

Software

Newly upgraded RIP software with higher functionality and more user-friendliness

# Raster Link 6 PLUS

Added useful functions

- ◆ [ID Cut] for consecutive cutting
- ◆ [Multi layers print] for wider expressiveness
- ◆ [Braille print] for easy operation of braille print

PDF including transparent effect is applicable.  
◆ PDF data image with transparent effect is faithfully printable as the original.

Specifications

Item	JV300-130 Plus	JV300-160 Plus
Print head	On-demand piezo head (2 staggered printheads)	
Print resolution	360 dpi, 540 dpi, 720 dpi, 1080 dpi and 1440 dpi	
Maximum print width	1,361 mm (53.5 in)	1,610 mm (63.3 in)
Maximum media width	1,371 mm (53.9 in)	1,620 mm (63.7 in)
Ink	Type/Color (*1)	Eco-solvent · SS21 (C, M, Y, K, Lc, Lm, Lk, Or, W) · ES3 (C, M, Y, K, Lc, Lm, W) · BS3 (C, M, Y, K) · BS4 (C, M, Y, K) Water-based sublimation ink · Sb54 (Bl, M, Y, K, Lbl, Lm)
	Package size (*2)	SS21: 440ml Ink cartridge, 600ml/2L Ink pack (White: 220ml ink cartridge only) BS3/BS4: 600ml/2L Ink pack ES3: 440ml Ink cartridge (White: 220ml ink cartridge only) Sb54: 440ml Ink cartridge /2L Ink pack
Circulation system	MCT (Mimaki Circulation Technology) only applies white ink	
Media thickness	1.0 mm or less	
Rolled media weight	45 kg (99.2 lb) or less	
Interface	USB 2.0/ Ethernet 1000BASE-T	
Power supply	Single-phase (AC 100-120V/ AC220-240V) x2 50Hz /60Hz ±1Hz	
Power consumption	1440W x 2 or less (AC100V) / 1920W x 2 or less (AC200V)	
Operational environment	Temperature: 20-30 °C (59-86 °F) Humidity: 35-65% Rh (Non condensing)	
Dimensions (W x D x H)	2,525 x 700 x 1,392 mm (99 x 28 x 55 in.)	2,775 x 700 x 1,392 mm (109 x 28 x 55 in.)
Weight	170 kg (374.8 lb)	200 kg (440.9 lb)

Print speed

4C (CMYK)							
PVC			Banner				
Print mode	Speed (m <sup>2</sup> /h)		Print mode	Speed (m <sup>2</sup> /h)			
Draft	540x720,4P	Bi	32.7	Super Draft	360x360,1P	Bi	105.9
High Speed	540x720,6P	Bi	24.6	Draft	540x360,2P	Bi	69.2
Standard	720x1080,6P	Bi	20.2	High Speed	540x360,3P	Bi	45.0
High Quality	720x1440,12P	Bi	10.4	Standard	540x720,4P	Bi	32.7
				High Quality	720x1080,6P	Bi	20.2

8C (CMYKcLcLmLkOr) / 6C+W (CMYKcLcLm+WW) (CMYKcLkOr+WW)							
PVC			Banner				
Print mode	Speed (m <sup>2</sup> /h)		Print mode	Speed (m <sup>2</sup> /h)			
Draft	540x360,6P	Bi	22.7	Super Draft	360x360,2P	Bi	50.5
High Speed	540x720,8P	Bi	17.4	Draft	540x360,4P	Bi	33.9
Standard	720x1080,12P	Bi	10.5	High Speed	540x360,6P	Bi	22.7
High Quality	720x1440,24P	Bi	5.3	Standard	540x720,8P	Bi	17.4
				High Quality	720x1080,16P	Bi	7.9

The above print speed is by printed by JV300-160 Plus.

