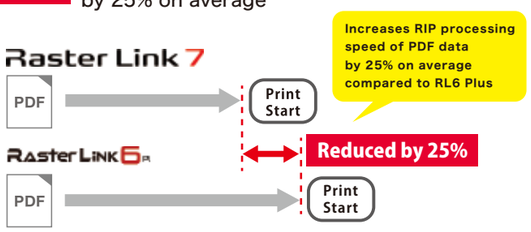
Selectable software

You can choose either RasterLink7 or TxLink4 in order to suit your jobs.

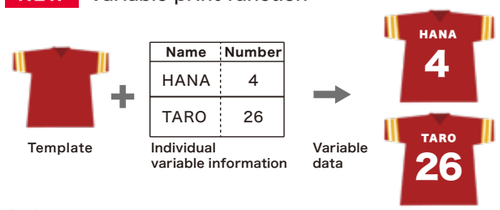
Raster Link 7

Supports operability and the fineness of print-outs

NEW Increases RIP processing speed of PDF data by 25% on average



NEW Variable print function



Template | Individual variable information | Variable data

And more…

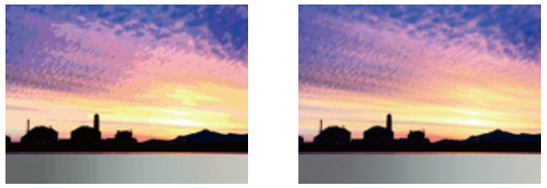
- Improves reproducibility of PDF print data with special effects
- Easy-to-check displays

Specifications settings on one screen
Displays pop-up window at an error

TxLink4 Lite

More Advanced Textile RIP Software for Professional Use

■Much smoother gradation expression with 16-bit rendering



TxLink3 8-bit rendering

TxLink4 16-bit rendering

*8-bit rendering is used depending on the file format or color space.

■Color replacement function

Specify the amount of ink and the Lab value to get the ideal color.

Color replacement function

■Parallel RIP ■Load balancing

Great functions when connecting multiple printers which support the improvement of print efficiency.
The RIP processing up to 8 jobs can be performed in parallel for multiple pieces of print data.(*1)
Also, a large number of copy prints can be printed simultaneously on multiple printers.(*1,2)

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

*2 Identical printers/identical ink set printers are required.

Specifications

Item		TS100-1600
Print head		On-demand piezo head (2staggered layout)
Printing resolution		360 dpi, 600 dpi, 720 dpi, 900 dpi
Maximum drawing width		1,610 mm (63 in)
Media	Maximum width	1,620 mm (64 in)
	Thickness	1 mm or lower
	Roll diameter	ϕ250 mm or less
	Roll weight	45 kg (99 lb) or less
Ink set		4C (BL,M,Y,K)
Ink	Type	SB610 (BL,M,Y,K)
	Capacity	1000 ml bottle
Interface		USB2.0 / Ethernet
Power		Single-phase AC100-120V/AC200-240V±10% 50/60Hz±1Hz
Power consumption		AC100V: 1,440W or less x1/AC200V:1,920W or less x 1
Operational environement		Temperature: 20-30 degC (68-86 degF) Humidity: 35-65%Rh (without condensation)
Dimensions (WxDxH)		2,775 x 700 x 1,475 mm (109 x 28 x 58 in)
Weight		166 kg (366 lb)

Supplies

Item	Color	Item code	Remark
Dye sublimation ink Sb610 ECO PASSPORT Certification ink*	Blue	SB610-BLT-BA	1000 ml bottle
	Magenta	SB610-MT-BA	
	Yellow	SB610-YT-BA	
	Black	SB610-KT-BA	
Flushing liquid 03 Bottle		FL003-Z-BA	1L bottle
Flushing liquid 03 Cartridge		FL003-Z-22	220 ml cartridge

* ECO PASSPORT No.1801 ZDHC Level 1

Ethernet supported!

Creat a free and efficient working environment

Ex.
Print data editing on an office PC to send the data to print directly to a printer at the work site

●Some of the samples in this catalog are artificial renderings. ●Specifications, design and dimensions stated in this catalog may be subject to change without notice (for technical improvements, etc). The corporate names and merchandise names written on this catalog are the trademark or registered trademark of the respective corporations. ●Inkjet printers print using extremely fine dots, so colors may very slightly vary after replacement of the printing heads. Also note that if using multiple printer units, colors could vary slightly from one unit to other unit due to slight individual differences.
●The specifications described in this catalog are as of February 2021.

