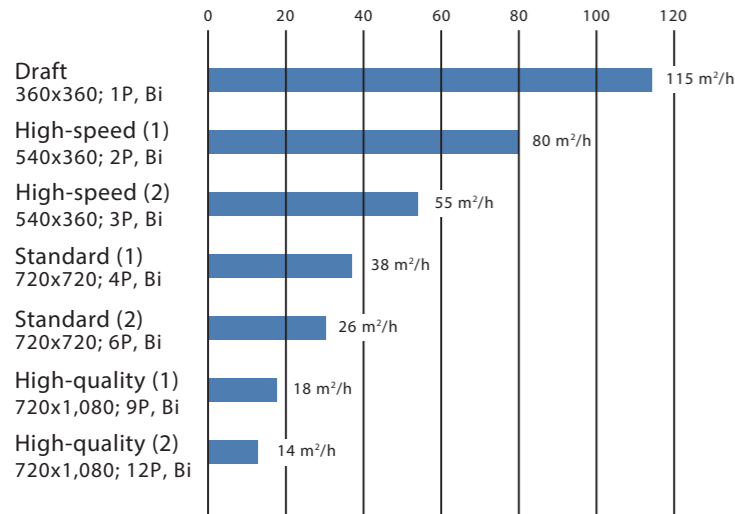


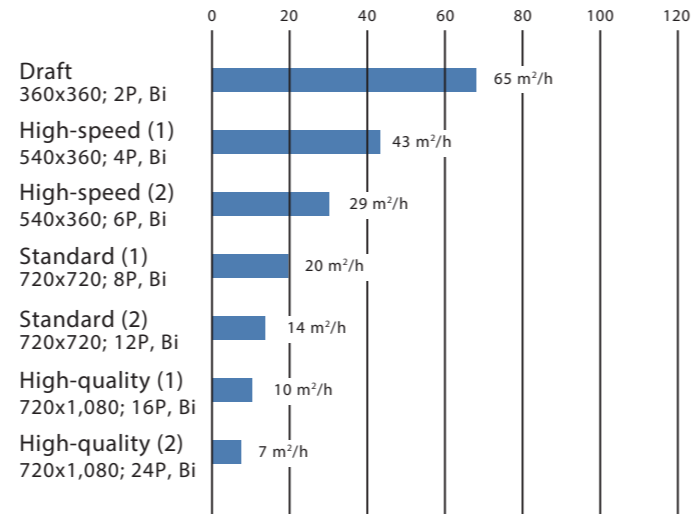
Maximum print speed (115 m²/h) achieves high productivity

The TS300P-1800 optimizes the printing speed and quality to produce the desired print results. For this purpose, it provides a wide range of printing modes, from the draft printing mode (which operates at the maximum speed of 115 m²/h) to high-quality printing mode.

4 color ink set (BI, M, Y, K)



6 color ink set (BI, M, Y, K, LBI, Lm)



Software

One of RIP software package is bundled according to user's request.

Professional software RIP for multi color separation
Software RIP for Multi Color Separation
TxLink 3 Lite

- Spot color can be assigned to each color on separation plates.
- ICC profile creation from CMYK + spot colors.
- Color replacement on raster data
- A variety of paneling functions, including step-and-repeat layout, which are useful for textile designing.

User friendly RIP "RasterLink 6"

RasterLink 6

- More beautiful and advanced print results are achieved by following a user-friendly interface that is easy to operate.
- Color replacement function enhances the ability to re-create printed images.
- Print color can be simulated on Illustrator / Photoshop without an actual print
- * This function requires MPM2 (Mimaki Profile Master 2).
- <Supports Web update function>
- Program update and profile download can be easily performed via internet.

Specifications

Item	TS300P-1800
Printhead	On-demand piezo head (4 in-line printheads)
Print resolution	360 dpi, 540 dpi, 720 dpi, 1,080 dpi
Maximum print width	1,940 mm (76.4 in)
Maximum media width	1,950 mm (76.8 in)
Ink	Type/Color: Sb410 (BI, M, Y, K, LBI, Lm) Package size: 2L Ink pack
Media thickness	1.0 mm or less
Rolled media weight	40 kg (88 lb) or less
Certifications	VCCI class A, FCC class A, ETL UL 60950-1 CE Marking (EMC, Low voltage, Machinery directive, and RoHS), CB, REACH, Energy Star, RCM
Interface	USB 2.0 Hi-speed / Ethernet 1000BASE-T
Power supply	Single-phase (AC 100 - 120 V / AC 200 - 240 V)
Power consumption	AC 100 V: 1.44 kW / AC 200 V: 1.92 kW
Operational environment	Temperature: 20 - 30 °C (68 - 86 °F) Humidity: 35 - 65% Rh (Non condensing)
Dimensions (WxDxH)	3,200 x 850 x 1,857 mm (126 x 33.5 x 73.1 in)
Weight	213 kg (469.6 lb)

Supplies

Item	Product number	Description
Sublimation transfer ink Sb410	Blue	SB410-BLT-2L
	Magenta	SB410-MT-2L
	Yellow	SB410-YT
	Black	SB410-KT
	Light blue	SB410-LBT
	Light magenta	SB410-LMT
Washing Liquid cartridge	SPC-0259	Washing liquid for head cleaning. 220 ml cartridge
Washing Liquid cartridge	SPC-0188S	Washing liquid for ink replacement. 220 ml cartridge

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.

