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COMPANY PROFILE

Mimaki is a pioneer in the development of digital printing and cutting products worldwide. The company has engineered and manufactured a complete line of digital printers and cutters and offers a total workflow solution for the many applications found in the Sign & Graphics, Textile & Apparel and Industrial markets. Mimaki develops the complete product range for each group: hardware, software, and the associated consumable items such as inks and cutting blades. Mimaki excels in offering innovative, high quality, reliable printer products using a variety of technologies including latex, eco-solvent, solvent, aqueous dye sublimation, solvent UV and UV-LED.



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At Mimaki, we believe that our customers should have confidence that the engines of their business efficiently deliver consistently outstanding results.

Mimaki printers include core technologies that offer you peace-of-mind by including features that reduce exposure to certain risks that can delay – or halt – production.

COMPANY STORY

Mimaki USA opened its Atlanta headquarters office in 1999 and grew its presence in the U.S. to several locations. Today, it operates Technology Centers in or near major metropolitan centers including Atlanta, Boston, Milwaukee, Dallas, Los Angeles, Northern New Jersey & Toronto.

Mimaki Engineering CO., LTD is based and operates out of Tomi City, Nagano Japan.

More Info





INDUSTRY FIRSTS

As an innovative leader with a forward-looking vision Mimaki is always on the forefront of technological advancements in print and cut devices.

More Info

- 1987 - Cutting plotter using the eccentric cut method
- 1996 - Inkjet printer using water- based pigment ink
- 1998 - Piezoelectric textile inkjet printer
- 2002 - High-definition, low-cost eco-solvent inkjet printer
- 2004 - Inkjet printer using UV-curable white ink
- 2015 - Sublimation inkjet printer with high-gap printhead
- 2017 - UV LED 3D inkjet printer capable of full-color modelling using more than 10 million colors
- 2017 - Print & Cut Inkjet Printer UV-curable ink

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MEET THE TEAMS

TECHNOLOGY CENTERS

www.mimakiusa.com



Mimaki USA – Atlanta
150 Satellite Blvd NE
Suite A
Suwanee, GA 30024
Toll Free: 888-530-4021

Mimaki USA – Milwaukee
4700 W. Ryan Road
Franklin, WI 53132
Telephone: 414-367-2661

Mimaki USA – New Jersey
198 Green Pond Rd
Rockaway, NJ 07866
Toll Free: 855-897-2254

Mimaki USA – Los Angeles
150 W. Walnut Street Suite 100
Gardena, CA 90248
Toll Free: 888-530-3987

Mimaki USA – Texas
8080 Tristar Drive
Suite 114
Irving, TX 75063
Toll Free: 888-983-5496

Mimaki Canada – Toronto
20 Barnes Court
Bldg. G
Concord, ON L4K 4L4
905-738-3913











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PRODUCT GUIDE

330 Series

Topics covered by this presentation:

- Why Mimaki?
- How the JV / CJV 330 series will enhance your business
- What to consider compared to competitive models



JV330-160
JV330-130



CJV330-160
CJV330-130

Mimaki USA

Version .1 - © 2022

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MAIN FEATURES

1. **New drop technology that delivers vivid, uneven image quality for stable business support**

   ***M**imaki **W**eaving **D**ot **T**echnology*

   Mimaki Weaving Dot Technology

2. **Improving post-processing efficiency to save work and labor**

   XY Slitter *In-line X-axis and Y-axis sheet-fed cutting is possible, reducing post-processing work.

3. **Assist in saving manpower and work with advances in usability**

   Media changer *Up to 3 rolls of frequently used media can be set on the ejector side, saving space and work.

   V-shaped cut function *Added V-shape cutting pattern in addition to straight cutting pattern.
   *Assisted in taping to paper tubes.

   New maintenance mechanism *Cloth wipers, In-machine lighting, new ink supply unit Improved workability for daily maintenance

   Panel App *The original application "Mimaki Remote Access" enables remote panel operation and status check.

4. **Easier to use with the evolution of Mimaki Core Technology**

   New input profile *Vivid solid colors, easy-to-handle color reproduction ideal for signage in pursuit of natural, well-filled skin tones

   New transport mechanism *A new drive motor is installed on both sides of the rewind mechanism, which used to be driven only on the operation side. This improves the take-up power and the accuracy of meandering control.

   New ink circulation mechanism *By circulating not only the ink path but also the ink in the damper, waste ink is reduced and fresh ink is always maintained.

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OVERVIEW FUNCTIONS

New Ink Supply Unit

New feature
XY Slitter

New maintenance mechanism
Inside lighting
Cloth wiper



New feature
Media changer

Color LCD control panel

Print&Cut (CJV330)



Software
Raster Link 7

Mimaki Remote Access

New print head
330 Print Head



New mechanism
Mimaki Core Technology
New transport mechanism

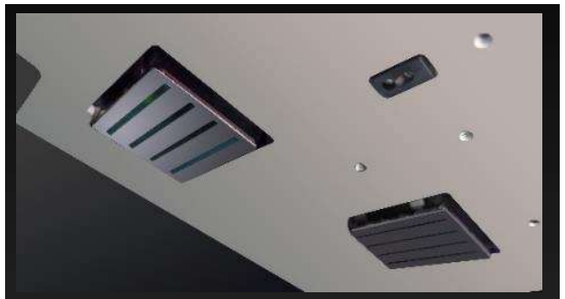
330 Series

JV330-160
JV330-130

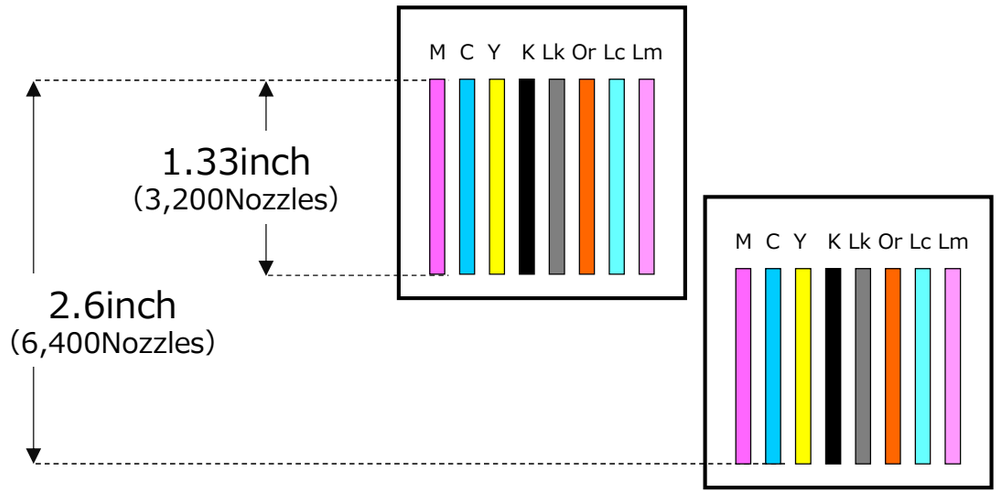


CJV330-160
CJV330-130

Print Engine



The Mimaki 330Series printhead is a high-definition head with 3,200 nozzles per head that delivers smooth skin texture and solid quality with stable ejection and a perfect circle of impact.



