

■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 (Bi, 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 ² /h) | | Print mode | Speed (m ² /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 ² /h) | | Print mode | Speed (m ² /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 | | |
| BS3 | White | SPC-0433W-2 | | |
| | Cyan | SPC-0667C | 600ml Ink pack | |
| | Magenta | SPC-0667M | | |
| | Yellow | SPC-0667Y | | |
| | Black | SPC-0667K | | |
| | Cyan | SPC-0693C | | |
| Magenta | SPC-0693M | | | |
| BS4 | Yellow | SPC-0693Y | 2L Ink pack | |
| | Black | SPC-0693K | | |
| | Cyan | BS4-C-60 | | 600ml Ink pack |
| | Magenta | BS4-M-60 | | |
| | Yellow | BS4-Y-60 | | |
| | Black | BS4-K-60 | | |
| Cyan | BS4-C-2L | | | |
| Magenta | BS4-M-2L | | | |
| Yellow | BS4-Y-2L | 2L Ink pack | | |
| Black | 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 | | |
| | Light Blue | SB54-LBT-44 | 2L Ink pack | |
| | Light Magenta | SB54-LMT-44 | | |
| | Blue | SB54-BLT-2L | | |
| | Magenta | SB54-MT-2L | | |
| | Yellow | SB54-YT-2L | | |
| | Black | SB54-KT-2L | | |
| Light Blue | SB54-LBT-2L | | | |
| Light Magenta | 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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Mimaki Global Network

| | | | |
|-----------|--|-----------|----------------------------------|
| USA | MIMAKI USA, INC. | Europe | MIMAKI EUROPE B.V. |
| Brazil | MIMAKI BRASIL COMERCIO E IMPORTACAO LTDA | Indonesia | PT. MIMAKI INDONESIA |
| India | MIMAKI INDIA PRIVATE LIMITED | Australia | MIMAKI AUSTRALIA PTY. LTD. |
| Taiwan | MIMAKI ENGINEERING (TAIWAN) CO.,LTD. | China | SHANGHAI MIMAKI TRADING CO.,LTD. |
| Singapore | MIMAKI SINGAPORE PTE. LTD. | Thailand | MIMAKI (THAILAND) CO.,LTD. |



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.

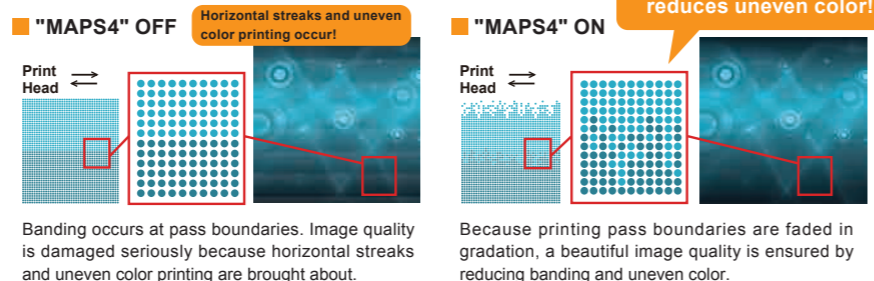


(*) The Mimaki Eco-cartridge is only compatible with 600ml ink packs.

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.

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 -

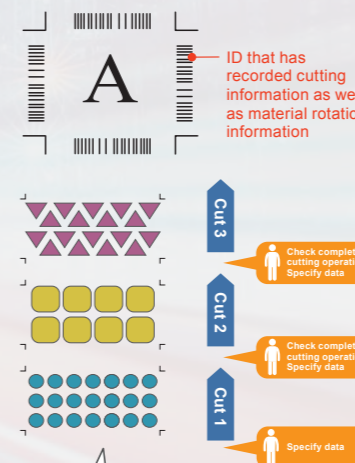
When JV300-130/160 Plus is used in combination with the optionally available Cutting plotters CG-FXII Plus Series, such a newly added function as "ID Cut" can be used, enabling labor-saving and efficient cutting & printing operations to be performed with ease.

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

What is ID Cut?

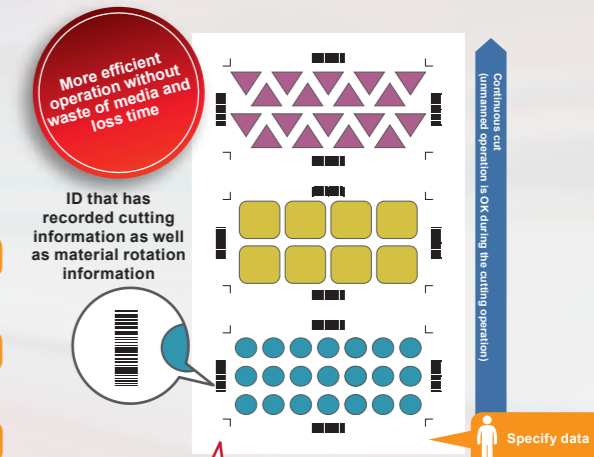
When the printing operation is performed using JV300-130/160 Plus and RL6Plus, ID that has recorded cutting information as well as material rotation information is printed out simultaneously. When the register mark sensor of CG-FXII Plus Series reads such ID, it asks the applicable PC to send cutting 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.

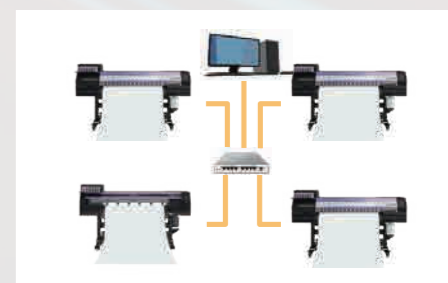


In the ID Cut function, even if there are a large number of types of cut data, any operator performs manual operation only once at first!

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.



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

