

JV22-160

Mimaki

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Help your business bloom!



Excellent Print Quality from any distance
Ultra high-quality printing at 1440dpi
Dye-Sublimation printing also possible
Maximum head height 4.5mm

Hi-speed Capabilities for business needs
360nozzles/color×4 heads
Support continuous and unattended output
Take-up device standard accessories

JV22-160
Multi-purpose Large Format Inkjet Plotter



Giving You Real Professional Print Quality and Speed.
JV22-160 – Indispensable Support For Any Business.

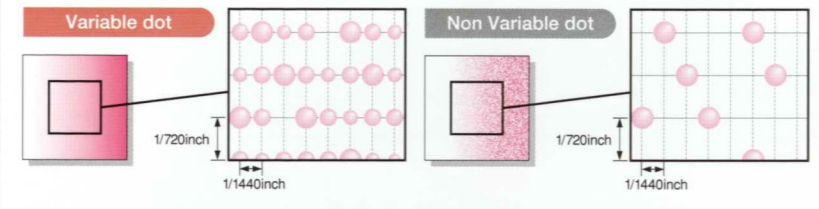
PRINT QUALITY

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

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

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

Variable dot, three different size of dot correspond to density, enable full coverage from highlights to shadows, rich range of color gradation. Just four colors using variable drop technology, can produce the same image quality as six color non variable drop. Natural and beautiful image are also possible with low-resolution printing for large-scale sign.

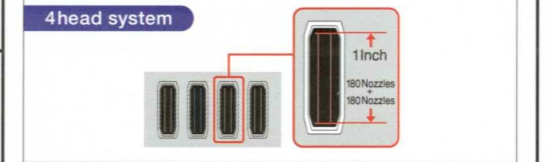


PRINT SPEED

Utilize a high-speed four-head system. Max print speed 102s/m².

"Four high-speed heads have 360 nozzles per color" and "C/M/Y/K with two colors cartridge" perform incredibly high speed. The maximum print speed is approximately 102seconds/m².*

*When at 360×360dpi, 1pass, Bi direction



print speed*

Resolution	Mode	Standard	Fine
360×360dpi	Standard	2'03"	3'51"
	Fine	5'37"	11'00"
360×540dpi	Standard	3'47"	7'22"
	Fine	5'12"	10'15"
720×720dpi	Standard	10'14"	20'24"
	Fine	18'32"	37'00"
1440×1440dpi	Fast	10	20
	Fine	30	40

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

JV22-160/SPEC

Item	Specifications		
	4-colors	6-colors	
print head	Piezo-electric drop-on demand, 4heads in-line		
	360nozzles/color		
	180nozzles/color		
Head height adjustment selectable either 1.5/2.5 mm or 3.5/4.5mm from platen(installation by technical staff)			
Maximum printing width 1,610mm(63.4")			
print mode	360×360dpi	1/2/4 pass Bi/Uni direction	2/4/8 pass Bi/Uni direction
	360×540dpi	3/6/12 pass Bi/Uni direction	3/6/12 pass Bi/Uni direction
	360×720dpi	2/4/8 pass Bi/Uni direction	4/8/16 pass Bi/Uni direction
	720×720dpi	2/4/8 pass Bi/Uni direction	4/8/16 pass Bi/Uni direction
	720×1440dpi	4/8/16 pass Bi/Uni direction	8/16/32 pass Bi/Uni direction
	1440×1440dpi	8/16 pass Bi/Uni direction	16/32 pass Bi/Uni direction
Ink	Type Dye Sublimation ink / Aqueous pigmented ink		
	Color	Dye Sublimation ink	C,M,Y,K×2 C,M,Y,K,Lc,Lm or C,M,Y,K,G,O + Washing liquid×2
		Aqueous pigmented ink	C,M,Y,K×2 C,M,Y,K,Lc,Lm + Washing liquid×2
	Capacity of ink cartridge		220cc×2cartridges(440cc) 220cc×1 cartridge
Media	Maximum size 1,620mm(63.8")		
	Minimum size 210mm(8.3")		
	Thickness 1.0mm(0.04") or less		
	Roll end treatment Taping or using light adhesive to core.		
	Roll outside diameter Φ180mm(7.1") or less		
	Roll weight 25Kg(55lbs) or less		
	Roll inside diameter 2inch/3inch		
Distance accuracy	Plotting surface Faces out		
	Absolute 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			
Cutting of medium Cutting 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 Class A, FCC ClassA, UL 1950, CE, CB			
Power requirement AC100V~120V±10% AC200V~240V±10% 50/60Hz±1Hz			
Power consumption 300VA or less			
Ambient conditions Temperature:15°C(59°F)~30°C(86°F) Humidity:35~65%Rh(no condensation)			
Weight 158kg(348lbs)or less			
Outside dimensions(W×D×H) 2,600mm(104.7")×640mm(25.2")×1,240mm(48.8")			

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SUPPORT SYSTEM

Automatic take-up device enable unattended operation.

The tension system ensures media wound securely. Paper smooth feeding, enables continuous and unattended output whatever several images or long media.



INK VARIATION

Selectable aqueous pigments or dye sublimation, six colors print enables.

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

Dye Sublimation	Dye Sublimation is appropriate for polyester. C,M,Y,K+Lc(light cyan)+Lm(light magenta)
Aqueous Pigment	With high durability, these inks are appropriate for large-scale indoor and outdoor banners and signs. C,M,Y,K+Lc(light cyan)+Lm(light magenta) C,M,Y,K+O(orange)+G(green)

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All our products are manufactured under our quality assurance system certified by ISO 9001

