

Sophisticated RIP software maximizes the performance of TS300P-1800

A choice of RIP software is included

User friendly RIP

RasterLink 6

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

Professional software RIP for multi colour separation

Software RIP for Multi Color Separation

TxLink 3 Lite

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

Specifications

Item	TS300P-1800
Printhead	On-demand piezo head (4 in-line printheads)
Print resolution	360dpi, 540dpi, 720dpi, 1,080dpi
Maximum print width	1,940mm
Maximum media width	1,950mm
Ink	Type/Colour
	Sb410 (Bl, M, Y, K, Lbl, Lm)
Package size	2L Ink pack
Media thickness	1.0mm or less
Rolled media weight	40kg (88 lb) or less
Certification	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 (AC100 - 120V / AC200 - 240V)
Power consumption	AC100V : 1.44kW / AC200V : 1.92kW
Operational environment	Temperature: 20 - 30 °C (68 - 86 °F) Humidity: 35 - 65% Rh (Non condensing)
Dimensions (WxDxH)	3,200 x 850 x 1,857mm
Weight	213kg

Options and Supplies

Item	Product No.	Remarks
Sublimation transfer ink Sb410	Blue	SB410-BLT-2L
	Magenta	SB410-MT-2L
	Yellow	SB410-YT
	Black	SB410-KT
	Light blue	SB410-LBT
Flushing Liquid 03 cartridge	Light magenta	SB410-LMT
	C-FL003-Z-22	For head cleaning- 220ml cartridge

TS300P-1800



Innovative production dye sublimation printer...

• 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 extreme 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 other unit due to slight individual differences • Composer's errors reserved

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TEXTILE & APPAREL



eco

Mimaki

The world imagines... Mimaki delivers



A new generation high-speed dye sublimation textile printer ...

Developed specifically for the textile print industry, the revolutionary new Mimaki TS300P-1800 delivers cost effective dye sublimation printing while maintaining high quality and high productivity. Perfectly suited to the creation of fashion, apparel, sportswear, furnishings and PoS, the TS300P-1800 uses state-of-the-art technology to set new performance benchmarks for the sector.

TS300P-1800 delivers ...

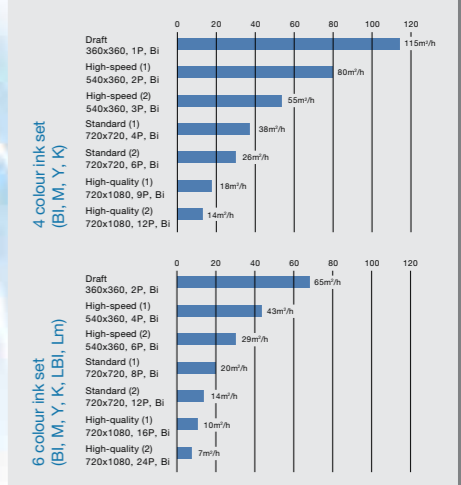
- Maximum print speed of 115m²/h (360 x 360dpi, 1 pass, Bi)
- New Sb410 high performance, affordable sublimation transfer ink
- Mimaki MBIS3 Bulk Ink System for long-run continuous printing
- Latest Mimaki MAPS4 Advanced Pass System
- Nozzle Check Unit (NCU) ensures reliable continuous print operation
- Cockling reduction transfer mechanism for higher quality print

- NEW Sb410 DYE SUBLIMATION INK
- 1940mm MAX PRINT WIDTH
- 115m²/h MAX. SPEED
- 1,080 DPI MAX RESOLUTION
- 4 & 6 COLOUR INK SETS
- UNATTENDED CONTINUOUS OPERATION
- POWERFUL SOFTWARE OPTIONS
- AUTO MEDIA FEEDER (AMF)



Maximum print speed of 115m²/h for 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 115m²/h) to high-quality printing mode.



ENGINEERING EXCELLENCE AND CREATIVE INNOVATION

Founded in Japan in 1975, Mimaki Engineering has steadily grown by reputation and influence into a global company with large operational bases in Asia and the Pacific, United States and Europe.

