



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, in top condition and reducing daily maintenance time.



# Pass System reduces banding

keeping the nozzles



# MAPS4 Mimaki Advanced

by dispersing into precisely drops between shape and place individual ink passes. drops.

HIGH IMAGE QUALITY



# WFC

# Waveform Control utilises finely tuned frequencies

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

**VARIABLE** 

DOT

# MIMAKI TS 100-1600 SPECIFICATIONS

TS100-1600 On-demand piezo head (2 staggered printheads) 360 dpi, 600 dpi, 720 dpi, 900 dpi Type / Colour Sb610 (BL. M. Y. K) Package size 1L ink bottle 1.610mm um print width Max. width 1.620mm Thickness Up to 1mm Roll diameter Up to 250mm Roll weight Up to 45kg USB2.0 / Ethernet 1000BASE-T Single-phase (AC100~120V / AC200~240V ± 10%, 50/60Hz ± 1Hz) AC100V: 1.44kW or less / AC200V: 1.92kW or less VCCI class A, FCC Class A, CE Marking (EMC Directive, Machinery and Low Voltage Directive), CB Certification, RoHS, RCM, EAC, Energy Star Temperature: 20-30°C / Humidity: 35-65% Rh (Non-condensing) mensions (W x D x H) 2.775 x 700 x 1.475mm 166ka

# Consumables

	Item code	Description	Volume	Remarks
l	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
П	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



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



ncorrect bi-directional drop



Overlap / black streaks



Gap / white streaks (Excessive paper feeding)

# With DAS

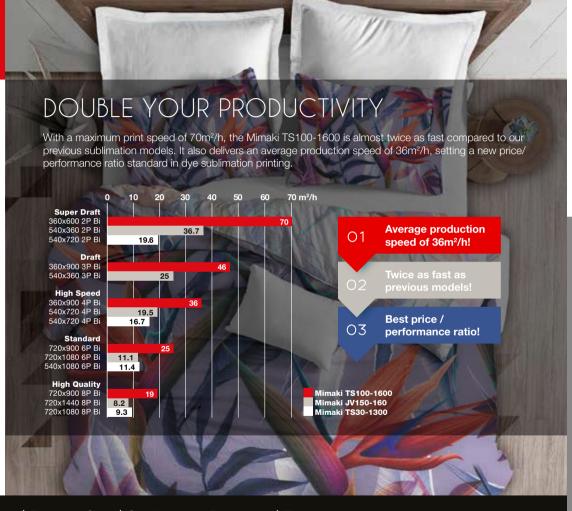
Correct drop landing position and paper feeding ensures the highest print quality

# 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.





# ADVANCED RIP SOFTWARE



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.
- 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.



# Smoother gradation with 16-bit rendering







TxLink4 16-bit reno

# ■ 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.<sup>(1)(2)</sup>

- Additional printer licenses corresponding to the number of connected printers are required.
- 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...