Supplies

Item	Color	Item No.	Remarks	
SS21 GREENGUARD Gold certified ink	C/M/Y/K Lc/Lm/Or/Lk	SPC-0501x	440ml Ink cartridge	
		x...Color		
		C/M/Y/K/Lc/Lm/Or/Lk		
	Cyan	SS21-C-60	600ml Ink pack	
	Magenta	SS21-M-60		
	Yellow	SS21-Y-60		
	Black	SS21-K-60		
	Light Cyan	SS21-LC-60		
	Light Magenta	SS21-LC-60		
	Orange	SS21-OR-60		
Light Black	SS21-LK-60			
White	SPC-0504W-2	220ml Ink cartridge		
Cyan	SPC-0588C	2L Ink pack		
Magenta	SPC-0588M			
Yellow	SPC-0588Y			
Black	SPC-0588K			
Light Cyan	SPC-0588LC			
Light Magenta	SPC-0588LM			
Orange	SPC-0588Or			
Light Black	SPC-0588Lk			
ES3	Cyan	SPC-0440C	440ml Ink cartridge	
	Magenta	SPC-0440M		
	Yellow	SPC-0440Y		
	Black	SPC-0440K		
		SPC-0440LC	220ml Ink cartridge	
		SPC-0440LM		
		SPC-0433W-2		
BS3	Cyan	SPC-0667C	600ml Ink pack	
	Magenta	SPC-0667M		
	Yellow	SPC-0667Y		
	Black	SPC-0667K		
	Cyan	SPC-0693C		2L Ink pack
	Magenta	SPC-0693M		
		SPC-0693Y		
		SPC-0693K		
BS4	Cyan	BS4-C-60	600ml Ink pack	
	Magenta	BS4-M-60		
	Yellow	BS4-Y-60		
	Black	BS4-K-60		
			BS4-C-2L	2L Ink pack
			BS4-M-2L	
			BS4-Y-2L	
			BS4-K-2L	
Sb54 ECO PASSPORT certified ink	Blue	SB54-BLT-44	440ml Ink cartridge	
	Magenta	SB54-MT-44		
	Yellow	SB54-YT-44		
	Black	SB54-KT-44		
			SB54-LBT-44	2L Ink pack
			SB54-LMT-44	
			SB54-BLT-2L	
			SB54-MT-2L	
		SB54-YT-2L		
		SB54-KT-2L		
		SB54-LBT-2L		
		SB54-LMT-2L		
MS Cleaning cartridge		SPC-0294	220ml Ink cartridge	
Washing liquid		SPC-0259	220ml Ink cartridge	
Eco cartridge		OPT-J0361	4 c/s	

\*1: BS3/BS4 are available in specific countries.

\*2: Optional Mimaki Bulk Ink System (MBIS3) is required for using 2L ink pack.

GREENGUARD Gold: Applicable products to this "GREENGUARD Gold certification" are acceptable for use in environments such as schools and medical facilities based on the most strict global standard of chemical substance diffusion.

Eco Passport: Safety and security certification of chemical substances, such as dye, pigment, textile auxiliaries and finishing process agent, which are used to produce textile products

For  
SIGN  
GRAPHICS

Wide-format Inkjet Printer for  
Solvent / Water-based Sublimation Inks



# JV300Plus Series

## JV300-130/160Plus



●Some of the samples in this catalog are artificial renderings. ●Specifications, design and dimensions stated in this catalog may be subject to change without notice (for technical improvements etc). ●The corporate names and merchandise names written in this catalog are the trademark or registered trademark of the respective corporations. ●Inkjet printers print using extremely fine dots, so colors may vary slightly after replacement of the printing heads. Also note that if using multiple printer units, colors could vary slightly from one unit to other units due to slight individual differences. ●Please note that descriptions and data in this catalog are as of October 2019.

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Large-format inkjet printer equipped with eco-solvent ink for signage market, which is a high-performance printer wherein environmental protection are achieved by means of additional ecology & economy as well as by work efficiency

# JV300-130/160Plus



Ecology  
Economy

Labor-saving process &  
Business efficiency

3 Plus

High image quality  
Stability

## Ecology & Economy are newly added features

### Adoption of Eco-cartridge

A new Mimaki Eco-cartridge(\*) has been adopted with a replaceable 600ml ink pack. The Eco-cartridge is a reusable plastic case with a 600ml ink pack that can be replaced by customers. Using the Eco-cartridge will reduce the disposal of plastic 440ml cartridge every time ink is replaced, leading to environmental protection. In addition, the increased ink capacity reduces the need for cartridge replacement and add labor-saving process & business efficiency. The 8 colors (C, M, Y, K, Lc, Lm, Lk, Or) of SS21 600ml ink pack are newly prepared for the Eco-cartridge application.



(\*) The Mimaki Eco-cartridge is only compatible with 600ml ink packs.

## Labor-saving process & Business efficiency are additional features

### ID Cut is available!

- With the aid of Print & Cut, work efficiency of CG-FXII Plus Series (\*) can be improved -

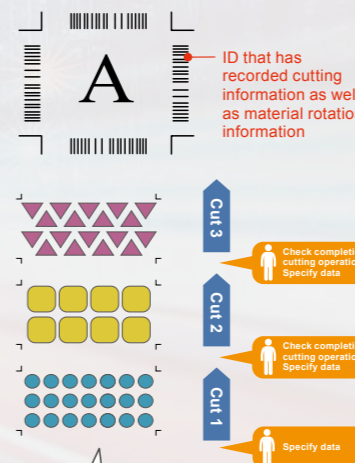
When JV300-130/160 Plus is used in combination with the optionally available Cutting plotters CG-FXII Plus Series, such a newly added function as "ID Cut" can be used, enabling labor-saving and efficient cutting & printing operations to be performed with ease.

(\*) CG-FXII Plus Series : CG-75FXII Plus, CG-130FXII Plus, CG-160FXII Plus

#### What is ID Cut?

When the printing operation is performed using JV300-130/160 Plus and RL6Plus, ID that has recorded cutting information as well as material rotation information is printed out simultaneously. When the register mark sensor of CG-FXII Plus Series reads such ID, it asks the applicable PC to send cutting data information to it, and starts the cutting operation automatically by means of CG-FXII Plus Series. Since ID is printed out in four directions, a correct cutting operation will be performed because the machine recognizes an orientation of any media, regardless of orientation of such media.