Renowned for award-winning performance, peerless build quality and innovative technology, Mimaki has established itself as a leading manufacturer of wide-format inkjet printers and cutting machines for the sign and graphics, textile and apparel and industrial markets. In addition, Mimaki also provides a comprehensive range of supporting products; hardware, software and associated consumable items, such as inks and cutting blades.

From outdoor signage and billboards to interior decoration and furnishing, from packaging and labels to promotional gifts and apparel, Mimaki is committed to developing technology that sets new industry standards, producing machines and products that turn the imagination of our customers into breath-taking reality.

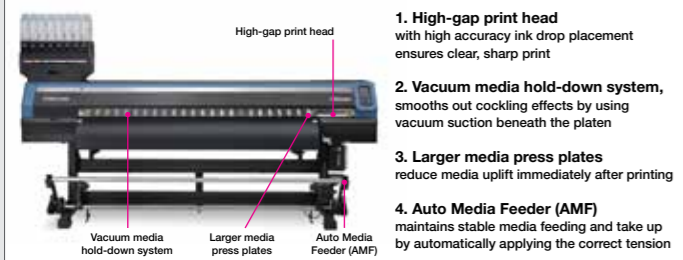
... Mimaki delivers

Create ... Fashion and Apparel, Sportswear, Home furnishing & upholstery fabrics, Soft signage, Textile retail PoS, Exhibition Graphics, Wall art, and much more...

KEY TECHNICAL FEATURES ...

'Cockling' reduction features

TS300P-1800 incorporates a number of innovative new features to reduce the effects of 'cockling' (the wrinkling of the media surface due to high levels of ink absorption, which is particularly prevalent where low-cost or thin transfer papers are being used).



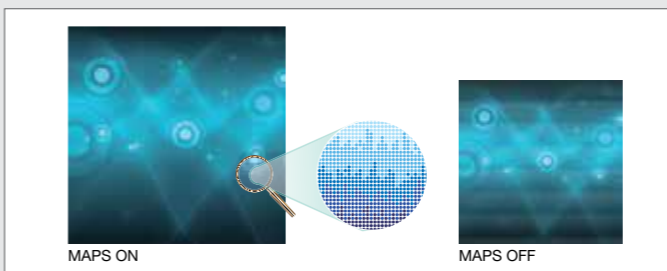
New Sb410 High Performance Ink Sets

The new Sb410 Ink sets offer a number of additional benefits over the conventional Sb53 inks, including:

- **Reduced cost** significantly improves profitability
- **Improved ink resolvability and stability** ensures better ink flow and jetting with easier and less frequent cleaning of nozzles required
- **Low-sedimentation formulation** delivers beautiful, vibrant, high-density printing
- **Low smoke emission** is beneficial for the work environment and improves production efficiency
- **Mimaki Bulk Ink System 3 (MBIS3)** utilises large 2 litre ink packs to deliver profitable long-run continuous print

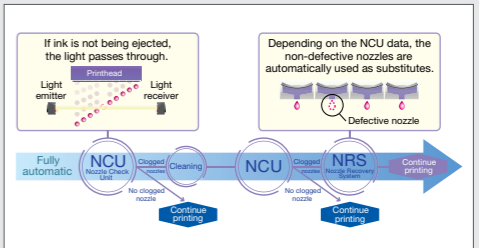
MAPS4 Advanced Pass System

MAPS is Mimaki's unique anti-banding feature. To prevent banding, swath boundaries are overprinted and boundaries prone to banding are printed with fewer ink droplets.



Continuous Uninterrupted Printing Features

Nozzle Recovery Function
In the event of a nozzle malfunction not being repairable by the use of the maintenance function, printing can continue by the use of another nozzle, without any loss of productivity or a reduction in image quality.



Uninterrupted Ink Supply System (UISS)
Two ink packs per colour can be set with the UISS function. When an ink bottle runs out, another bottle of the same colour automatically starts supplying ink.