA (with ground)			
Recommended Environment	Temperature	15-30 °C		
	Humidity	35-65% Rh (No condensation)		
	Temperature change	Less than ±10 °C/h		
	Dust	Equivalent to normal office level		
Dimension	2,150W * 580D * 1,160H	2,425W * 710D * 1,190H	2,700W * 710D * 1,190H	
Weight	120kg(264lbs)	130kg(286lbs)	150kg(330lbs)	

* Specifications are subject to change without notice.

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DISTRIBUTOR:

DEALER:

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Newly designed media feeding mechanism

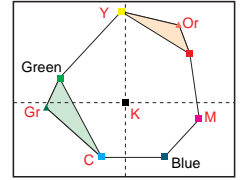
Newly designed media feeding mechanism holds and feeds various thickness of soft or heavy media. Numbers of pinch rollers and feed rollers on the device keep media flat during feeding, ensuring high-quality printing.

(JV2-180II/JV2-160II)



6 color process produce a wider color gamut

Orange and Green UV resistant pigmented inks have been added to the industry standard of C, M, Y, K 4 color inkjet process. This dramatically increases the color gamut and allows for Hi-Fi color printing.



3 year's testing of UV resistant pigmented inks

A certified testing Laboratory performed UV testing on the 6 color pigmented inks used by the Mimaki JV2-II Series, by using the JIS B7753 sunshine carbon ark light UV resistant test. The results indicated stable results within 10 ΔE for 3 years in Tokyo, Japan.

Test conditions : Synthetic paper (SPC-0113), 6 color pigmented inks (SPC-0180C, M, Y, K, O, G)
Lamination (acrylic 50 micron UV cut).