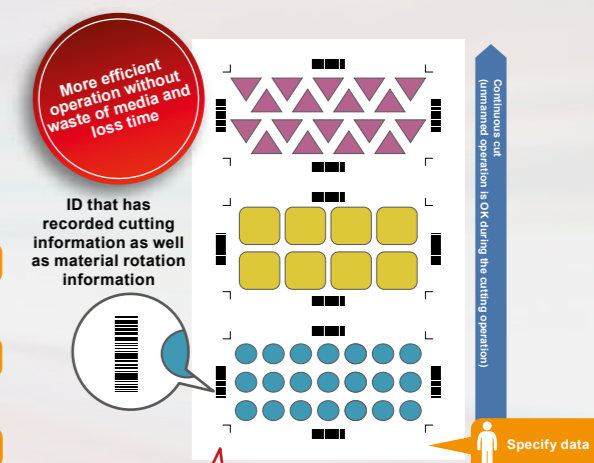
It eliminates any cutting instruction for each data from PC, and prevents media loss due to data transmission mistake.



**In the past...**  
Any operators scanned register marks and specified cut data after each cutting job was completed.



What is shown in the photo is CG-130FXII Plus



**In the ID Cut function, even if there are a large number of types of cut data, any operator performs manual operation only once at first!**

### Ethernet supported!

- Support for Ethernet connection implements free and efficient work environment -

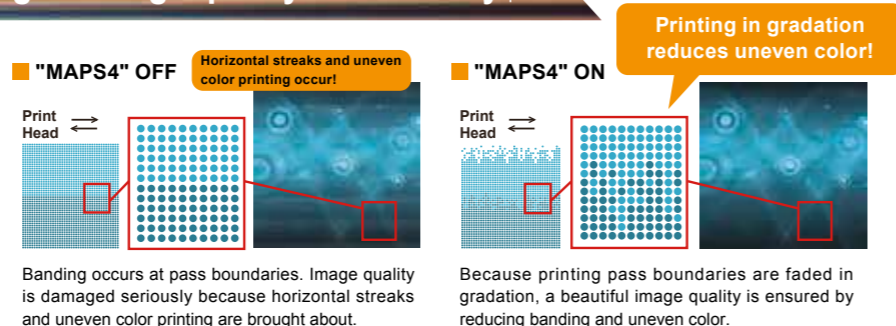
To the conventional connection method to PC for RIP, Ethernet connection has newly been added. Unlike the conventional USB connection, connection via Ethernet can be established via network cable, and thus connection to a printer from any PC within network is now available. More free and efficient work-site environment can be put in place, by editing data using any PC in your office, then sending print data directly to a printer in your work operation site, for example.



## Newly added functions to support higher image quality and stability

### MAPS4

In ordinary textile printers, the straight pass boundaries often results in bandings and discoloration due to slight misalignment. The "MAPS4 (Mimaki Advanced Pass System 4)" functionality provides gradation to printed pass boundaries and reduces banding and uneven color, achieving a beautiful printing result.



### Adoption of newly designed feeding & winding mechanism

- "End-face guide" for maximum loadable media in weight (45kg) comes equipped with as standard -

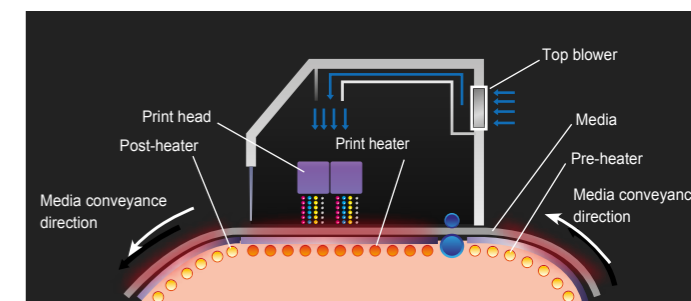
Through renewal of the older feeding & winding mechanism, stability of media conveyance has been improved, and thus the maximum loadable media weight has changed from 40kg to 45kg, making longer-sheet printout available. Also, it is provided with such an end-face guide as standard that prevents edge-surface meandering when any media are wound up, supporting high-quality printout through stable winding.

### Our original and patented technology

### Mimaki's original 3-way intelligent heater

This 3-way intelligent heater fixes ink droplets placed on media in position. While temperature is controlled with Mimaki's original technology, heat is applied to media, and ink droplets are fixed in position with excellent color development and high-quality image being maintained. It achieves both stable color development and easy handling after output.

- Pre-heater: Heats media to optimum temperature before printing
- Print heater: Dries ink droplets placed on media prior to ink bleeding, improving color development
- Post-heater: Accelerates ink drying, realizing a stable winding
- Top blower: Provides air blow to support ink drying



Patent numbers of 3-way intelligent heater  
Japan: 4889059 USA: 8,444,262 China: ZL 200910222559.8