Supported inks	Inkset	Head 1	Head 2	Ink capacity
SS21	4C	M C Y K K Y C M	M C Y K K Y C M	2,000ml Package *SS21 White ink is 500ml
	8C	M C Y K Lk Or Lc Lm	M C Y K Lk Or Lc Lm	
	6C +W	M C Y K W W Lc Lm	M C Y K W W Lc Lm	

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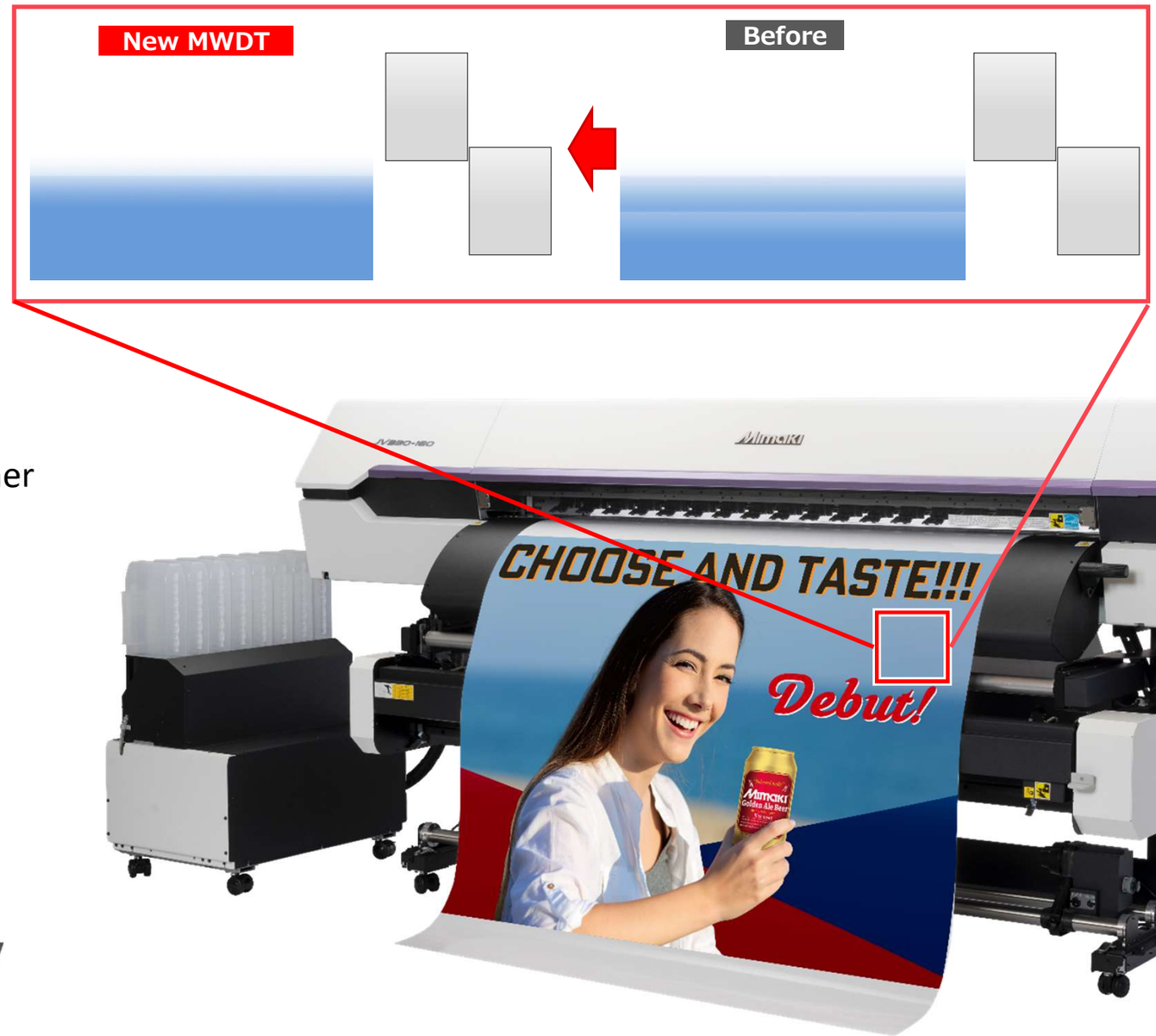
330 Series

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MWDT

- New drop technology for high image quality with no streaks or irregularities
- New ejection control technology
- Realizes higher solid quality and smoother image quality than ever before.

Mimaki
Weaving
Dot
Technology



330 Series

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XY SLITTER

- Quickly and easily convert graphics into ready to deliver prints!
- Inline sheet-fed cutting is now possible without the need to purchase an additional expensive cutting machine.
- With an accuracy of ±2mm when cutting general vinyl chloride, the system saves time and money.



Mimaki Weaving Dot Technology

330 Series

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V Cut Function

- Automated, accurate, V cut
  - Quickly finds center of media
- Enables accurate single-point attachment to take-up
  - Reduces media migration during take-up
  - Reduces time
  - Reduces labor
  - Reduces waste

