

# Sophisticated RIP software maximizes the performance of SWJ-320 series

## RasterLink6

### Additional useful functions

#### User friendly RIP key features

- Easy to follow icons enable intuitive and user-friendly operation
- Related settings feature in one window to simplify RIP operations, with 'Register as Favourite' option available for regularly used layouts
- Printing progress can be monitored on the main screen

#### 1. Three ink layers in one pass print function

A three-layer print of colour, white and colour can be performed at one time. Printing a base layer 'underlay' of white ink allows perfect reproduction of beautiful natural colours when printing on transparent media. Window graphics can be printed with high precision and no multi-pass colour registration shift.

#### 2. Layout function

Three ink layers or copied images are freely laid out if print conditions remain the same. This function reduces the media waste by efficient layout.

#### 3. Multi-profile, simultaneous printing function

Several profiles that match conditions can be simultaneously printed. This is particularly useful for test output when the profile for a target image quality or colour requires multiple 'profile' test prints.

*\*To be supported by RasterLink6 program update.*

# SWJ-320 S2 / S4

### Specifications

Item	SWJ-320S2	SWJ-320S4
Head	On-demand Piezo head (2 print heads with in-line configuration)	On-demand Piezo head (4 print heads with 2 staggered configuration)
Maximum width	Up to 3,200 mm (126")	
Print resolution	600 / 900 / 1,200 × 360 / 540 / 720 / 1,080 dpi	
Ink	Type	CS100 solvent ink (C, M, Y, K)
	Ink supply system	2L bottle / each colour
Media	Width	Up to 3,250 mm (128")
	Weight	Feeding : up to 100 kg (220lbs) / Take-up : up to 40 kg(88.2lbs)
Drying device	3 Way intelligent heater (Pre/Print/After), Drying fan unit	
Media Feeding / Take-up device	Equipped	
Interface	USB2.0	
Power specification *	Main unit	Less than AC 200-240 V.5 A
	Main heater	Less than AC 200-240 V.10 A
	Drying fan unit	Less than AC 200-240 V.14 A
Operational environment	Temperature: 20°C-35°C (64-95 °F); Humidity: 35-65 % RH (non condensing)	
Dimensions (W×D×H)	4,560×1,200×1,405 mm (179.5"×47.2"×55.3")	
Weight	Less than 600 kg (1,323lbs)	

### Supplies

Item	Item No.	Remarks
Solvent ink CS100	Cyan	CS100-C-BB
	Magenta	CS100-M-BB
	Yellow	CS100-Y-BB
	Black	CS100-K-BB
		2L ink bottle



## Affordable grand format inkjet printer...

\* Some of the samples in this folder are artificial renderings • Specifications, design and dimensions stated in this folder may be subject to change without notice (for technical improvements, etc.)  
 • The corporate and merchandise names written on this folder are the trademark of the respective corporations • Inkjet printers print using extreme fine dots, so colours may vary after replacement of the printing heads, also note that if using multiple printer units, colours could vary slightly from one unit to other unit due to slight individual differences • Composer's errors reserved

# Mimaki

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SIGN & GRAPHICS

# Mimaki

The world imagines... Mimaki delivers





the power to

create...



## Competitively priced grand format signage printer

Responding to the needs of our customers in an ever-changing market place, Mimaki have developed the new SWJ-320 S2 and SWJ-320 S4 machines specifically for the signage industry in emerging and more cost-conscious markets. These exciting new machines offer established world-class Mimaki speed, quality and reliability in a grand format at a more affordable price.

### SWJ-320 delivers ...

- Two models: SWJ-320S2 (standard) and SWJ-320S4 (high speed)
- Super wide format printing (up to 3.2 m) at a more competitive price
- High speed printing up to 83.0 m<sup>2</sup>/h (S4 model) and 51.9 m<sup>2</sup>/h (S2 model)
- High quality printing with a max. resolution of 1080 x 1200 dpi
- Reliable nozzle maintenance functions
- Affordable CS100 solvent ink

SWJ-320 S2/S4

- NEW AFFORDABLE SOLVENT INKS**
- 83.0 m<sup>2</sup>/h MAX. PRINT SPEED (S4 MODEL)**
- 1200 dpi MAX. RESOLUTION**
- 3,200 mm MAX. PRINT WIDTH**
- 4 COLOUR PRINT**
- RELIABLE LOW MAINTENANCE CAPABILITY**
- NOZZLE RECOVERY FUNCTION**



**Create ...** Indoor and Outdoor Signage, Exhibition and Display Graphics, Retail PoS and much more...

#### ENGINEERING EXCELLENCE AND CREATIVE INNOVATION

Founded in Japan in 1975, Mimaki Engineering has steadily grown by reputation and influence into a global company with large operational bases in Asia and the Pacific, United States and Europe.

Renowned for award-winning performance, peerless build quality and innovative technology, Mimaki has established itself as a leading manufacturer of wide-format inkjet printers and cutting machines for the sign and graphics, textile and apparel and industrial markets. In addition, Mimaki also provides a comprehensive range of supporting products; hardware, software and associated consumable items, such as inks and cutting blades.

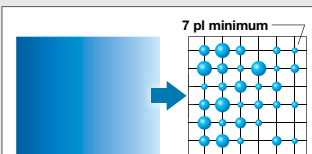
From outdoor signage and billboards to interior decoration and furnishing, from packaging and labels to promotional gifts and apparel, Mimaki is committed to developing technology that sets new industry standards, producing machines and products that turn the imagination of our customers into breath-taking reality.

... Mimaki delivers

#### KEY TECHNICAL FEATURES ...

##### Proven high resolution and quality print

Three different dot sizes (7 pl minimum) and the maximum resolution (1,080x1,200 dpi) ensures beautiful print results without a grainy appearance. World proven Mimaki technology creates unbeatable high definition and resolution print.



##### Maintenance capability

The print head is maintained in good condition by proven nozzle maintenance capabilities.

- **Pressure purging.** Pressure is applied to the ink when jetted from the print head.
- **Automatic suction.** When the print head is on a cap, the remaining ink on the head nozzle surface is suctioned.
- **Automatic wiping.** Nozzle surface is automatically wiped.

##### Nozzle recovery function

The nozzle recovery function temporarily recovers the print operation without long pause, even if the nozzles are clogged. It enables the printer to keep on printing with excellent quality until the service personnel arrives.

\* Nozzle Recovery Function is a temporary failure averting function and its recoverability is limited.

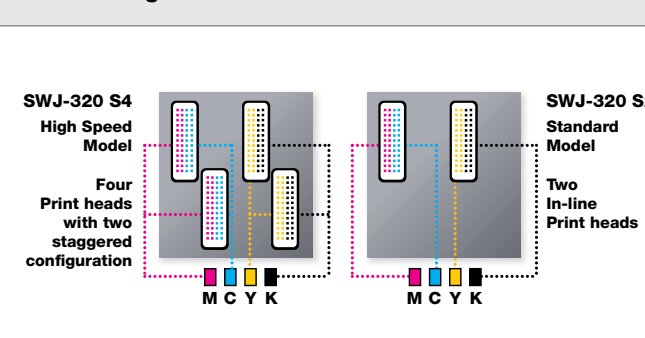
\* The function does not apply on Super Draft mode

##### Affordable CS100 ink

The CS100 ink is not only more affordable than conventional ink cartridges, but it also has exceptional stability and low propensity to clog nozzles. The CS100 inks bring the same high Mimaki standards of colour accuracy, image durability, and weatherability found in conventional Mimaki solvent inks.



##### Head configuration



##### Print speed

