

Create a Masterpiece

with the award winning Mimaki JV22-160 Ultra-8!

To get striking color and beautiful prints, fire on all 8 cylinders with the new Mimaki JV22-160 Ultra-8! Flexible ink-sets are available for a wide range of multiple media printing applications including: **PHOTOS & GRAPHICS** — Photo Dye Inks, Pigment Archival Inks, **TEXTILES AND SOFT SIGNAGE** — Dye Sublimation Textile Acid Dyes, Textile Reactive Dyes and TP (Textile Pigment) Inks make the JV22 the most versatile wide-format printer available today.

The new Mimaki JV22-160 Ultra-8 gives you all the performance, smoother gradients, all from the horse power of 8 colors expanded gamut. Now you don't have to choose — by using C,M,Y,K,lc,lm, and OG (Orange & Green), you don't have to choose one 6-color model, great for photography — or the one that's best for graphics. Our standard automatic take-up device and selectable media thickness features are here too, as well as 1440 dpi print capabilities and, of course, dazzling colors.

Let the JV22-160 Ultra-8 do all the heavy pulling for you, and enjoy the ride!



JV22-160 Inkjet Printer



First Place Award Winner for
Digital Printing & Imaging Association's
"Best Product Of The Year -
Output Device, 2004"

Excellent print quality

Ultra high-quality at 1440 dpi

Dye-sublimation printing also possible

Maximum head height 4.5mm

Hi-speed capabilities for business needs

Four heads with 360 nozzles per color

Support continuous and unattended output

Take-up device standard accessories

Mimaki
ENGINEERED FOR QUALITY

Giving you professional print quality and speed.

Help your business grow with the award winning Mimaki JV22-160 Ultra-8!

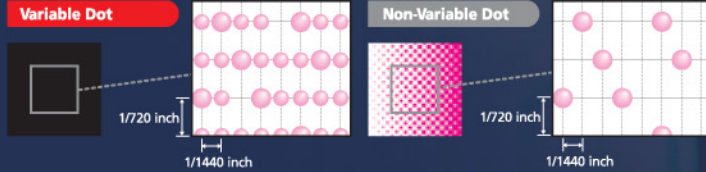
Print Quality

Maximum output resolution of 1440 dpi. Ultra-high quality for any usage.

A high-speed piezo four-printhead system guarantees you a balance between high printing speed and quality. Maximum output resolution is 1440 dpi. From large-scale signs to small-scale graphics, the JV22-160 Ultra-8 brings you professional quality output for a wide range of uses.

Variable Dot System for natural, beautiful images, even at high speeds or low resolutions.

Variable Dot Technology varies the dots per inch according to the density and size, enabling full coverage of highlights and shadows, and a rich range of color graduations. Just four colors using variable drop technology, can produce the same image quality as six-color non variable drop. Natural and beautiful images are also possible with low-resolution printing, such as for large-scale signs.

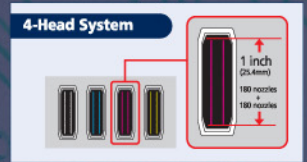


Printing Speed

Utilizes a high-speed four-head system. Maximum print speed 10.3 s/f².

The four high-speed heads have 360 nozzles per color and CMYK with two color cartridges perform at an incredibly high speed. The maximum print speed is approximately 10.3 seconds per square foot.*

* When at 360x360 dpi, 1 pass, bi direction



* Print speed listed is time per 1m² with bi direction. Print speed depends on printing mode, such as pass, bi/uni direction and scanning speed combinations.

Support System

The automatic take-up device enables unattended operation.

The tension system ensures the media is wound securely. Paper is also fed smoothly, enabling continuous and unattended output with peace of mind when dealing with many pages or long items.





Ink Variations

Selectable aqueous pigments or textile pigment dye sublimation, 4-, 6- or 8-color printing

Choose either aqueous pigment or dye sublimation ink in either 4-, 6- or 8-color combinations. Six colors provide extremely high quality using variable drop technology which produces detailed color blends and sharp contrast.