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 India MIMAKI KANPHOR INDIA PRIVATE LIMITED

Indonesia PT. MIMAKI INDONESIA
 Brasil MIMAKI BRASIL COMERCIO E IMPORTACAO LTDA
 Europe MIMAKI EUROPE B.V.

For
**TEXTILES &
 APPAREL**

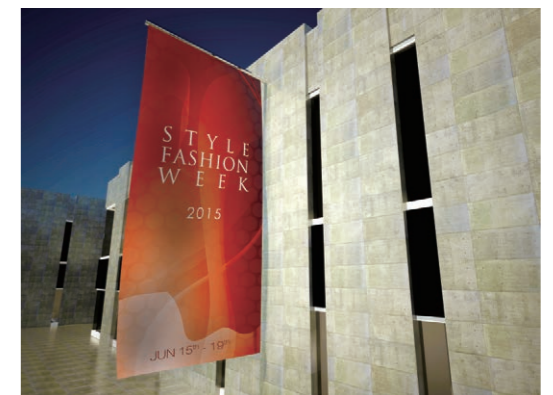
Sublimation transfer printer

TS300P-1800

Mimaki™



NEXT GENERATION



A high-quality, high-production printer is no longer a special product. Mimaki adds a new value to the next-generation printer "TS300P-1800". Developed for the textile print industry, the TS300P-1800 delivers cost-effective printing while maintaining high quality and productivity.

NEXT GENERATION



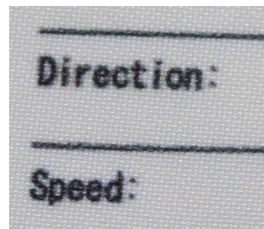
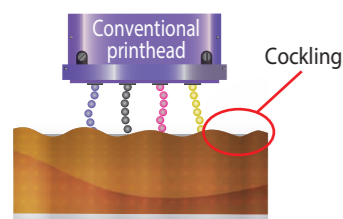
Cost-effective solutions

The new high-gap printhead achieves high-quality printing on cockled transfer papers.

Low-cost thin transfer papers are liable to cockling*, which affects the quality of the printhead. To prevent the contact between the printhead and raised surface, a high head gap setting is required. In conventional models, such gap conditions reduce the accuracy of the ink droplet placement. The new TS300P-1800 employs a new printhead that ejects droplets at high speed to ensure accurate ink droplet placement with a high head gap, thereby enabling high-quality printing on thin papers.

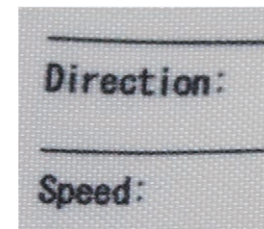
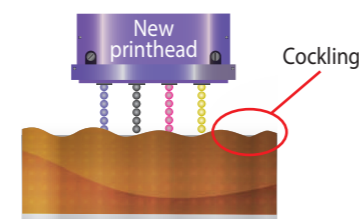
* Cockling: Wrinkling of the media surface because of ink absorption.

■ Conventional printhead



Inaccurate placement of the ink droplets leads to blurring in the printed text.

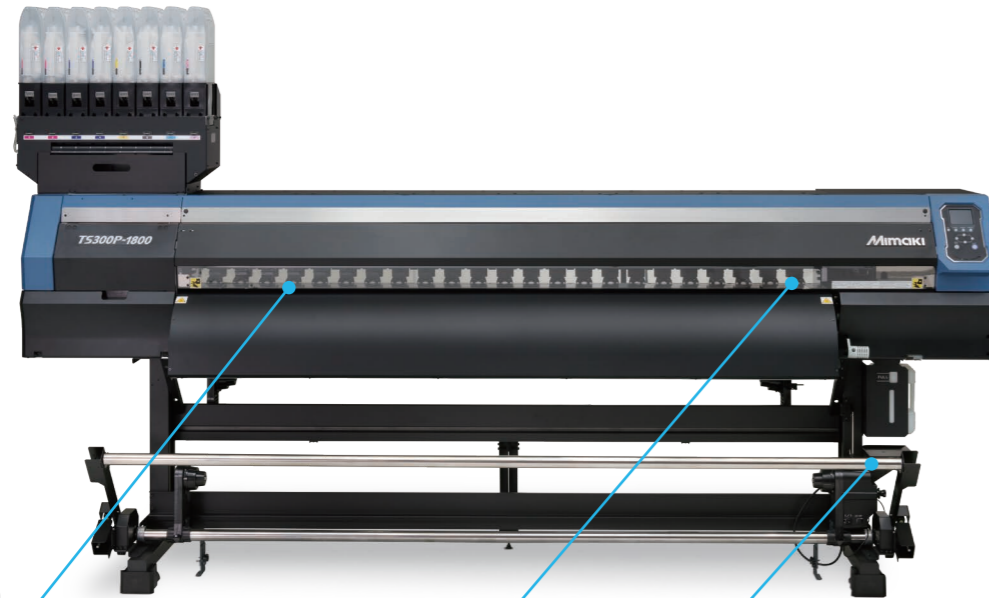
■ New printhead



Accurate placement of the ink droplets produces sharp, clear text.

