

Interior fabrics

Sports Apparel

Fashion Apparel

Soft Signage

For
TEXTILES &
APPAREL

Sublimation Transfer Inkjet Printer

TS330-1800
TS330-1600

Mimaki

Selectable from two RIP software options

You can choose either RasterLink7 or TxLink5 Lite to best suit your needs.

Beginner-friendly RIP software
designed for ease of use and simplicity.

Raster Link 7
xxxxxxxxxxxx

Textile RIP Software for Apparel
and Interior Applications

TxLink5™

Equipped with user-friendly features for textile production.

■ Product specifications

Item	TS330-1600	TS330-1800
Print head	On-demand piezo head (2 staggered layout)	
Print resolution	300, 600, 900, 1200 dpi	
Maximum printable width	1,610 mm (63.4 in)	1,940 mm (76.4 in)
Media	Max. width 1,620 mm (63.8 in)	1,950 mm (76.8 in)
Roll diameter	φ250 mm (9.8 in) or less	
Roll weight	45 kg (99.2 lb) or less	
Coer dia.	2/3 in	
Ink set	4/6/7/8 C	
Ink (Type/Color)	SB411 (Bl, M, Y, K, Lbl, Lm, Lk, Vi, Or, Fp, Fy)	
Ink capacity	2 L ink pack / 10 kg ink tank	
Print gap	Manual adjustment by 3 levels (3.0/3.5/4.0 mm)	
Interface	Ethernet 1000 BASE-T / (USB2.0 High-speed)	
Power	Single phase AC100-120/200-240V±10% 50/60Hz±1Hz	
Power consumption	Main unit: Max. 1,440 W or less Standard: 800 W	
Dimensions (WxDxH)	3,170 × 820 × 1,305 mm (124.8 × 32.3 × 51.4 in)	3,500 × 820 × 1,305 mm (137.8 × 32.3 × 51.4 in)
Weight	241 kg (531.3 lb)	250 kg (551.2 lb)

■ Supplies

Item	Code	Remark
Dye sublimation (transfer) ink* SB411	Blue	SB411-BLT-2L 2L ink pack ECO PASSPORT certified ink
	Magenta	SB411-MT-2L
	Yellow	SB411-YT-2L
	Black	SB411-KT-2L
	Light Blue	SB411-LBT-2L
	Light Magenta	SB411-LMT-2L
	Light Black	SB411-LKT-2L
	Violet	SB411-VT-2L
	Orange	SB411-ORT-2L
	Fluorescent Pink	SB411-FPT-2L
Dye sublimation (transfer) ink* SB411	Fluorescent Yellow	SB411-FYT-2L
	Blue	SB411-BLT-BJ 10 kg ink tank ECO PASSPORT certified ink
	Magenta	SB411-MT-BJ
	Yellow	SB411-YT-BJ
Flushing liquid 0.3 220 ml	FL003-Z-22	Flushing liquid for head cleaning
Flushing liquid 0.3 2 L	FL003-Z-2L	Flushing liquid for ink replacement

*Lb/Lm/Lk/Vi/Or/Fp/Fy inks are available only in 2L ink-packs and can be used in parallel with the 10kg ink-tanks. Fp/Fy can also be selected as SB410 Fp/Fy.

■ Options

Item	Code
10 kg ink tank supply unit 2	OPT-J0575
Mini Jumbo roll unit for TS330	TS330 Mini Jumbo roll unit
Small relay box	OPT-J0370
Relay box2	OPT-J0407

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DB30341-04



Give Your Creativity A Glow Up

TS330-1800 TS330-1600

Give Your Creativity A Glow Up

Designed for textiles and apparel printing, TS330 is a water-based dye sublimation inkjet printer achieving superb productivity of 73m²/h in Draft mode and high image quality through Mimaki printing technology. Additionally, the printer incorporates improved conveyance mechanism and renewed usability, enabling stable and constant high quality printing.

