

LOW COST.
HIGH RETURN.

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.

HIGH IMAGE QUALITY

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.

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	Sb610 (BL, M, Y, K)
	Package size	1L ink bottle
Maximum print width		1,610mm
Media	Max. width	1,620mm
	Thickness	Up to 1mm
	Roll diameter	Up to 250mm
	Roll weight	Up to 45kg
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	

Specifications, designs and dimensions in this list may be subject to change without notice due to technical improvements or other modifications.

MEUTS10001-EN

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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 70m²/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

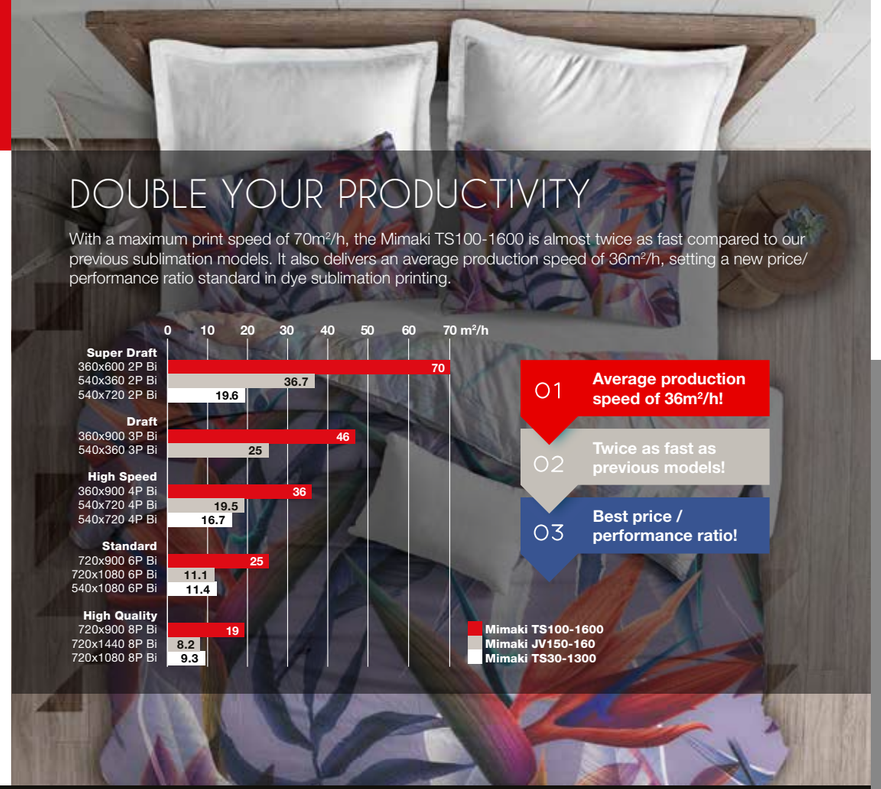
HIGH DENSITY, ECO-CERTIFIED SUBLIMATION INK

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 70m²/h, the Mimaki TS100-1600 is almost twice as fast compared to our previous sublimation models. It also delivers an average production speed of 36m²/h, setting a new price/performance ratio standard in dye sublimation printing.

01 **Average production speed of 36m²/h!**

02 **Twice as fast as previous models!**

03 **Best price / performance ratio!**

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

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



TxLink4 16-bit rendering

Simultaneous RIP and print of multiple jobs

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

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.(1)(2)

(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.