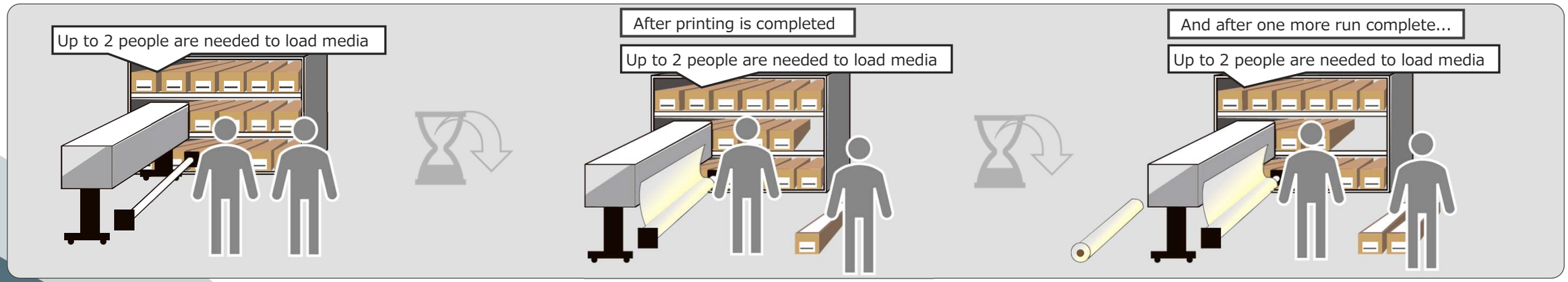


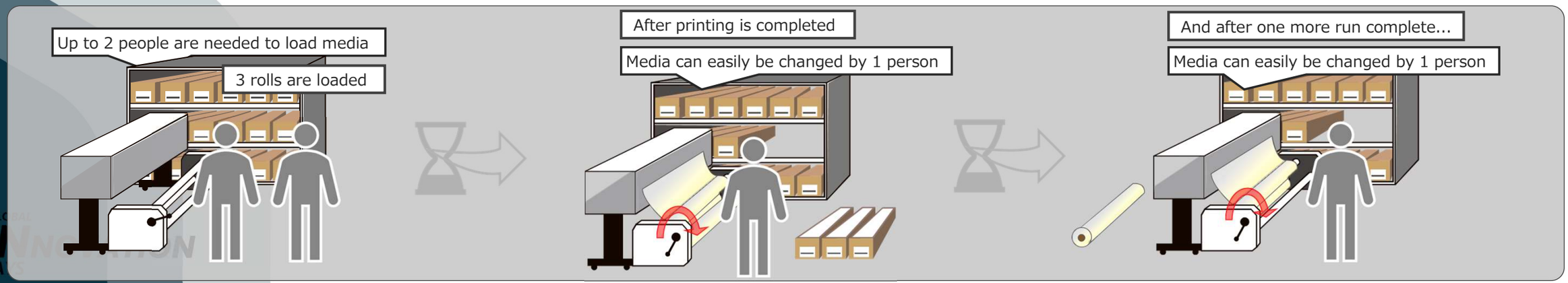
330 Series



Media Changer

- Up to 3 rolls can be installed (up to 200lbs)
- Easily rotate to change media
- Reduces loading time & required labor





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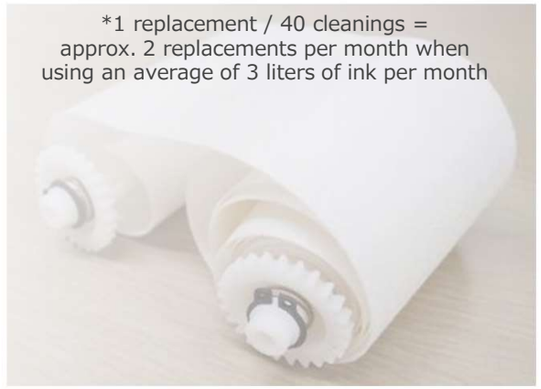
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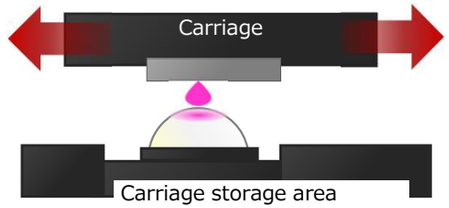
330 Series

Cloth Wiper

- New maintenance mechanism
- Equipped with a "cloth wiper" for the head cleaning mechanism during cleaning
- To reduce ink splattering during head cleaning, cleaning around the head and cap area becomes easier than ever.

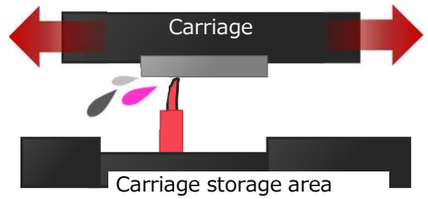
NEW





***Ink does not scatter easily due to the immersion mechanism**

Before



***Ink tends to splatter when it is scraped off.**

Cloth wiper replacement procedure

When the "Cloth wiper replacement" alert appears on the operation panel screen, it is time to replace the cloth wiper.
Press [Maintenance] > [Station Maintenance] > [Wiper Replacement] on the operation panel, and follow the instructions on the LCD to replace the wiper (it takes about 2 minutes to complete the operation).



1 Remove the used cloth wiper.



2 Wipe off any dust with a cloth.



3 Install a new cloth wiper.



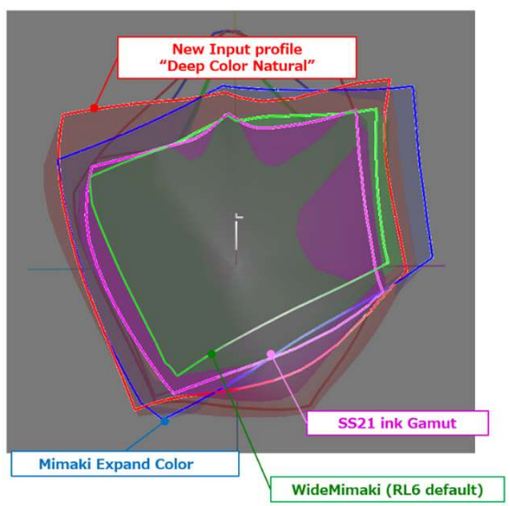
4 Set the wiper unit.

330 Series

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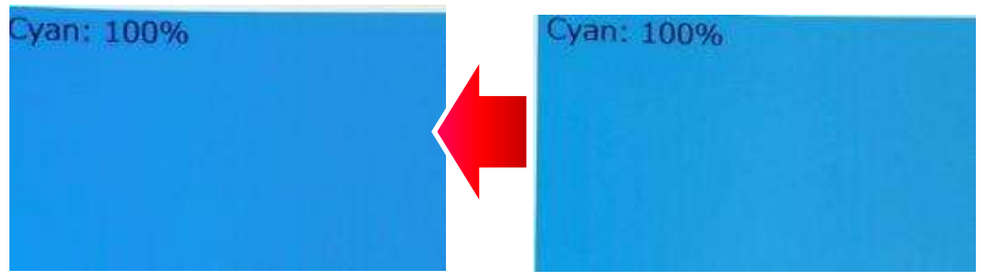
Deep Color Natural

- New input profile from 330 series
- Pursues the naturalness of skin tones and the filling of solid colors to create a profile that is easy to handle for the signage industry.
- Achieves both vivid solid colors that catch the eye in outdoor and indoor signage, neutral gray, and gray expression comparable to offset standards.

