

## Expert printing made easy



The four UP-graded features for power-up your business **NEW!**

# UP!

Function for the high image quality **UP!**

**NEW!**

## DAS

Automatic adjustment of dot landing position & medium feed comp

Speed **UP!**

Speedy printing of high-quality images

**27.4 m<sup>2</sup> /h**  
(294.93 sqft/h)  
4C 720x600 dpi 4P  
(For Banner)

Drying property grade **UP!**

**NEW!**

New Mimaki's Eco-solvent ink

## CS250

Reproducibility of PDF data of special effect Software operability

**UP!**

**NEW!**

Mimaki's original RIP



## Reliable new feature that achieves Mimaki quality

### DAS (Dot Adjustment System) **NEW!**

The function to adjust automatically the dot position and the feed amount that affect print quality as the standard equipment.

After changing a media and a printing condition, the ink dot position and media feeding amount must be adjusted accordingly. Since DAS automatically applies them, printing can be performed without labor and variation of adjustment by the operator (\*1).

\* 1: Some media cannot be automatically applied.

#### DAS

It is the function to print a dedicated pattern to the media and read by the sensor mounted on the carriage to adjust automatically:

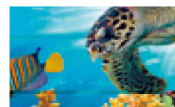
- Dot position (Dot jetting position at the bi-direction)
- Feeding amount (Media feeding amount)



Improper dot position



With DAS



Overlap/Black streaks (Insufficient feeding amount)



Gap/White streaks (Excessive feeding amount)

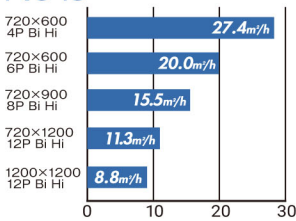
Proper dot position and feeding amount

## High productivity supported by high-quality functions

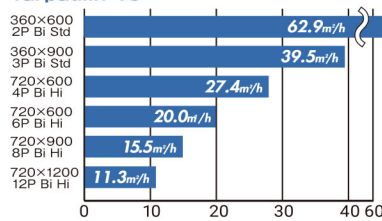
### Print speed High Speed 720x600 dpi

Glossy PVC **20.0 m<sup>2</sup>/h** Tarpaulin **27.4 m<sup>2</sup>/h**

#### PVC 4C



#### Tarpaulin 4C



### Prints out 180% faster than JV150 \*

\* Comparison of print speed at 6 pass  
media : PVC, Y resolution : 720dpi  
JV100-160: 20.0 m<sup>2</sup>/h  
JV150-160: 11.1 m<sup>2</sup>/h

## Beautiful×Speedy×Eco-friendly Eco-solvent ink of well-balanced in every respect

### Mimaki's newly developed Eco-sol ink CS250 **NEW!**

The CS250 boasts excellent safety and high quality, which is evaluated by waveform created by a printer manufacturer. One of the features is upgraded drying property.

It evaporates quickly after printing and print-outs dry much faster, which prevents blocking and enables reproducing in detail even images that need a lot of ink.

The CS250 is contained in one-liter bottle that allows prolonged operation. it is a green product that abates odor for a better operating environment.





# Raster Link 7



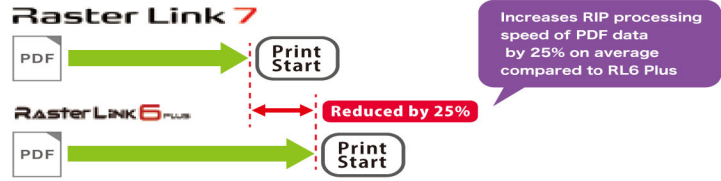
**NEW!** Supports operability and the fineness of print-outs

- Improves reproducibility of special effects (such as transparency) of PDF data
- Increases RIP processing speed of PDF data by 25% on average
- Prints out the variable data by Variable print function
- Displays frequently used setting and pop-up windows

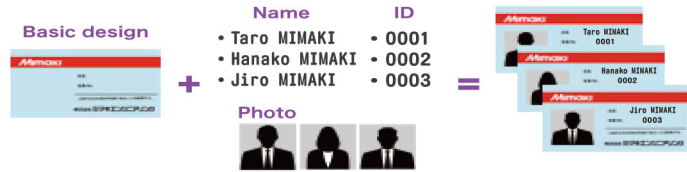
## 1 PDF data with a lot of special effects embedded