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DB30339-01

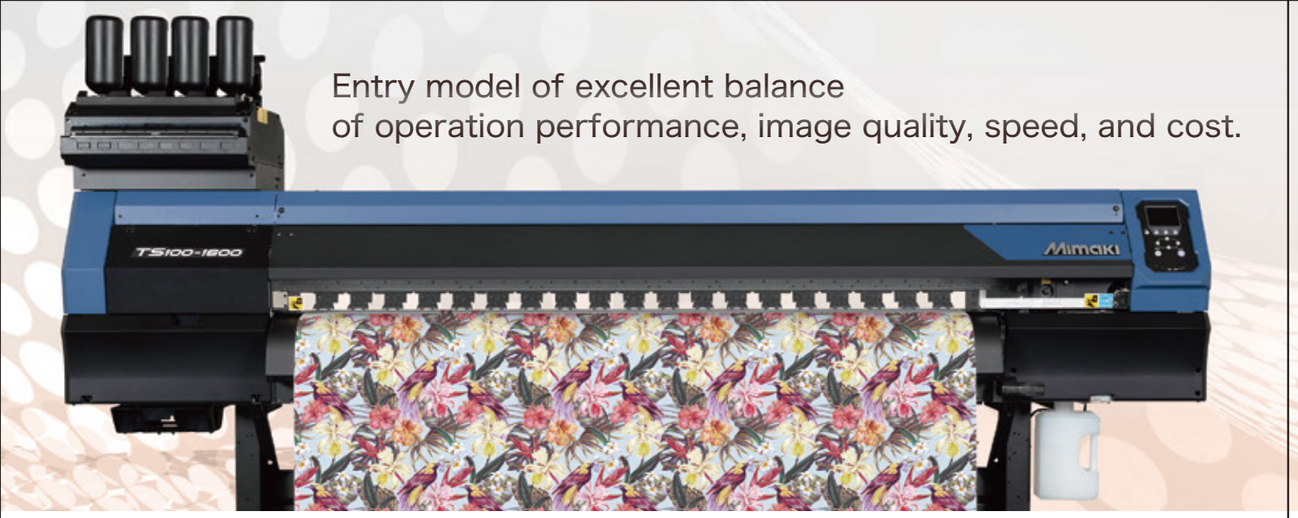
For TEXTILES & APPAREL

1.6m width Sublimation transfer inkjet printer entry model

TS100-1600

Mimaki

Expert printing made easy.



Entry model of excellent balance
of operation performance, image quality, speed, and cost.

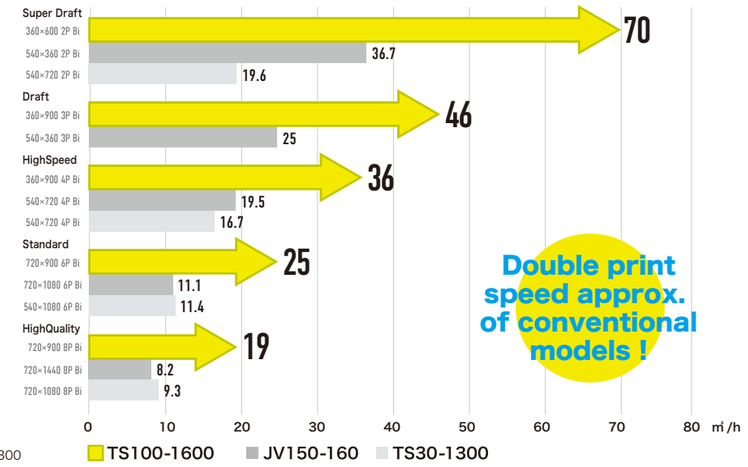
Low cost but very versatile printer which can apply to print the most common width of 1.6 m in the textile apparel industry. Remarkable model of the Mimaki dye sublimation transfer printer which realized approximately double print speed of conventional models.(*1)

Print Speed

Double print speed approx. of conventional models ! (*1)

Max.70 ㎡/h of print speed !

It is a powerful model which realized the double print speed of that of our conventional textile printers. Necessary volume of printed textiles can be produced on demand, the unnecessary inventory can be eliminated. It can simplify the production site and production management, allowing you to focus on higher value-added jobs.



