

TS30-1300



Entry level sublimation inkjet printer ...



TEXTILE &
APPAREL



eco

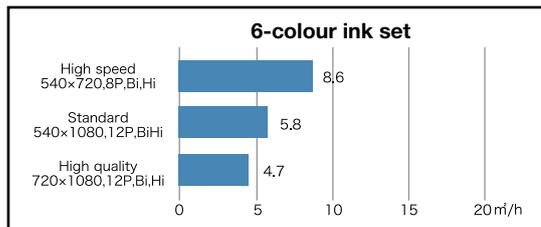
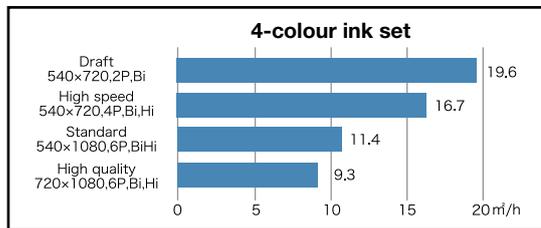
Mimaki

The world imagines... Mimaki delivers

The sublimation transfer printer to start your business with...

Designed specifically with ease of use and versatility in mind, the Mimaki TS30-1300 is a simple, entry-level sublimation transfer printer equipped with a carefully selected set of features that allows you to bring high-mix, low-volume print productions in-house. Sublimation transfer printing is widely utilised for textile and sportswear applications due to the elasticity and quick-drying capability of polyester material and in the growing market for soft signage applications, such as flags, retail in-store banners, and tapestries.

Print Speeds



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

Specifications

TS30-1300	
Printhead	On-demand piezo head x 1 (8 lines of 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 ⁽¹⁾
Ink type	Sb54 sublimation Ink
Ink set and colour	4-colour (Bl, M, Y, K) / 6-colour (Bl, M, Y, K, Lbl, Lm)
Package size	Ink cartridge (440 cc) / Ink pack (2L) ⁽²⁾
Roll outer diameter	Φ180 mm (7 in.) or less
Paper core inner diameter	Φ50.8 mm (2 in.) / 76.2 mm (3 in.)
Maximum media width	1371 mm (54 in.)
Maximum print width	1361 mm (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)	2289 x 739 x 1424 mm (90.1 x 29.1 x 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	300W 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

⁽¹⁾ Head gap should be adjusted by a Mimaki certified technician.

⁽²⁾ Optional MBIS (Mimaki Bulk Ink System) is required to use ink packs.

• 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 extremely 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 another due to slight individual differences • Composer's errors reserved

Colour Fastness Test Results on Mimaki Sb54 Sublimation Ink

Item	Test Method	Sb54				
		Black	Blue	Magenta	Yellow	
Light fastness	ISO-105B02	6	3 - 4	3 - 4	6 or higher	
Laundry	ISO-105 C06(B1S)	Colour change or fading	4 - 5	4	4 - 5	4 - 5
Dry cleaning	ISO-105D01	Colour change or fading	5	5	5	5
		Acidic perspiration	5	4 - 5	5	5
Perspiration	ISO-105E04	Alkaline perspiration	5	4 - 5	5	5
		Colour change or fading	5	4 - 5	5	5
Water	ISO-105E01	Colour change or fading	5	4 - 5	5	5
Rubbing	ISO-105X12	Dry rubbing	4 - 5	4 - 5	3 - 4	4
		Wet rubbing	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.

Create...



Fashion apparel

Print and try out new idea as soon as inspiration hits! TS30-1300 drastically reduces lead time for sample-making and colour matching, meaning you'll never have to leave any ideas behind.



Sportswear

Digital printing enables creation of sports uniforms each with its own individual name, number and other custom texts or images. Add something extra to your offer, like customised towels or caps to match the uniforms.



Personalised items

Produce personalised items by printing on polyester-coated objects, such as mugs, coasters, mousepads, phone covers, photo frames and more! Create your samples and send them to your customers in no time.



Store decoration

Create indoor and outdoor soft signage to decorate retail spaces, including flags, banners and tapestries. Or create amazing retail point-of-sale items to make your product and business stand out from the crowd.

Mimaki

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