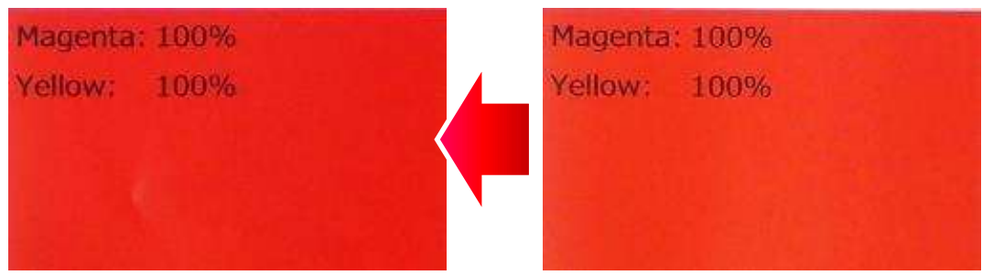


Deep Color natural	Expand Color

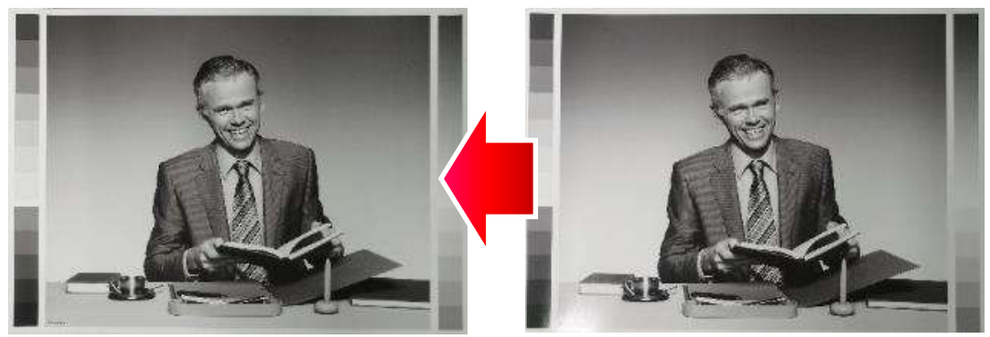
Point 1: Better solid fill (especially in the blue area)



Point 2: Pursuing a deep red color that is often requested



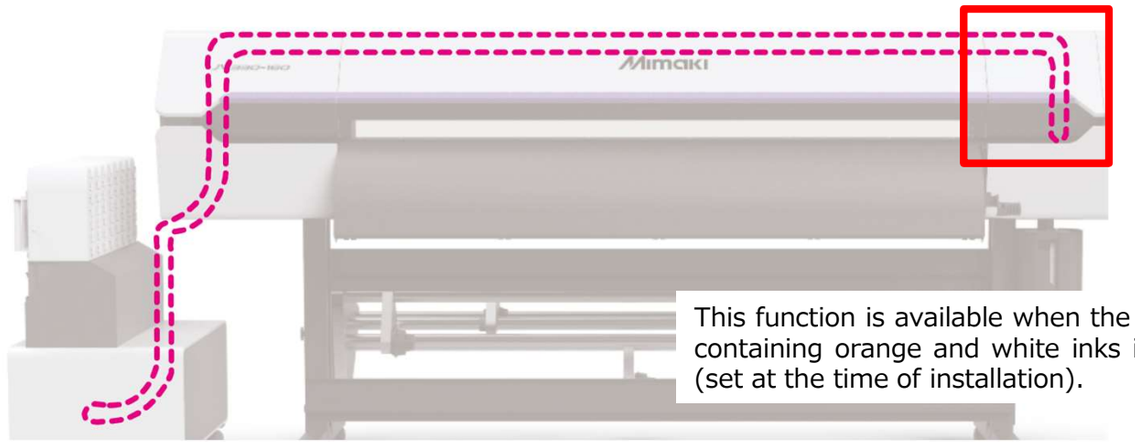
Point 3: Pursuing a more neutral gray



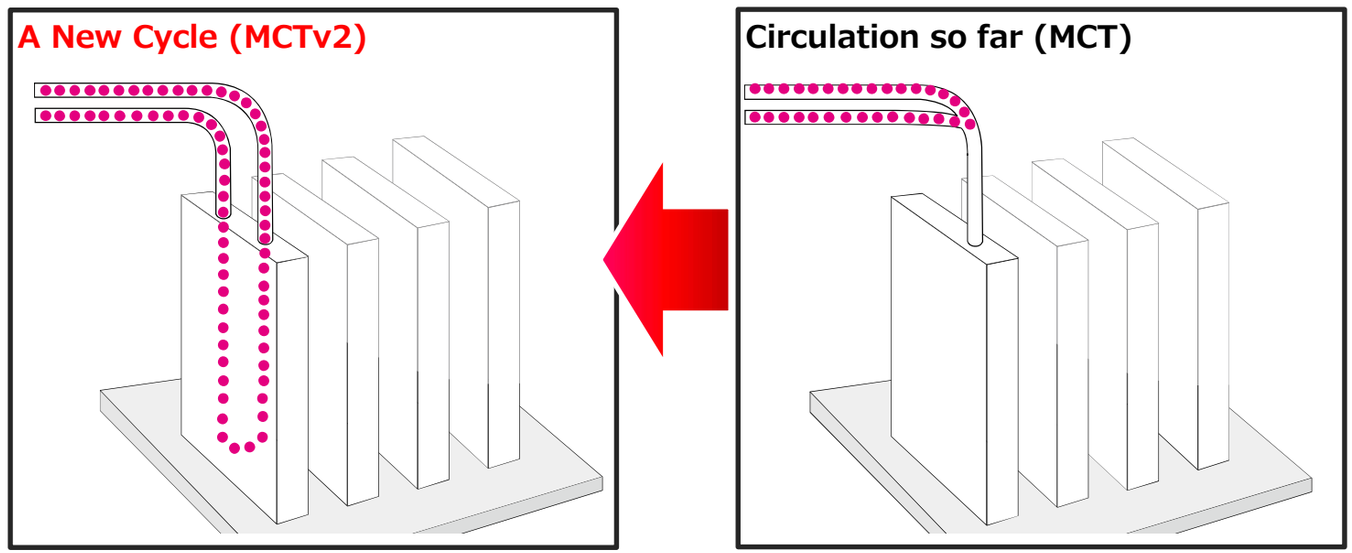
330 Series

MCTv2

- Mimaki Circulation Technology
- New ink circulation mechanism
- Evolved from a mechanism that used to circulate ink in the ink path to a design that circulates ink in the damper
- Keeping the ink fresh without wasting ink in the damper.



This function is available when the ink set containing orange and white inks is used (set at the time of installation).



