

For
TEXTILES &
APPAREL

Entry Model Sublimation Transfer Inkjet Printer

Mimaki™

TS30-1300



Debut!

Fluorescent color ink!

Accentuated designs.

A broader choice of designs with fluorescent colors.

High value print and rich expression

Your graphic designs and photo images will stand out with neon color print.



An easy-to-operate, worry-free entry model

This entry model sublimation transfer printer is equipped with only a carefully selected set of features, making it simple to use without any hassle. The printer is bundled with Mimaki's official RasterLink6 RIP software, enabling you to start printing immediately after installation. It uses Mimaki's Sb54 ink, which offers stable ink ejection thanks to its resistance to settling. Even users who are operating a sublimation transfer printer for the first time can handle the TS30-1300 with ease.

Print as much as you need of whatever you need, whenever you need it

The TS30-1300 allows you bring production of high-mix, low-volume print projects in-house, such as textiles or sports apparel prototyping, or the creation of customized goods. Performing printing jobs such as these in-house rather than outsourcing reduces the lead time of sample delivery to the client. Additionally, when the client requests a change in the design, the new design can be printed and delivered immediately, without waiting up to several days for a subcontractor to handle it. The TS30-1300 can add impact to your proposals and bring new business opportunities.

Give power to your proposals with a sublimation transfer printer

We developed the TS30-1300 to be ideal for high-mix, low-volume production such as apparel sample making or producing customized goods. This model doesn't have heaters and media take-up devices, but is focused on offering easy operation for streamlined and efficient sublimation transfer printing. With the TS30-1300 as your "business partner," you'll have the flexibility to simply print whatever content you need, whenever you need it, in exactly the quantities that you need, in order to boost the power of your proposals and gain a competitive edge.



Fashion apparel

Print and try out a new idea the moment the inspiration hits. The TS30-1300 drastically reduces lead time for sample-making and color matching, meaning you'll never have to leave any ideas behind.



Custom goods

Produce one-of-a-kind customized items by printing on polyester-coated objects like mugs, coasters, mousepads, photo frames, PC cases and more. Make speedy proposals by taking advantage of the ability to make samples in-house.



Sports apparel

Plate-less digital printing enables creation of sports uniforms each with individual names, numbers, and other custom text or images. Add something extra to your proposals, like customized towels to match the uniforms.



Shop decoration

Create indoor and outdoor polyester soft signage for decorating retail spaces, including flags, banners and tapestries. Make fabric POP displays that match your delivered products or hanging banners that complement the design of your apparel.

Performance

Results of color fastness tests on Mimaki sublimation ink Sb54

Item	Test method	Sb54						
		Black	Blue	Magenta	Yellow	FluorescentPink	FluorescentYellow	
Lightfastness	ISO-105B02	6	3-4	3-4	6 or higher	6	6	
Laundry	ISO-105 C06(B1S)	Color change or fading	4-5	4	4-5	4-5	4-5	4-5
Dry Cleaning	ISO-105D01	Color change or fading	5	5	5	5	5	
Perspiration	ISO-105E04	Acidic perspiration	5	4-5	5	5	5	5
		Alkaline perspiration	5	4-5	5	5	5	5
Water	ISO-105E01	Color change or fading	5	4-5	5	5	5	
Rubbing	ISO-105X12	Dry rubbing	4-5	4-5	3-4	4	4-5	4-5
		Wet rubbing	4-5	4-5	4-5	4-5	4-5	4-5

[Test conditions] Printer: TS30-1300 / Print mode: 540 x 720 ND 8p / Transfer paper: Jetcol 2000
Fabric: 100% Polyester / Transfer temperature and time: 60 seconds at 200°C

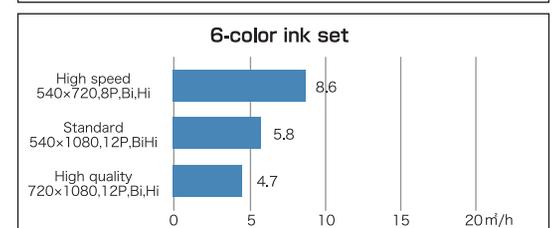
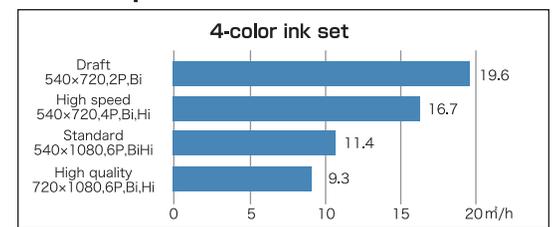
Tested at NISSENKEN

Note: The fastness may vary depending on printing conditions including the fabric used and the ink volume. Please test on actual materials before starting production.

Specifications

TS30-1300	
Printhead	On-demand piezo head x 1 " Nozzles are arranged in 8 lines on the printhead and each line contains 180 nozzles.
Print resolution	540 , 720 , 1080 dpi
Ink droplet size	Minimum: 4 pl / Maximum: 14 pl
Head gap	2 mm / 3 mm / 4 mm / 5 mm * Head gap should be adjusted by Mimaki certified technician.
Ink type	Sublimation ink: Sb54 "ECO PASSPORT" Certification Ink (Certificate No NEP1605)
Ink set and color	Bl, M, Y, K, Lbl, Lm, Fp, Fy
Package size	440ml ink cartridge (Bl, M, Y, K, Lbl, Lm, Fp, Fy) 2L ink pack (Bl, M, Y, K, Lbl, Lm) * *Optional MBIS unit is required for installing 2L ink packs.
Roll outer diameter	Φ 180mm (7 in.) or less
Paper core inner diameter	Φ 50.8 mm (2 in.) / 76.2 mm (3 in.)
Maximum media width	1,371mm (54 in.) (Maximum printable width: 1,361mm (53.6 in.))
Media thickness	1 mm or less
Media weight	25 kg (55.1 lb.) or less
Media cutter	Installed
Dimensions (W x D x H)	2,289 mm (90.1 in.) x 739 mm (29.1 in.) x 1,424 mm (56.1 in.)
Weight	145 kg (319.7 lb.)
Power supply	Single phase AC100—120V ±10%, AC220 — 240V ±10%, 50/60Hz±1Hz 15A or less
Power consumption	300 W or less
Interface	USB 2.0, Hi-Speed
Certifications	VCCI class A / UL60950-1 / FCC class A / CE Marking (EMC and Low voltage directive) / CB

Print speed



Print modes listed on this brochure are included in the printer's specifications. Profiles are created by selecting print modes according to the characteristics of each type of media. However, profiles are not prepared for all media types and print modes. If an appropriate profile is not provided, the profile can be created by using Mimaki Profile Master II.

- Some of the samples in this catalogue are artificial renderings. ●Specifications, design and dimensions stated in this catalogue may be subject to change without notice (for technical improvements, etc.). ●The corporate names and merchandise names written on this catalogue 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 other unit due to slight individual differences. ●The specifications described in this catalogue are as of April 2019.

Mimaki MIMAKI ENGINEERING CO., LTD.
mimaki.com 2182-3 Shigeno-otsu, Tomi-city, Nagano 389-0512, Japan
Tel: +81-268-64-2281

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