Cockling-reduction transfer mechanism

The cockling-reduction transfer mechanism enables high-quality printing on a wide range of transfer papers, from the low-cost thin papers to thick papers. This high media compatibility reduces the operating cost of the TS300P-1800 without losing the print quality.



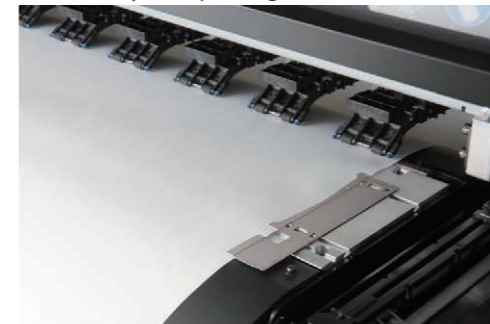
Vacuum media hold-down system beneath the platen

The media attach to the platen by vacuum suction. Under suction, the cockled media surfaces are smoothed out.



Larger media press plates

Enlarged plates moderate cockling by reducing media uplift and hold down the media immediately after printing.



Auto Media Feeder (AMF)

The AMF automatically applies the right tension to the media, thereby maintaining stable media feeding and take-up.



Sb410: High-performance, low-cost sublimation transfer ink

Affordable ink price reduces production cost

The Sb410 costs 20% less than the conventional ink "Sb53". This competitive price improves the performance of businesses.

Beautiful and vibrant print results

This low-sedimentation ink achieves stable and beautiful printing. Moreover, heat-press transfer printing yields vibrant colors by virtue of the high-density printing.

Stable ink flow and jetting

The Sb410 has superior re-solubility properties. Therefore, dried inks adhered around nozzles are easily wiped off with cleaning solutions. The improved resolvability also ensures more stable ink jetting, thereby improving the print production yield. Moreover, because the ink stability is improved, fewer regular cleanings are required, further contributing to cost reduction.

Low smoke emission

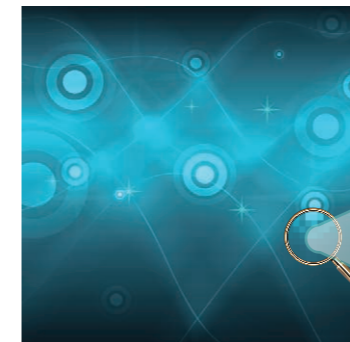
The Sb410 emits little smoke, thereby improving the work environment and increasing the work efficiency during heat-press transfer printing.

Mimaki's print technologies

Mimaki Advanced Pass System 4 (MAPS4) reduces banding

Mimaki's unique anti-banding technique MAPS4* is an advanced version of MAPS3. To prevent banding, swath boundaries are overprinted, whereas boundaries prone to banding are printed with fewer ink droplets.

* MAPS4: Mimaki Advanced Pass System 4



MAPS ON



MAPS OFF

Superior inkjet technology

Mimaki's superior inkjet technology accurately places the ink droplets without losing their perfect circularity. This ensures that texts, lines, and edges are clearly and sharply printed.



Waveform control applied



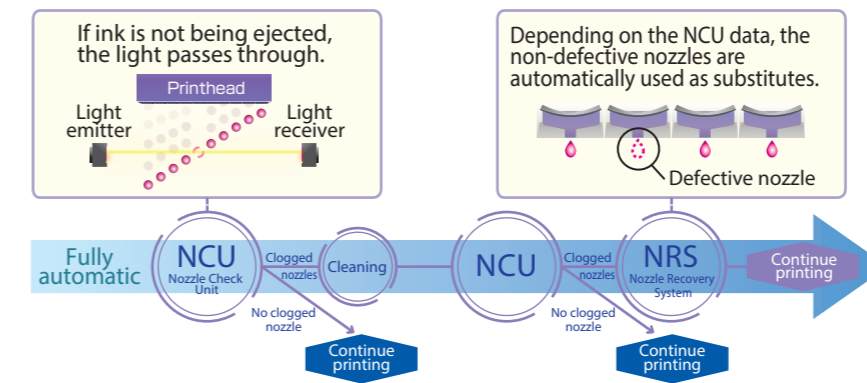
No waveform control



Uninterrupted printing solutions

Continuous operation support pack minimizes the downtime

The Nozzle Check Unit (NCU) detects nonfunctioning nozzles and automatically cleans them. If the nozzles fail to operate after cleaning, defective nozzles are replaced by non-defective ones until a technician arrives, and printing is continued. This feature enables uninterrupted print operations and continuous productivity.



Mimaki Bulk Ink System 3 (MBIS3) for long-time continuous printing

Large ink packs (2 liters) can be installed in the MBIS3. The standard "MBIS3" enables long-time continuous printing at reduced operating cost.