01 Achieving high productivity / high image quality

46% faster printing speed than a conventional model in Draft mode! ¹

"Maximum speed mode: 143m²/h; Draft mode: 73m²/h"

Even in Draft mode, the output speed is approximately 1.4 times faster than conventional Mimaki printers, and the excellent printing technology enables even and uniform output of dark color prints during low passes. TS330-1800 combines high production and high quality to provide the printing quality meeting the requirements of the textile market.

¹: Comparison TS330-1800 (print speed 73m²/h; 600×600 dpi 2P Bi) and TS55-1800 (print speed 50m²/h; 600×600 dpi 2P) at equivalent image quality

Introduction of new ink dispensing technology for high image quality

New Drop Technology, the "Mimaki Weaving Dot Technology"

A new ejection control technology reducing the unevenness and smearing of the ink, achieving higher image quality, with better solid coloring and smoother images than ever before.



Even and uniform solid coloring density at low pass!
Reduced banding with better solid quality.



Two options for low running costs in production

1 10 kg ink tank supply unit

10kg Sb411 ink (B/M/Y/K) ink-tanks newly available². Enables long period continuous output, such as in all night operations by mounting replacement ink-tanks on the optional 10kg ink-tank supply unit (sold separately). The tank achieves significant reductions in running cost and operation time over the standard 2 liter packs.

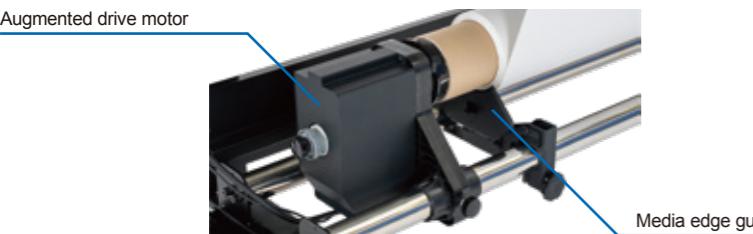
²: LbL/Lm/Lk/Vi/Or/Fp/Fy inks are available only in 2L ink-packs and can be used in parallel with the 10kg tanks

02 Mimaki print core technology for stable operation and stable image quality

Stable operation by new conveyance mechanism with renewed conveyance control

1 Take-up device

Drive motors for the take-up device are mounted on both left and right sides. This arrangement distributes the load of wind-up, improving the winding stability, along with a renewed mechanism to reduce media meandering.



2 Media edge guide

By aligning the edge of the media to the guide, it prevents the media from meandering during winding and ensures stable feeding. The small size improved to an easy attachment/remove to/from paper core.

3 Post-heater

High durability materials are used for the post heater to reduce abrasion caused by the transfer paper feeding, preventing transfer paper feeding failures to ensure stable printing.



Inheritance of Mimaki print core technology supporting stable operation and pursuing beauty in print

1 DAS (Dot Adjustment System)

The printer automatically adjusts and optimizes the dot positioning and feed volume affecting print quality, corresponding to changes in the target media and printing conditions.

2 Waveform Control

Sophisticated ink ejection control unique to Mimaki printers ejects near-spherical droplets of ink for sharp expression of text, ruled lines and edges.

3 MAPS4 (Mimaki Advanced Pass System)

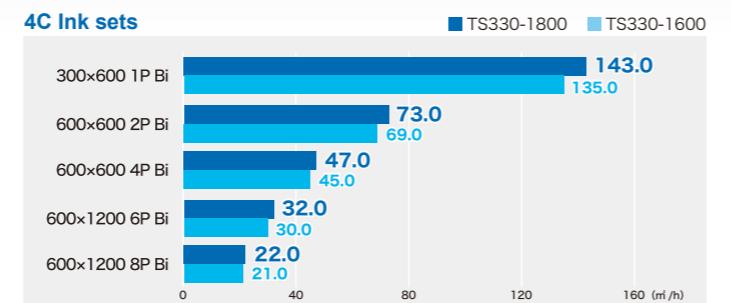
Automatic optimal pattern selection according to printing conditions reduces banding and unevenness of color by introducing gradations to borders of passes while printing.

4 Variable Dot Control

Three different ink drop sizes, including a minimum drop quantity of 4pl, are intermingled to achieve smooth, high-quality prints with minimal graininess.