*1: When compared to our previous models for textile apparel application
: JV150-160 (equipped with water-based sublimation ink) and TS30-1300

DAS (Dot Adjustment System)

Common features of Mimaki "100 series" products for safety and stability

The function to adjust automatically the dot position and the feed amount that affect print quality as the standard equipment.

After changing a media and a printing condition,
the ink dot position and media feeding amount must be adjusted accordingly.
Since DAS automatically applies them, printing can be performed without labor and variation of adjustment by the operator (*2).

*2: Some media cannot be automatically applied.

DAS

It is the function to print a dedicated pattern to the media and read by the sensor mounted on the carriage to adjust automatically:

- **Dot position** (Dot jetting position at the bi-direction)
- **Feeding amount** (Media feeding amount)

Improper dot position

Overlap/Black streaks
(Insufficient feeding amount)

Gap/White streaks
(Excessive feeding amount)

Proper dot position and feeding amount

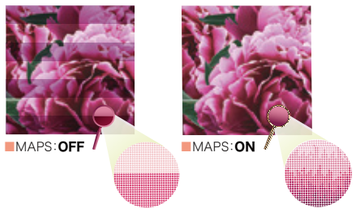
MAPS4 NCU/NRS

Common features of Mimaki "100 series" products for safety and stability

MAPS functionality reduces banding

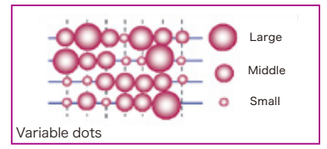
In ordinary textile printers, the straight pass boundaries often results in bandings and discoloration due to slight misalignment. The "MAPS (Mimaki Advanced Pass System)" functionality provides gradation to printed pass boundaries and maintains stable print quality by reducing banding and uneven color.

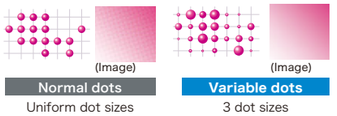
MAPS functional image



Minimum ink size 5pl
Beautiful print of less granularity feeling

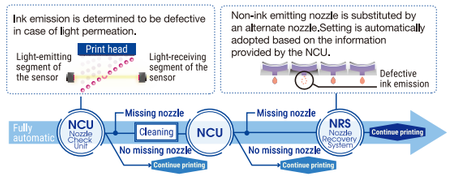
TS100-1600 can diffentiate to jet into 5/13/19 pl of 3 steps of droplet size.Three different ink drop sizes are enable to achieve high-quality prints with rich tonal range and fine expression with reduced granular feeling. The optimal drop size for each mode is embedded in profiles of the TS100-1600.





NCU/NRS
employed to monitor missing nozzlesa

The sensor automatically detects the condition of nozzles. When the NCU (Nozzle Check Unit) detects a missing nozzle, it automatically performs cleaning. If there is a nozzle problem left unsolved by the cleaning, the NRS (Nozzle Recovery System) automatically replaces the defective nozzles with other nozzles, and enables users to continue their operation without waiting for service personnel. The NRS is supported from the one-pass printing to apply the fastest print mode.



Ink

Mimaki genuine dye sublimation ink Sb610

High-density ink that dramatically improves the beauty of prints on polyester materials

The high-density and fastness ink provides vivid colors and high color reproducibility which is suitable for fashion clothing, sports wear and soft signs etc.
It can be used for a wide range of products, from original items such as team wear, bags, and stage costumes to large-volume production.
Since the Sb610 is excellent in its stability during the continuous discharging and also when left unattended for suspension of operation, it can output without stress, which greatly contributes to productivity at site.

New! 1000ml Bottle

Mimaki's dye sublimation ink using 1000ml bottles for the 1st time, reducing replacement frequency and cost.

The Sb610 dedicated to the environment and safety of products and production sites

The Sb610 has obtained the "ECO PASSPORT" certification as defined by the Oeko-Tex International Community based in Switzerland. "ECO PASSPORT certifies that the dyes and pigments used to color textile products, as well as the chemicals used to add functionality, do not contain harmful ingredients.This is a certification by a third-party organization that certifies the world's highest level of safety, which also complies with the European REACH regulation.
We have led the industry in the development of inkjet printers and inks that reduce environmental impact.
We will continue to strive to provide products and services that reduce environmental impact and are safe and secure, along with high quality printing technology.