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330 Series

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New Ink Supply Unit

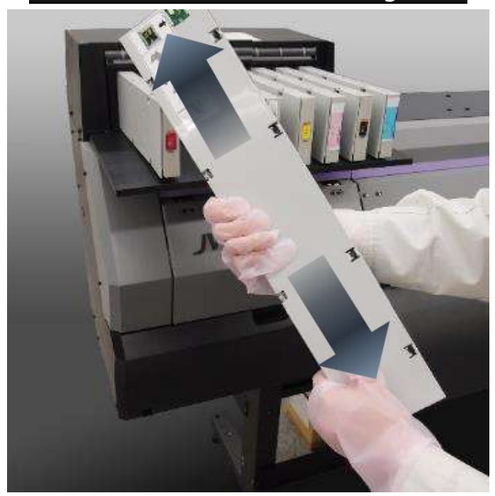


- Ink supply unit of 330Series is floor mounted type
- 2L ink pack can be installed.
- White and orange inks need to be stirred periodically to prevent settling.
- The new ink supply unit can be stirred without the need to remove the unit.
- The new ink supply unit does not need to be removed and can be stirred even during printing.

In the new ink supply unit Ink mixing



In the past, the cartridge type was used for Ink mixing



The new ink supply unit can move the ink back and forth while it is still installed, whereas the conventional cartridge type ink stirrer had to be removed and then stirred back and forth.
The new ink supply unit can move the ink back and forth while it is installed, and the ink can be stirred while printing.

330 Series

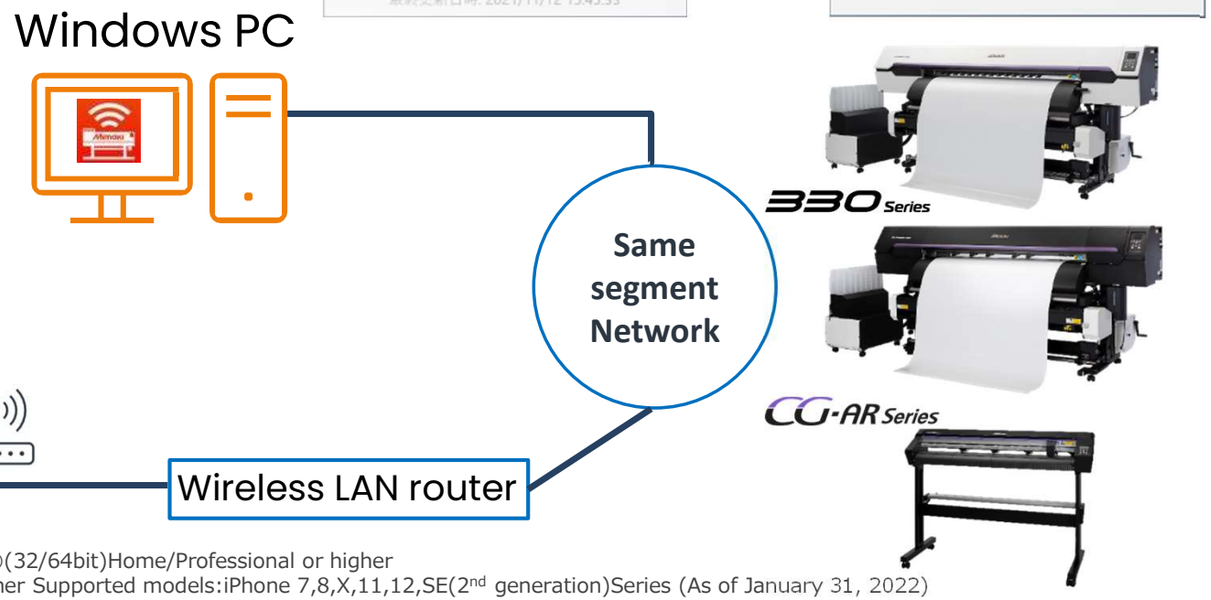
Mimaki Remote Access

- Possible to control the printer from smartphone
- Possible to check the remaining ink and media level of the printer from a distant place.
- Possible to turn on the heater and print the nozzle check pattern in advance.









*1 Windows10®(32/64bit)Home/Professional or higher
*2 iOS14 or higher Supported models:iPhone 7,8,X,11,12,SE(2nd generation)Series (As of January 31, 2022)

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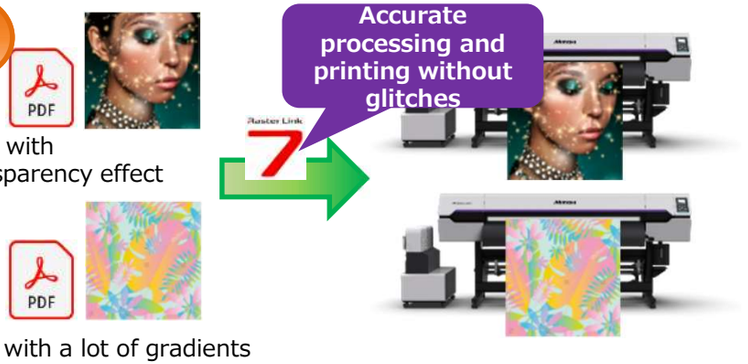
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330 Series

Raster Link 7

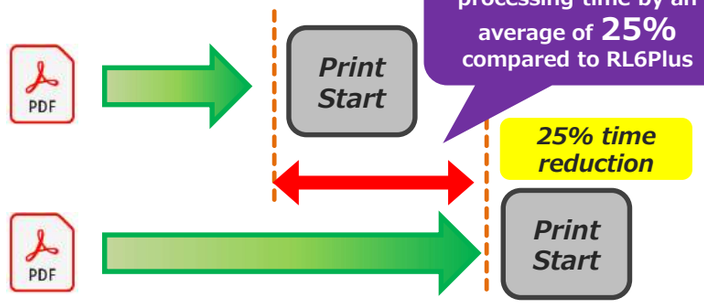
Software

1



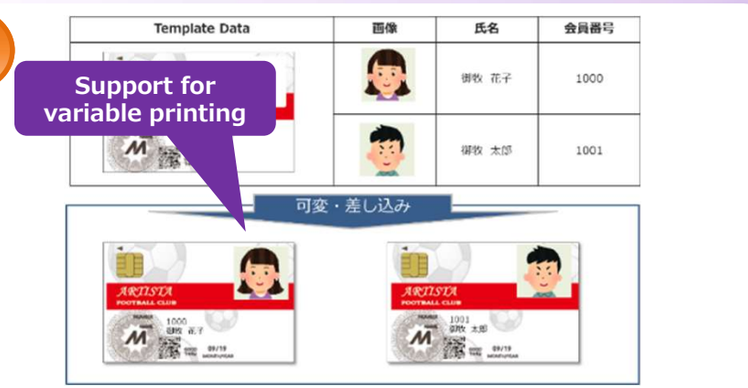
Improved reproducibility of special effects (transparency effects) of PDF data

