

LOW COST.  
HIGH RETURN.

TS100-1600



**Mimaki's unique Core Technologies ensure**

UNATTENDED, CONTINUOUS PRINTING OPERATION COMBINED WITH THE VERY HIGHEST IMAGE QUALITY

#### STABLE PRODUCTION



**NCU**  
Nozzle Check Unit automatically checks nozzles and cleans them if required.



**NRS**  
Nozzle Recovery System automatically substitutes defective nozzles to allow uninterrupted operation.



**AUTOMATIC WIPER**  
performs quick and effective cleaning of the print head, keeping the nozzles in top condition and reducing daily maintenance time.



**MAPS4**  
Mimaki Advanced Pass System reduces banding by dispersing ink drops between passes.



**WFC**  
Waveform Control utilises finely tuned frequencies to precisely shape and place individual ink drops.



**VARIABLE DOT**  
enables the printer to print in 3 different dot sizes to create high quality images with smooth gradations.

#### HIGH IMAGE QUALITY

## MIMAKI TS100-1600 SPECIFICATIONS

TS100-1600	
Print head	On-demand piezo head (2 staggered printheads)
Print resolution	360 dpi, 600 dpi, 720 dpi, 900 dpi
Ink	Type / Colour
	Package size
Maximum print width	1,610mm
Media	Max. width
	Thickness
	Roll diameter
	Roll weight
Interface	USB2.0 / Ethernet 1000BASE-T
Power supply	Single-phase (AC100-120V / AC200-240V ± 10%, 50/60Hz ± 1Hz)
Power consumption	AC100V: 1.44kW or less / AC200V: 1.92kW or less
Safety standards	VCCI class A, FCC Class A, CE Marking (EMC Directive, Machinery and Low Voltage Directive), CB Certification, RoHS, RCM, EAC, Energy Star
Operational environment	Temperature: 20-30°C / Humidity: 35-65% Rh (Non-condensing)
Dimensions (W x D x H)	2,775 x 700 x 1,475mm
Weight	166kg

#### Consumables

Item code	Description	Volume	Remarks
SB610-XX-BA-1	Sb610 dye sublimation ink	1000ml bottle	BL, M, Y, K
C-ML003-Z-BA-1	Flushing liquid 03	1000ml bottle	For flushing of ink lines
C-FL003-Z-22-1	Cleaning liquid 03	220ml cartridge	For maintenance purpose

#### Options

Item code	Description	Remarks
OPT-J0351	Drying fan 160	Requires drying fan connection kit (OPT-J0512) to install
OPT-J0512	Drying fan connection kit	Required for the installation of Drying Fan 160 (OPT-J0351)
OPT-J0353	Exhaust kit 160	
OPT-0355	Static prevention sheet	
STX-0010	TxLink4 Lite	

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EXPERT PRINTING  
MADE EASY

LOW COST. HIGH RETURN.

TS100-1600  
DYE SUBLIMATION  
PRINTER



**Mimaki**

The Mimaki TS100-1600 provides a unique opportunity for textile production companies to meet the demands of the rapidly growing sublimation market. Offered at an entry-level price and with an incredible maximum speed of 70m<sup>2</sup>/h, the TS100-1600 sets a new standard in dye sublimation printing. By delivering the best price/performance ratio in the market, it is an absolute game-changer!

## NEW DOT ADJUSTMENT SYSTEM (DAS)

Introducing Mimaki's easy-to-operate Dot Adjustment System (DAS), which automatically performs bi-directional and media feed adjustments. This eliminates the need for manual adjustments, saving time and improving overall productivity.

\*DAS may not be compatible with some media such as coloured, transparent, and embossed substrates.



Incorrect bi-directional drop landing position  
Overlap / black streaks (Insufficient paper feeding)  
Gap / white streaks (Excessive paper feeding)

With DAS



Correct drop landing position and paper feeding ensures the highest print quality

## HIGH DENSITY, ECO-CERTIFIED SUBLIMATION INK

Sb610 ink

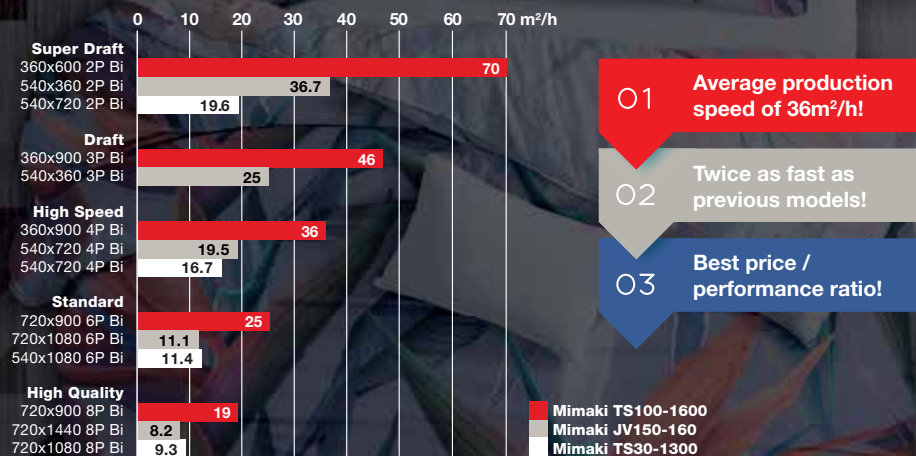
Newly available in competitively priced 1L bottles, Mimaki's Sb610 inks enable businesses to grow profitably and effectively. ECO PASSPORT certified by Oeko-Tex® (an independent verification process demonstrating the safety for use in sustainable textile production), Mimaki Sb610 inks offer strong environmental credentials and high colour yield.



**OEKO-TEX®**  
CONFIDENCE IN TEXTILES

## DOUBLE YOUR PRODUCTIVITY

With a maximum print speed of 70m<sup>2</sup>/h, the Mimaki TS100-1600 is almost twice as fast compared to our previous sublimation models. It also delivers an average production speed of 36m<sup>2</sup>/h, setting a new price/performance ratio standard in dye sublimation printing.



- 01 Average production speed of 36m<sup>2</sup>/h!
- 02 Twice as fast as previous models!
- 03 Best price / performance ratio!

## ADVANCED RIP SOFTWARE **Raster Link 7**

The TS100-1600 comes with Mimaki's user-friendly RIP software, **Rasterlink 7**, as standard, featuring:

1. New HARLEQUIN RIP core for more accurate handling of PDF files with shadows and transparencies.
2. Up to 25% faster processing of complex PDF files.
3. Variable data printing to easily create a series of prints with dynamic variations of texts and photos.
4. Improved user interface and screen efficiency.

## POWERFUL TEXTILE RIP SOFTWARE FOR PROFESSIONAL USE

Available as option, the new Mimaki TxLink4 textile RIP software enables a more efficient, seamless textile print production.

**TxLink™4** Lite

■ Smoother gradation with 16-bit rendering



**TxLink3** 8-bit rendering

■ Simultaneous RIP and print of multiple jobs



**TxLink4** 16-bit rendering

The TxLink4 allows simultaneous RIP processing of up to 8 jobs with various print data. <sup>(1)</sup>

Using the Print Job Pool feature, a large number of copy prints can be done simultaneously on multiple printers with the same model and ink set. <sup>(1)(2)</sup>

(1) Additional printer licenses corresponding to the number of connected printers are required.  
 (2) Simultaneous RIP does not work if two or more images are arranged in one print job.

**CREATE:** Fashion | Apparel | Soft Signage | Home Furnishings | Textile Graphics | Point of Sale | Sublimated Products | Promotional Items and much more...