

# STEP UP TO A NEW LEVEL.

## The **NEW** Mimaki JV3-160SP — Faster and Better!

Announcing another forward leap in our best-selling JV series: the new Mimaki JV3-160SP. We've taken all the great features of its predecessor and added even more! This new model is equipped with 4 heads for twice the printing speed, boasts great print quality (up to 1440 dpi). The option of 4-color printing (2 sets of CMYK) or 6-color printing (CMYKLcLm) brings you greater color versatility. Mimaki's new solvent cleaning solution enables you to switch between solvent ink and Mimaki's new mild solvent 2 (MS2) ink. It's your choice! It also has a quick-drying fan system for those jobs that just can't wait.

Once again Mimaki has taken the best and made it better.



### Offering a Wide Variety of Media Possibilities

Print on uncoated media up to 63.7 inches wide.

### Solvent Inkjet for Outdoor Durability

Solvent prints will last up to three years outdoors resisting water and UV damage.

### Outstanding Quality and Speed

High quality printing mode to 1440 dpi. Four heads help to achieve twice the printing speed of the JV3-160S (1440 x 1440 dpi)

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### Four heads, double the printing speed

Four piezo electric heads enable print quality up to 1440 dpi at twice the speed of the JV3-160S. Eight booths of ink cartridges are available with 4-color printing or 6-color printing (4-color CMYK x 2 cartridges or 6-color CMYK + washing liquid x 2).



### Automatic cleaning system

Greatly reduces costly maintenance. Automatic capping system can help not to execute head cleaning procedure before turning off the power. This design automatically prevents the head nozzle from clogging when not in use.

### Automatic take-up device

An automatic take-up device is included as standard equipment. The combination of adjustable media tension and the JV3 Quick-Dry Solvent Ink and the automatic drying fan allow for round-the-clock operation. This saves labor costs and allows for rush jobs and continuous, unattended printing.

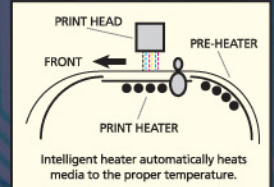
Also available in a larger format is the "Baby Grand" JV3-250SP.

### Intelligent heater system

**Automatic setting of optimum heating temperature for media**  
Intelligent heating system automatically sets optimum media heating temperatures specified in the software RIP media profile settings. It's possible to control both heaters individually in Raster Link Pro.

### Intelligent heater control mechanisms

This system controls heaters according to the condition of plotter — stand-by mode, save mode, power-off and also adjusts and corrects temperatures automatically, based on the ambient temperature.



### New Platen Components

The new Teflon platen components provide a smoother surface for improved media handling. This design allows reliable feeding and excellent printing results on any media.

Excellent Quality · Easy Printing · Easy Maintenance

## JV3-160SP Solvent Inkjet Plotter General Specifications

Item		Specifications	
Print head		On-demand piezo head, 4 print heads in-line	
Maximum printing width		Normal scan 63.9 in. (1610 mm), Hi-speed scan 62.3" (1570 mm), 1440 x 1440 dpi: 39.7" (1000 mm) 6-colors, 63.9" (1610 mm) 4-colors	
Print nozzle		4-color / 360 nozzles per color	6-color / 180 nozzles per color
Print mode	360 x 360 dpi	1 / 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
	360 x 720 dpi	2 / 4 / 8 / 16 pass, Bi/Uni direction	4 / 8 / 16 pass, Bi/Uni direction
	720 x 720 dpi	2 / 4 / 8 / 16 pass, Bi/Uni direction	4 / 8 / 16 pass, Bi/Uni direction
	720 x 1440 dpi	4 / 8 / 16 / 32 pass, Bi/Uni direction	8 / 16 / 32 pass, Bi/Uni direction
	1440 x 1440 dpi	8 / 16 / 32 pass, Bi/Uni direction	16 / 32 pass, Bi/Uni direction
Ink	Type	Exclusive solvent ink (with IC chip)	
	Color	black, cyan, magenta, yellow	black, cyan, magenta, yellow, light cyan, light magenta / washing liquid x 2
	Ink volume	880cc/color (440cc x 2 cartridges/color)	440cc/color (440cc x 1 cartridge/color)
Media	Size	Max.: 63.7 in. (1,620 mm), Min.: 8.3 in. (210 mm)	
	Plotting surface	Faces out	
	Roll diameter	Outer: less than 7.1 in. (180 mm), Inner: 2-inch, 3-inch	
	Roll weight	55.5 lbs. (25 kg)	
Media cutting	Cutter in Y direction by cutter at head		
Media take-up device	Roll take-up device (standard) – inside, outside selectable		
Interface	IEEE-1994 / IEEE-1284		
Applicable standards	VCCI, FCC, UL, CE		
Power supply	AC 100V ~ 120V ± 10%, AC 200V ~ 240V ± 10%, 50/60 ± 1Hz (switching heater voltage required)		
Power consumption	Less than 1500VA		
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 308 lbs. (140 kg)		

All our products are manufactured under our quality assurance system certified by ISO 9001. MK111 A-2002-09-5-a

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Information shown in this specification sheet is subject to change without notice. Install proper ventilation, and inspect ventilation equipment regularly. Post effects of organic solvents on people, warnings, etc. All trade marks or registered trade marks are the property of the respective owners.

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