| Specifications | | Specifications |
|---------------|---------------|
| **Ink** | **Ink** |
| SS21 is GREENGUARD Gold certification ink. | DB10325-11
| "ECO PASSPORT" Certification Ink | "ECO PASSPORT" Certification Ink |

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 very slightly vary 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 August 2019.

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**New Global Standard**

**Outstanding Speed**

**Stunning Beauty**
New Global Standard
The new standard for highest quality

Outstanding Speed
Maximum printing speed: 105.3m/h

Superior inkjet technology provides consistently high quality imaging
Using 544ML ink cartridges, ink is shot in super-fine droplets of 120bp that provide a stable, uniform print. With this improvement in writing ability, printing speed is greatly increased, and the ink adheres or is printed clearly.

3-Way intelligent heater
A new heater that automatically adjusts based on media. Using Mimaki’s original technology, it heats the medium at a controllable temperature and reads the optimal temperature for heat-setting. When the electronic control system detects a lower temperature, the heater turns on automatically; when the temperature is already optimal, the heater is automatically turned off. This provides an optimal temperature for each media type, enabling efficient and high-quality printing.

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Smooth color gradation printing
The printing device is equipped with Mimaki’s original PGMA (Polymer Gradient) technology, which is used to print colorful, eye-catching graphics. This technology can create a wide range of color tones, from soft pastels to vivid colors, and is perfect for printing images with high color saturation.

A Variety of Expressiveness to Inspire Sensibility
Achieves a higher level of expression by using orange ink
Orange, the color of the sunset and new beginnings, can express a wide range of emotions and senses. Using orange ink in high-quality prints, it can express expressions of elegance and sophistication. This technology can create a wide range of color tones, from soft pastels to vivid colors, and is perfect for printing images with high color saturation.

Accurate expression with light black ink
Core properties of graphics are enhanced by the adjustment of color balance and color gamut. This technology can create a wide range of color tones, from soft pastels to vivid colors, and is perfect for printing images with high color saturation.

Can be used with SW54 sublimation transfer ink
Using SW54 sublimation transfer ink, which adheres well and is used for printing with high density, the SW54 can be used to enhance the inkjet transfer printing’s expressive features. Improving productivity through lower ink costs and stable printing.

Reliable, User-Friendly Usability
Continuous operation support pack to minimize downtime
The SW54 ST2019 is equipped with the Mimaki continuous operation support pack, which allows operation without the risk of emergency halts. This pack allows continuous operation of the printer without any risk of emergency stops.

Continuous operation support pack solutions
The SW54 ST2019 is equipped with Mimaki’s original automatic NIP ATC (still running), which helps to maintain the printer’s printing performance and reduces ink usage. It can print while simultaneously curing, and actively makes use of the printer’s “NIP ATC” feature.

Clear nozzle drop out while maintaining print speed
Because the printer equips the Mimaki original ATC, continuous operation can be maintained even after the nozzle drops, ensuring efficient printing. With this feature, it can maintain high printing speeds without the drop in performance, and is suitable for use in high-speed printing environments.

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E-mail notification to know about print status anywhere, anytime
Using an email notification system, the SW54 sends a print status email to the user for easy management. This feature is useful for ensuring that print jobs are completed on time.

MCT™ ink circulation system provides stable printing
MCT™ effectively uses the setting of oxide particles in the ink by regularly circulating them. This means that the ink system can be maintained without introducing any particles, enabling high-quality printing over a long period of time.

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MCT™ effectively uses the setting of oxide particles in the ink by regularly circulating them. This means that the ink system can be maintained without introducing any particles, enabling high-quality printing over a long period of time.

Reliable ink supply system
USIS
The SW54 ST2019 is equipped with a USIS ink cartridge system. This ink cartridge system is easy to use and reduces ink waste, providing a stable ink supply to the printer.

Non-drop ink replacement
Cartridges that are not used can be replaced with fresh ones. This prevents ink waste, reducing the amount of waste ink produced and improving overall efficiency.

Equipped with MHS II (Option)
Operating costs can be lowered by continuous printing with a high-capacity ink tank.