## 2 Increases RIP processing speed of PDF data by 25% on average



## 3 Variable print function



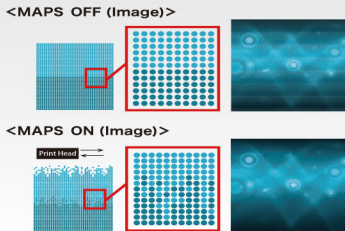
## 4 Easy-to-check displays



## Achieves HIGH QUALITY in image quality, functionality, and productivity

### "MAPS4" supported (Mimaki Advanced Pass System) Banding reduction function

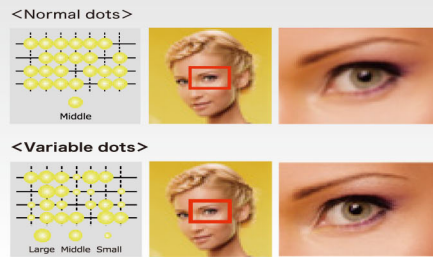
By printing the border of the path in a gradation tone, banding (horizontal stripes), uneven color, and glossy stripes are reduced to achieve smooth printing.



Based on printing conditions such as media/ink type and resolution, the most suitable gradation pattern is automatically selected and printed.

### Minimum ink size 4pl Beautiful print of less granularity feeling

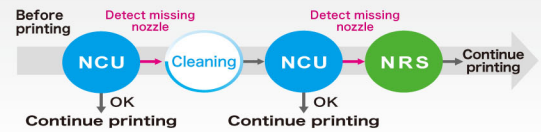
Three different ink dot sizes are used in printing to enable high-quality print with reduced granular feeling.



Dots are combined with the minimum size of 4pl to enable smooth color printing with less granular feeling.

### NCU/NRS employed to monitor missing nozzles

The sensor automatically detects the condition of nozzles. When the NCU (Nozzle Check Unit) detects a missing nozzle, it automatically performs cleaning. If there is a nozzle problem left unsolved by the cleaning, NRS (Nozzle Recovery System) automatically replaces the defective nozzles with other nozzles, and enables users to continue their operation without waiting for service personnel.



### Specifications

Item	JV100-160	
Print head	On-demand piezo head (2 staggered layout)	
Printing resolution	360 dpi, 600 dpi, 720 dpi, 900 dpi, 1200 dpi	
Ink type	Eco-solvent ink CS250	
Ink set	CMYK	
Ink capacity	1L bottle	
Maximum drawing range	1,610 mm (63.1 in)	
Media	Maximum width	1,620 mm (63.8 in)
	Thickness	1 mm or lower
	Roll diameter	φ 250 mm or less
	Roll weight	45 kg (99 lb) or less
Roll inside diameter	2/3 in	
Interface	USB2.0 / Ethernet 1000BASE-T	
Power	Single-phase AC100-120 / 200-240V ± 10%, 50/60Hz ± 1Hz	
Operational environment	Temperature:20-30degC(68-86 degF) Humidity:35-65%Rh(without condensation)	
Dimensions (W x D x H)	2,775 x 700 x 1,392mm (109 x 28 x 55 in)	
Weight	166 kg (366 lb)	

### Supplies

Item	Color	Item code	Remark
Eco-solvent ink CS250	Cyan	CS250-C-BA	1 L bottle
	Magenta	CS250-M-BA	
	Yellow	CS250-Y-BA	
	Black	CS250-K-BA	
Maintenance liquid 14		ML014-Z-BA	

●Some examples shown in this catalogue are artificial renderings. ●Specifications, designs and dimensions shown in this catalogue may be subject to change without notice for technical improvements. ●The corporate and merchandise names in this catalogue are the trademarks or registered trademarks of the respective corporations. ●Inkjet printers use extremely fine dots, so colors may vary slightly after replacement of print heads. ●Also note that when using multiple printer units, colors could vary slightly from one unit to another due to slight individual differences. ●Please note that descriptions and data in this catalogue are as of November 2020.



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