

TS300P-1800



Innovative production dye sublimation printer...



**TEXTILE &
APPAREL**



eco

Mimaki

The world imagines... Mimaki delivers



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**

A new generation high-speed

Developed specifically for the textile print industry, the revolutionary high quality and high productivity. Perfectly suited to the creation 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

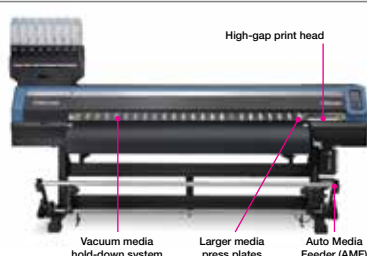
AUTO MEDIA FEEDER (AMF)

Create ... Fashion and Apparel, Sportswear, PoS, Exhibition Graphics, Wall art, and much

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).



- 1. High-gap print head**
with high accuracy ink drop placement ensures clear, sharp print
- 2. Vacuum media hold-down system,**
smooths out cockling effects by using vacuum suction beneath the platen
- 3. Larger media press plates**
reduce media uplift immediately after printing
- 4. Auto Media Feeder (AMF)**
maintains stable media feeding and take up by automatically applying the correct tension

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



the power to

create...

dye sublimation textile printer ...

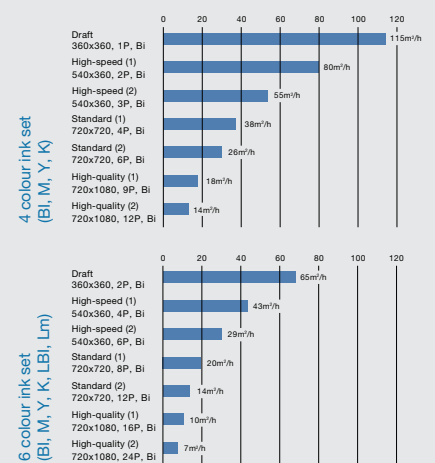
The new Mimaki TS300P-1800 delivers cost effective dye sublimation printing while maintaining the quality of fashion, apparel, sportswear, furnishings and PoS, the TS300P-1800 uses state-of-the-art

TS300P-1800



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.



Home furnishing & upholstery fabrics, Soft signage, Textile retail more...

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.



MAPS ON

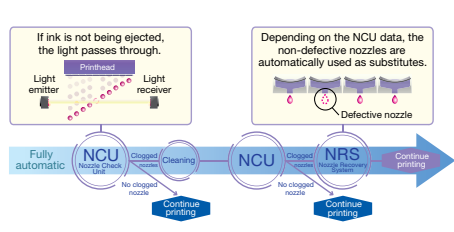


MAPS OFF

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.

Sophisticated RIP software maximizes the performance of TS300P-1800

A choice of RIP software is included

User friendly RIP

Raster Link 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 panning 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	2,000ml Ink pack
	Magenta	SB410-MT-2L	
	Yellow	SB410-YT	
	Black	SB410-KT	
	Light blue	SB410-LBT	
	Light magenta	SB410-LMT	
Flushing Liquid 03 cartridge	C-FL003-Z-22		For head cleaning. 220ml cartridge

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• 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 • Compositor's errors reserved



graphics.marketing@fujifilm.com.au - www.fujifilm.com.au/textile-printing