2



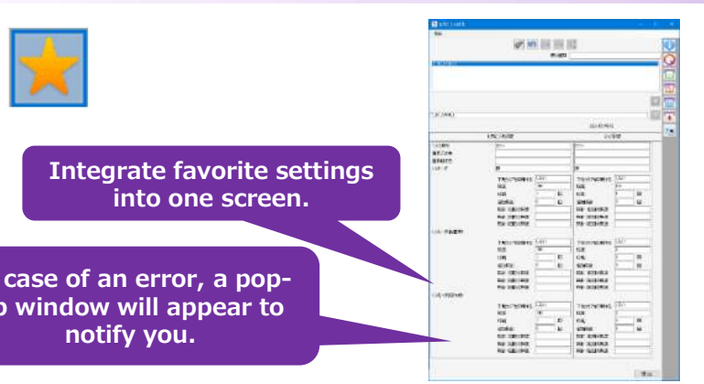
PDF data RIP processing averages 25% faster

3



Variable printing function enables uniform printing of one item

4



Redesigned UI such as favorite settings and pop-up display of logs

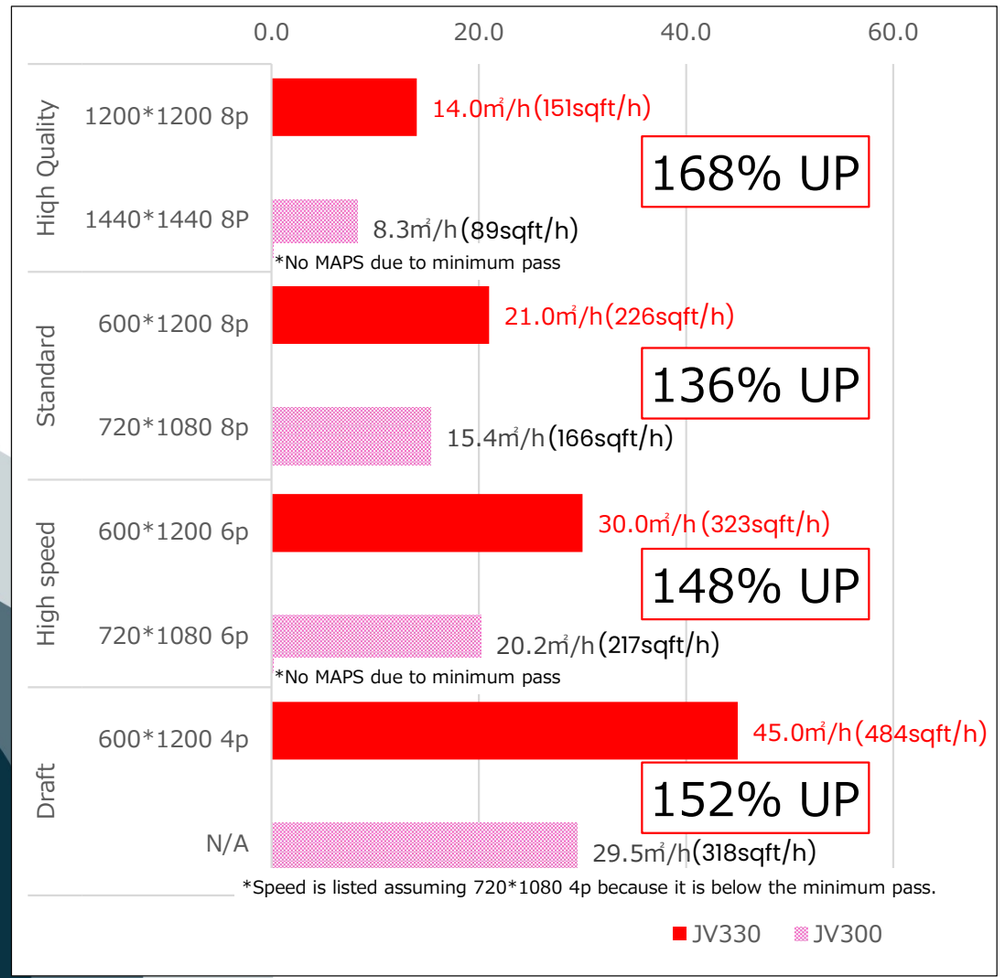
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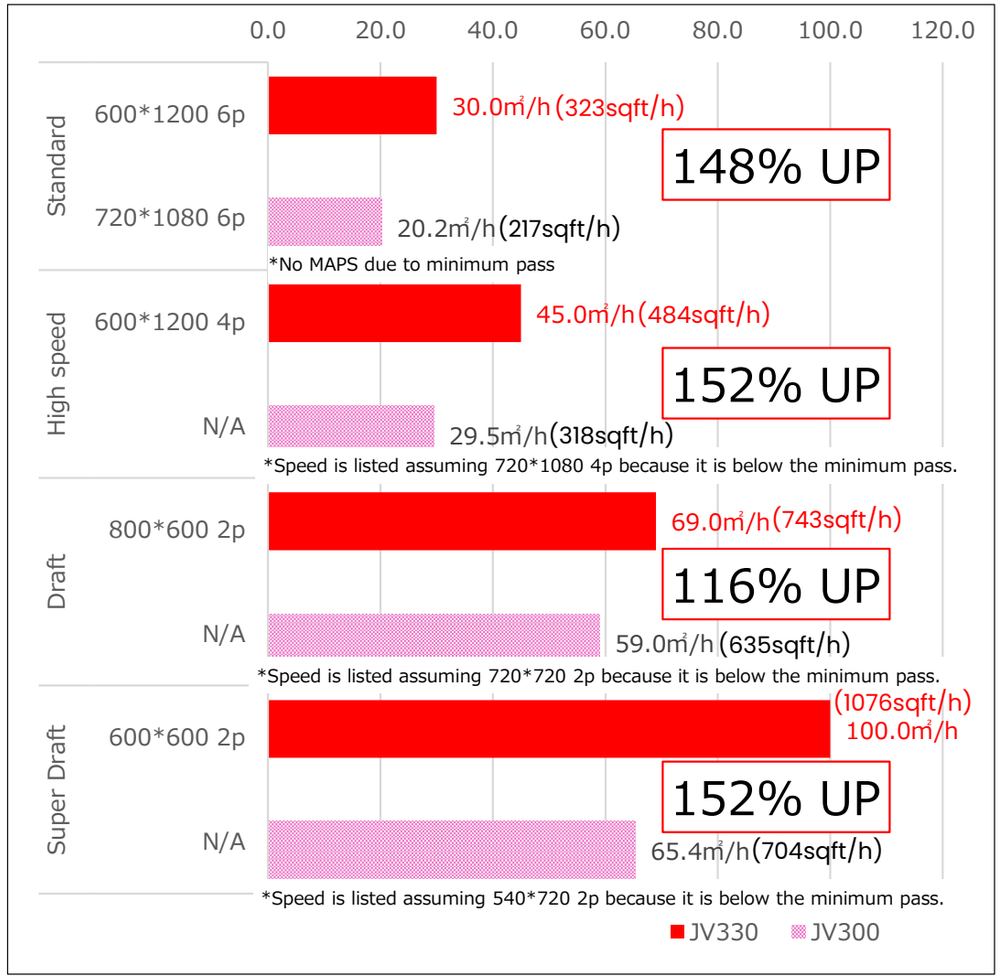
330 Series