JV22-160 Ultra-8 Inkjet Printer General Specifications



Item		4-color Specs	6-color Specs	8-color Specs	
Print head	Method	On-demand piezo head, 4 print heads in-line			
	Maximum printing width	63.4" (1610 mm)			
	Head height adjustment	Selectable either 1.5/2.5 mm or 3.5/4.5 mm from platen (installation by technical staff)			
Print nozzle		360 nozzles per color	180 nozzles per color	180 nozzles per color	
Print mode	360 x 360 dpi	1 / 2 / 4 pass, Bi/Uni direction	2 / 4 / 8 pass, Bi/Uni direction	2 / 4 / 8 pass, Bi/Uni direction	
	360 x 540 dpi	3 / 6 / 12 pass, Bi/Uni direction	3 / 6 / 12 pass, Bi/Uni direction	3 / 6 / 12 pass, Bi/Uni direction	
	360 x 720 dpi	2 / 4 / 8 pass, Bi/Uni direction	4 / 8 / 16 pass, Bi/Uni direction	4 / 8 / 16 pass, Bi/Uni direction	
	720 x 720 dpi	2 / 4 / 8 pass, Bi/Uni direction	4 / 8 / 16 pass, Bi/Uni direction	4 / 8 / 16 pass, Bi/Uni direction	
	720 x 1440 dpi	4 / 8 / 16 pass, Bi/Uni direction	8 / 16 / 32 pass, Bi/Uni direction	8 / 16 / 32 pass, Bi/Uni direction	
	1440 x 1440 dpi	8 / 16 pass, Bi/Uni direction	16 / 32 pass, Bi/Uni direction	16 / 32 pass, Bi/Uni direction	
Ink	Type	Dye sublimation ink, aqueous pigmented ink, aqueous dye ink or textile pigment ink	Dye sublimation ink, aqueous pigmented ink or aqueous dye ink	Aqueous pigment ink, acid dye ink, reactive dye ink or 6-color + AW-K ink	
	Color	Dye sublimation	CMYK x 2	CMYK, Lc, Lm or CMYK, G, O + washing liquid	CMYK, Lc, Lm + AW-Kx2
		Aqueous pigmented	CMYK x 2	CMYK, Lc, Lm + washing liquid x 2 -or- CMYK, G, O + washing liquid	CMYK, Lc, Lm, G, O -or- CMYK, Lc, Lm + AW-Kx2 -or- CMYK, G, O + AW-Kx2
		Aqueous dye	220cc X 2 cartridges (440cc)	CMYK, Lc, Lm + washing liquid	CMYK, Lc, Lm + AW-Kx2
		Textile pigment	220cc X 2 cartridges (440cc)		
		Acid dye			CMYK, Lc, Lm Gray, Blue, Red
		Reactive dye			CMYK, Lc, Lm Gray, Blue, Orange, Red, Golden Yellow
Capacity of ink cartridge	220cc X 2 cartridges (440cc)	220cc X 1 cartridge	220cc x 1 cartridge AW: 220cc x 2 cartridges (440cc)		
Media	Size / Thickness	Max. Size: 63.8 in. (1,620 mm), Min. Size: 8.3 in. (210 mm) / Thickness: 0.04" (1.0mm) or less			
	Roll end treatment	Taping or using light adhesive to core			
	Roll dimensions	Outside diameter - 7.1" (180mm) or less; Inside diameter - 2" / 3"; Weight - 55 lbs (25kgs) or less			
	Plotting surface	Faces out			
Distance accuracy	Absolutes accuracy	Whichever the larger one of either 0.3mm or 0.3% of the designated			
	Repeatability	Whichever the larger one of either 0.2mm or 0.1% of the designated			
Media cutter		Cutter in Y direction by cutter at head			
Media take-up device		Standard take-up device (selectable forward or reverse rolling)			
Interface		IEEE-1284 / IEEE-1394			
Applicable standards		VCCI, FCC, UL 1950, CE, CB			
Power supply		AC 100V ~ 120V ± 10%, AC 200V ~ 240V ± 10%, 50/60 ± 1Hz			
Power consumption		Less than 300VA			
Ambient conditions		Temperature: 68°F (20°C) - 95°F (35°C), Humidity: 35% RH - 65% RH (no frost allowable)			
External dimensions		(W)104.7 in. (2,660 mm) x (D)29.5 in. (750 mm) x (H)48.8 in. (1,240 mm)			
Weight		Less than 348 lbs. (158 kg)			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">   <p>All our products are manufactured under our quality assurance system certified by ISO 9001. All trademarks or registered trade marks are the property of the respective owners.</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Dye Sublimation</p> <p>Sublimation dyes are appropriate for other media such as fabric and heat transfer. CMYK+Lc (light cyan) + Lm (light magenta)</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Aqueous Pigment</p> <p>With high durability, these inks are appropriate for large-scale indoor and outdoor banners. CMYK+LcLm or CMYK+O (orange) +G (green)</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Textile Pigment</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>8-color Pigment</p> </div> </div>					

Information shown in this specification sheet is subject to change without notice.

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