5 NCU/NRS

A sensor detects nozzle conditions and cleans them automatically. When nozzle clogging cannot be resolved, alternate nozzles are used to continue printing without slowing down.



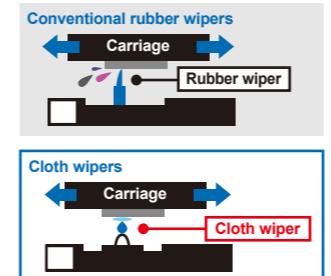
03 Enhanced user friendliness

New functions for daily maintenance and remote operation have been added to enhance the convenience of operation.

Featuring a new cleaning mechanism improving maintainability while reducing downtime, and a V-shaped cutting function improving media transportability.

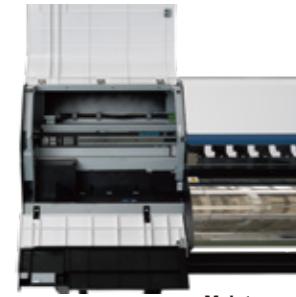
1 Introduction of cloth wiper - Improved removal performance for thick adhesive clots on the nozzle surface

Designed to soak up ink from the nozzle surface, cloth wipers reduce the amount of ink splattered on the head station when compared to conventional rubber wipers. This reduces the frequency of maintenance around the head and cap and makes work easier.



2 Easy-to-use maintenance space

A larger space for head maintenance making daily care easier, helps keeping the machine in optimum condition.



Maintenance space

3 Automatic media cutting "V-shape cutting function"

The V-shape cutting function tapers the media into a V-shape before wrapping it around the paper core. You can choose between the conventional cutting method and the V-shape cutting method on the selection screen. The V-shape allows the center of the media to be precisely attached to the paper core, reducing the potential for human error. Applying V-shaped cuts to unused odd ends of the media for single point of attachment also helps to conserve the media.



V-shaped cut

Mimaki Cloud Technology PICT



The printer's operating status and ink usage can be monitored even when the user is away from the printer. It supports planned operations, such as performing other tasks while printing is in progress. It also enables advanced planning of maintenance schedules and preparation for ink refills.

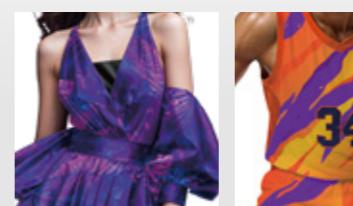
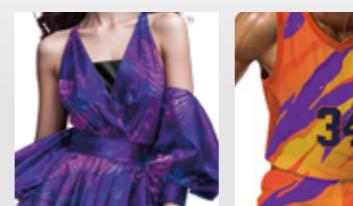


04 Mimaki "Sb411", high quality sublimation transfer ink with a proven track record

1 Wide variety of ink colors, including fluorescent colors

Mimaki offers a wide range of ink colors and ink sets including fluorescent colors. Our ink lineup is suitable for vivid and eye-catching soft signs and fashion apparel with high design quality.

Ink sets	
4C	● ● ● ●
BIMYK	● ● ● ●
6C	● ● ● ● ● ●
BIMYK+FpFy	● ● ● ● ● ●
BIMYK+LbLm	● ● ● ● ● ●
7C	● ● ● ● ● ● ●
BIMYKLBILmLk	● ● ● ● ● ● ●
8C	● ● ● ● ● ● ● ●
BIMYK+LbLmViOr	● ● ● ● ● ● ● ●
BIMYK+LbLmFpFy	● ● ● ● ● ● ● ●
BIMYK+ViOrFpFy	● ● ● ● ● ● ● ●



2 Violet and Orange Inks Added to its lineup

Reproduces rich blue-purple and vivid, well-defined orange tones. Enhances apparel and uniform designs for greater clarity.



3 Enhanced concentration - Fluorescent pink and yellow

Compared to conventional fluorescent inks, the reflectance has been enhanced, enabling more vivid expression than ever before. Ideal for creating eye-catching branding apparel and flags.