Productivity(4colors)



JV330-160
JV330-130
CJV330-160
CJV330-130





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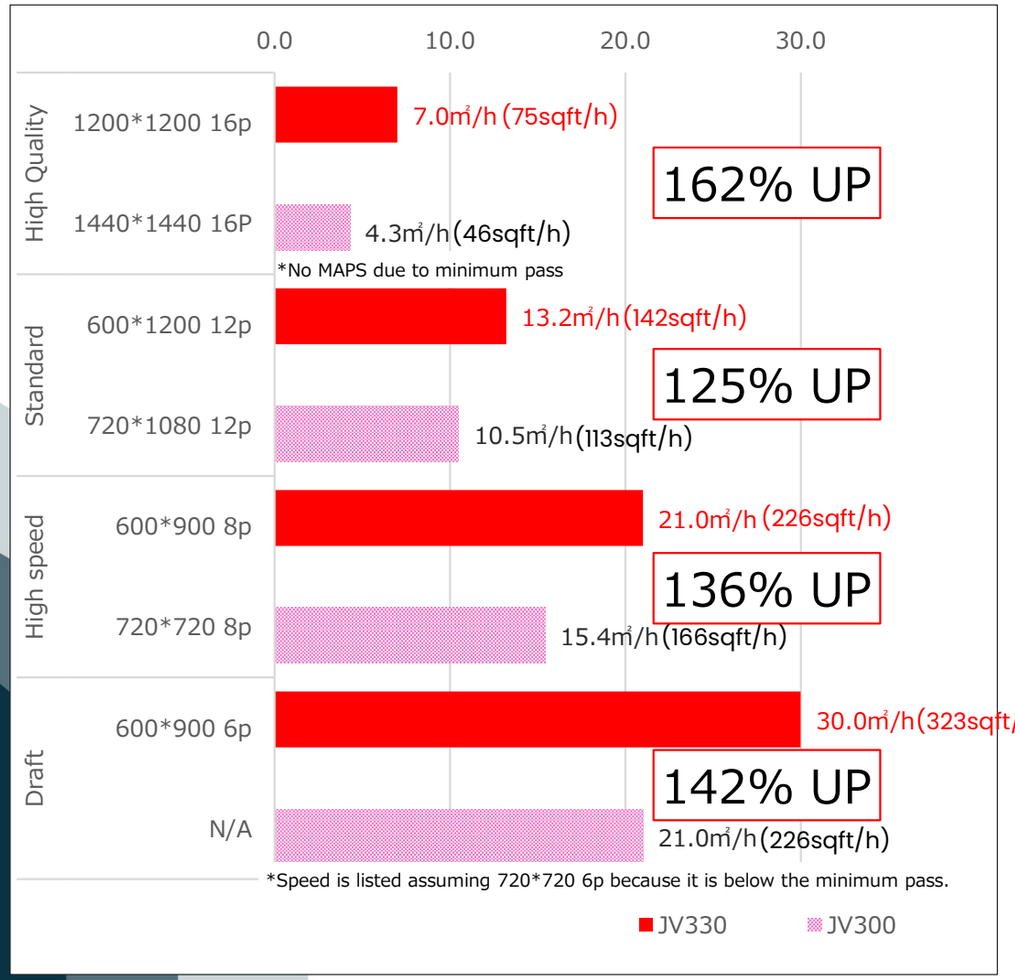
330 Series

JV330-160
JV330-130



CJV330-160
CJV330-130

Productivity(8/6 colors)





ENVIRONMENT INITIATIVES

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1. SS21 ink Packing box

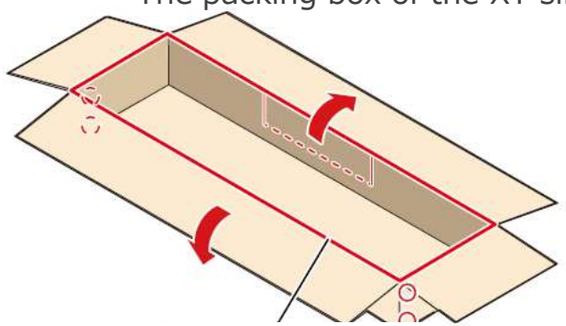
The 2L ink pack of SS21 is **92%** made of cardboard and paper, and 8% of plastic. This is an environmentally friendly packaging format.

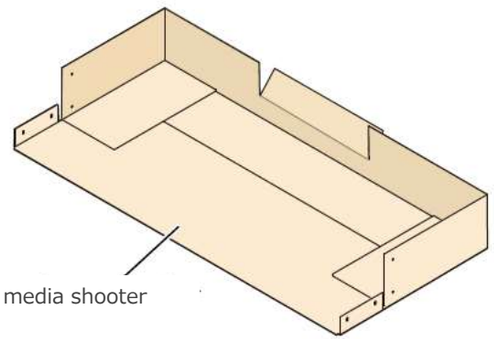




2. Reusing packing boxes for shooter boxes for XY slitters

The packing box of the XY slitter can be reused as a media shooter.


Cut the red line with a cutter.

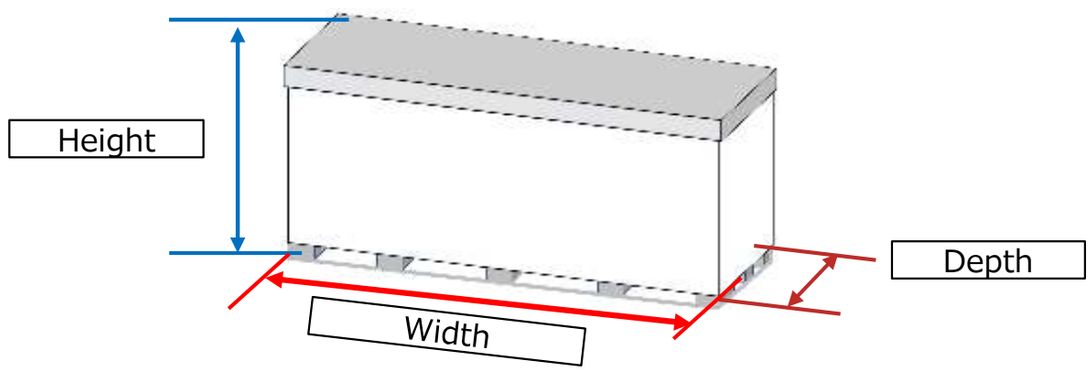

media shooter



PACKING SIZE & WEIGHT

Shipped in two boxes of cardboard packaging.

