

For  
SIGN  
GRAPHICS

**Mimaki**<sup>TM</sup>

3.2M Grand Format Inkjet Printer

# SWJ-320EA



## 1. Max. Print speed 137 sqm/h //

Empowered high productivity 20% faster than SWJ-320 S4\*

\* Comparison speed : Production mode  
SWJ-320EA: 35 sqm /h (600x600 dpi 8P B)  
SWJ-320S4 : 29 sqm /h (720x600 dpi 8P B)

## 2. Mimaki's leading edge technology //

MAPS4 / Variable dot print with a min. dot size of 7pl / NRS(Nozzle Recovery System)

## 3. Enhanced operability and functions //

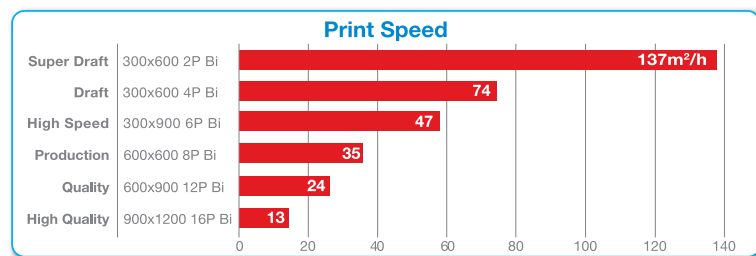
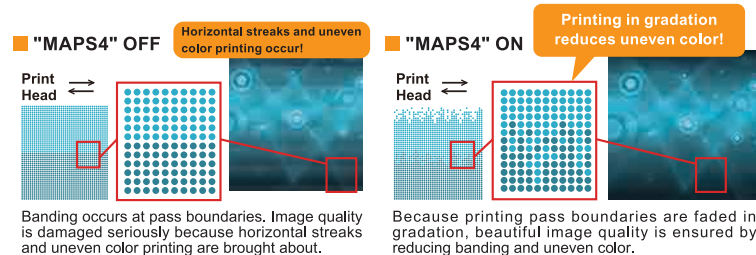
Feeding and take -up system for media up to 100kg  
3 Liter ink supply system  
Twin-Roll printing

# SWJ-320EA

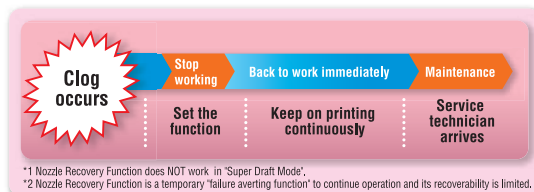


**Mimaki's Core Technologies****Mimaki Advanced Pass System (MAPS4)**

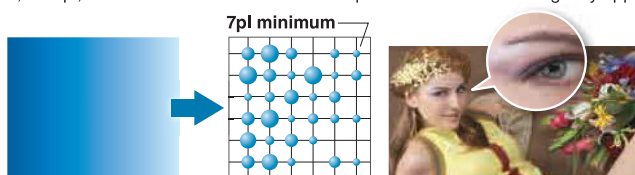
In ordinary printers, the straight pass boundaries often results in bandings and discoloration due to slight misalignment. The "MAPS4 (Mimaki Advanced Pass System 4)" functionality provides gradation to printed pass boundaries and reduces banding and uneven color, achieving a beautiful printing result.

**Nozzle Recovery System (NRS)**

In the unlikely event of a nozzle dropping out during a long print run, the Nozzle Recovery System (NRS) enables the printer to keep on printing in excellent quality until maintenance is performed.

**Proven High Resolution and Print Quality****Variable dot print with a minimum dot size of 7pl**

Mimaki's world proven technology produces unbeatable high definition and resolution prints. With three different dot sizes (7pl minimum) and a maximum resolution of 900 x 1,200dpi, the SWJ-320EA ensures fantastic print results without that grainy appearance.

**Twin-roll printing doubles productivity, shortens delivery times**

Taking full advantage of the 3200-mm printing width, two media rolls can be mounted for simultaneous printing.\*

Different (or same) print jobs can be printed on the two separate rolls.

Users can select a preferred width separately for each roll.

SWJ-320EA helps to shorten delivery time and reduce workload.

\* The option "Small Take-up unit (OPT-J0394)" is required.

**Specifications**

Item		SWJ-320EA
Head		4 heads: 2-layered staggered arrangement in 2-line
Print resolution		300 / 600 / 900 / 1,200 dpi
Maximum Printing width		3,200 mm (126.0 in)
Ink	Type	CS100 solvent ink (C,M,Y,K)
	Ink supply system	3 L per color pouring system with 2 L bottle
Media	Max. width	3,250 mm (128.0 in) Twin rolls setting: 1,524 mm (60.0 in) of each Roll holder setting: 1,620 mm (63.7 in)
	Min. width	210 mm (8.2 in)
	Weight	Feeding: up to 100 kg (220 lbs) Take-up: up to 100 kg (220 lbs) When using the roll holders: 25 kg (55.1 lb) or less
Drying unit		3-way intelligent heater (Pre/Print/After)
Certifications		VCCI Class A / FCC Class A / ETL UL 60950-1 / CE Marking (EMC, Low voltage, Machinery directive) / RoHS / CB Report / REACH / EAC
Interface		Ethernet 1000BASE-T / USB2.0
Power		AC200 - 240 V, 50/60 Hz, 29 A or less
Power consumption		6.9 kW or less
Operation environment		Temperature: 20-30 degC 64-86 degF Humidity: 35 to 65% Rh (No condensation)
Deimension		5,410 x 995 x 1,440 mm (213 x 39.2 x 56.7 in)
Weight		Less than 850 kg (1,873.9 lb)
Incl.		RIP(RasterLink6Plus), Media feeding /Take-up device

• 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 another due to slight individual differences. • Please note that descriptions and data in this catalog are as of November 2019.

**Economical Solvent Ink "CS100"****Affordable yet reliable solvent ink "CS100"**

Not only is the CS100 ink (available in 2L bottles) more affordable than conventional ink cartridges, it also has exceptional stability and low propensity to clog nozzles.

The CS100 ink also brings the same high Mimaki standards for color accuracy, image durability and weatherability found in other conventional Mimaki solvent inks.

**Supplies & Options**

Supply			
Item	Color	Item no.	Remarks
Solvent ink CS100	Cyan	I-CS100-C-BB-1-SW	2L bottle
	Magenta	I-CS100-M-BB-1-SW	
	Yellow	I-CS100-Y-BB-1-SW	
	Black	I-CS100-K-BB-1-SW	
Cleaning solution		SPC-0369	For daily maintenance Maintenance liquid 200ml bottle, cotton swabs, gloves
Option			
Item		Item no.	Remarks
Small Take-up unit		OPT-J0394	For printing two media simultaneously
Take-up Roll Holder Unit		OPT-J0409	For taking-up printed media to paper core instead printer's roll shaft

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

**RasterLink6 PLUS**

Simple icon display - Intuitive and easy-to-understand operability  
Save operation time by registering settings as favorites

PDF including transparent effect is applicable.

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

**Mimaki Global Network**

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