		JV330-160	JV330-130	CJV330-160	CJV330-130
	Printer				
	Width (W)	3,550 mm	3,300 mm	3,550 mm	3,300 mm
	Depth (D)	1,130 mm	1,130 mm	1,130 mm	1,130 mm
	Height (H)	950 mm	950 mm	950 mm	950 mm
	Weight	369 kg	364 kg	377 kg	369 kg
	XY Slitter				
	Width (W)	2,290mm	2,040mm	2,290mm	2,040mm
	Depth (D)	740mm	740mm	740mm	740mm
	Height (H)	320mm	320mm	320mm	320mm
	Weight	91kg	89kg	91kg	89kg



[Packaged items]

Printer main unit
Media changer
External ink supply unit
Printer leg parts
Printer accessories (3 boxes)
Waste ink tank
Paper tube

XY slitter unit set
Winding side roll holder x2,
Roll guide x2

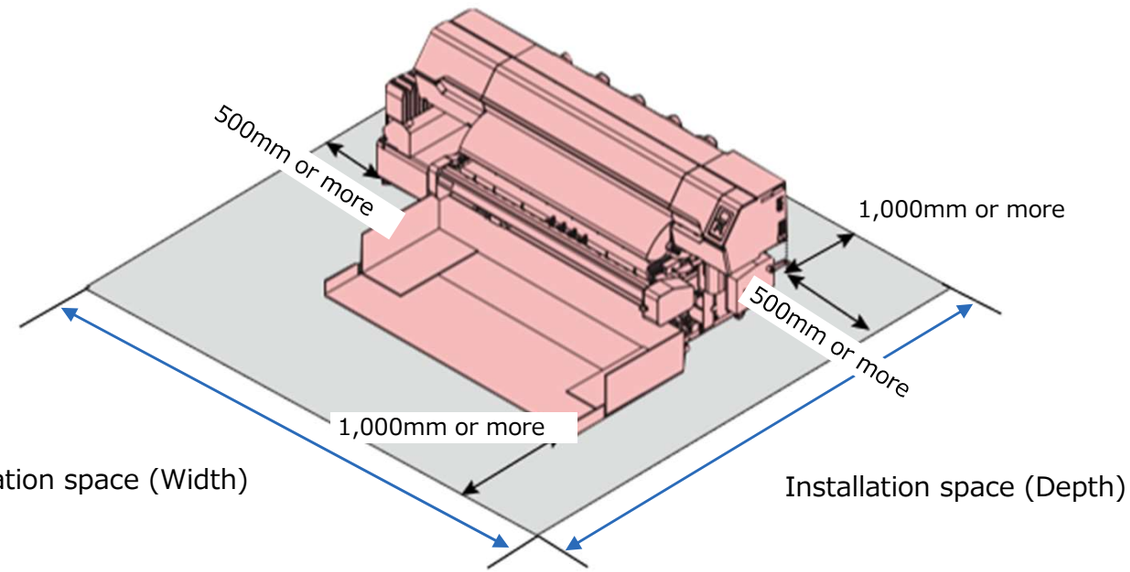
*The cleaning solution for pre-cleaning and maintenance KIT will be shipped in a separate package.

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INSTALL ENVIRONMENT

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Operating environment:	20~30 °C (68~86 °F) 35~65% Rh (Non-condensing)
Accuracy guaranteed temperature:	20~25 °C (68~77°F)



Installation space	JV330-160	CJV330-160	JV330-130	CJV330-130
Width	4,170mm or more	4,170mm or more	3,920mm or more	3,920mm or more
Depth	4,050mm or more			

SPECIFICATIONS

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Item		JV330-130	JV330-160	CJV330-130	CJV330-160	Remarks
Print head		On-demand piezo head (2 staggered printheads)				
Print Resolution		600, 800, 900, 1,200 dpi				
Head gap		3 levels by manual (2.0mm / 2.5mm / 3.0mm)				
Ink	Type	SS21				
	Color	C, M, Y, K, Lc, Lm, Lk, Or, W				
	Capacity	2L ink pack (White : 500ml ink pack only)				
Ink circulation		Circulation in damper MCTv2				
Max. Printable width		1,360mm(53.5in)	1,610mm(63.4in)	1,360mm(53.5in)	1,610mm(63.4in)	
Media	Max. Width	1,370mm(53.9in)	1,620mm(63.8in)	1,370mm(53.9in)	1,620mm(63.8in)	
	Outer dia.	Φ250mm or less				
	Max. load capacity	3 rolls (with the Media changer)				New feature
	Max. Roll weight	1 roll: max. 45 kg or less / 3 rolls: Total 90 kg or less				New feature
	Core dia.	2 inches / 3 inches				
Cut function	Cut Speed/ Acceleration	-	-	Speed:Max.300 mm/s Acceleration : Max. 0.5G		
	Cut pressure	-	-	10～450gf		
	Cutter response times	-	-	10 times /sec		
	Repetition accuracy	-	-	±0.2 mm		
Interface		Ethernet 1000 BASE-T(Recommended) / USB 2.0 Hi-speed				
Power		Main unit : Single phase AC100 - 120V±10% 12A AC200 - 240V±10% 6A 50/60 Hz ± 1 Hz x 2 pcs				
Power consumption		Max.1,440W or less ×2 / Min.4.5W or less (Sleep mode)				
Operational environment		Temperature : 20 - 30 degC (68 - 86 degF) /Humidity : 35 - 65% Rh (Non condensing)				
		Guaranteed accuracy temperature : 20 - 25 degC (68 - 77 degF)				
		Dust level : 0.15 mg/m3 or less (Equivalent to general office)				
Dimensions(WxDxH)		2920 x 1215 x 1305 mm (115.0 x 47.8 x 51.4 in)	3170 x 1215 x 1305 mm (124.8 x 47.8 x 51.4 in)	2920 x 1215 x 1305 mm (115.0 x 47.8 x 51.4 in)	3170 x 1215 x 1305 mm (124.8 x 47.8 x 51.4 in)	
Weight		358kg (789.2Ib)	368kg (811.3Ib)	363kg (800.3Ib)	373kg (822.3Ib)	

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Mimaki™