

For  
TEXTILES &  
APPAREL

N 8JEF )JHI 4QFFE 4VCMJNBUJPO 5SBOTGFS \*OLKFU 1SJOUFS

.PSF "EWBODFE 5FYUJMF 3\*1 4PGUJBSF  
)JHIMZ 4BGF &DP 4VCMJNBUJPO 5SBOTGFS \*OLKFU 1SPGFTTJPOBM 6TF

# MLSb5 10



Ü 1BSBMMFM 3\*1 GVODUJPOBMJUJ JNQSF  
Ü 4NPPUIFS HSBEJFOUT XJUI CJU SFOEFSJOH  
Ü &BTZ OFTUJJOH PQFSBUJPO TBWFT NFEJB FUD  
y/FTUJJOH GVODUJPO UP TVJU ZPVS BQQMJDBUJPO

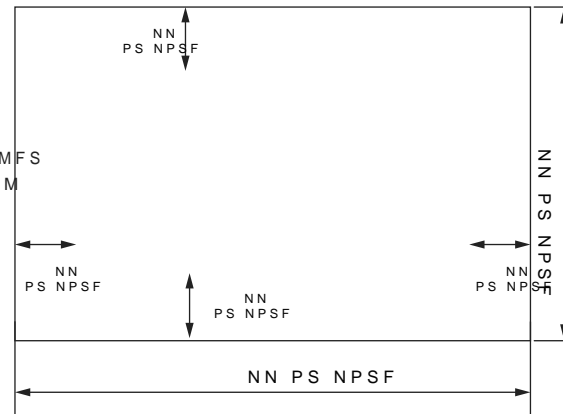
## 1SPEVDU TQFDJpDBUJPO

*UFN	5JHFS	54
Print head type	On-demand piezo print head	
Number of print head	8 units (4 in-lined x 2 staggered layout)	
Print resolution	300dpi, 600dpi	
Maximum print width	1,850mm (72.8")	
Minimum print width	210mm (8.3")	
Maximum media width	1,900mm (74.8")	
Paper core diameter	3 inches	
Media roll diameter	600mm or less (≤ 23.6")	
Media weight	300kg or less (≤ 661.4 lb.)	
Ink	Type/Colors	Sublimation Transfer MLSb510 (Bl/M/Y/K)
	Content	LH *OL 5BOL
*OUFSGBDF	&UIFSOFU (#*4 & 5 64# 3FNPWB CMF %JTL	
	#VJMU JO UPVDI QBOFM &YDMVTJWF 4PGUJBSF *OLKFU 1SPGFTTJPOBM	
RIP Software	5Y-JOL 4UBOEBS 1SPGFTTJPOBM	
Compatible Standards		
	Operation temperature	
	Humidity	
	Dust level	
	Maximum operating altitude	
	Max. operating Standby	

## 4VQQMZ JUFNT

*UFN	\$PEF	%FTDSJQU
Sublimation Transfer Ink MLSb510	Blue	MLS51-BLT-BJ
	Magenta	MLS51-MT-BJ
	Yellow	MLS51-YT-BJ
	Black	MLS51-KT-BJ
	ML03 bottle	ML003-Z-K1 200ml bottle

## \*OTUBMMBUJPO TQBDF



Entering within 1 meter of perimeter is extremely dangerous during the production

\*1: Total

# Tiger600-1800TS

Unparalleled productivity !

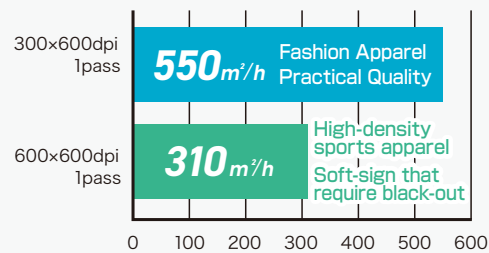
Next-Generation Tiger :  
Unparalleled Productivity  
and Superior Image Quality

Print Speed  
Max. **550m<sup>2</sup>/h**

Mimaki's original print technology and mechanism design, together with a new high-speed drive print head. The new [Tiger] was born with high productivity and image quality, setting the stage for the future of digital textile printing.

[Tiger600-1800TS] with Mimaki's accumulated technologies, embodies practical image quality and productivity for textile and fashion applications. It is a product that brings you to the world of sustainable digital textile printing.

## Recommended Print Speed (by applications)



\*Above are expressions based on internal evaluations and are not guaranteed for all applications.

Smart design !

## Space-Saving and Lightweight Design for Easier Installation

Both transfer paper set-up and take-out can be performed from one-side

- Operation footprint reductions : Approx. 50% vs previous model
- Product weight reductions : Approx. 80% vs previous model

Greatly easing installation location restrictions  
- easier for customers to install the system



The Mimaki's Tiger series is reborn with a maximum speed of 550 sqm/h  
Embracing the digital printing era - paving the way to a sustainable textile industry

New design !

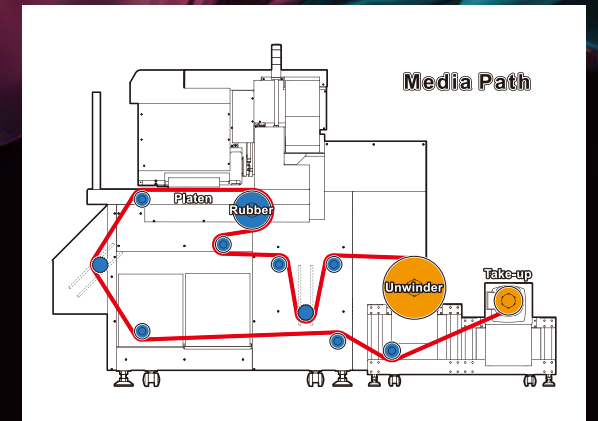
## Advanced Transfer Paper Transport Mechanism : Stable Printing even with Thin Transfer Paper!

The Tiger600-1800TS features a newly designed wrinkle-removing roller within its transport system.

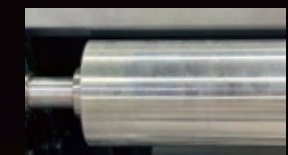
Previously, transport tension-induced wrinkles on the transfer paper led to cockling, causing the print head to touch the paper.

The newly designed roller allows wrinkles to escape when transport tension is applied, effectively preventing any contact between the print head and the transfer paper.

Ensuring stable transport of thin paper helps reducing running cost.



Standard roller



Wrinkle-removing roller



### Light Curtain

Detects obstructions and halts printing to prevent accidents

### Print Carriage

8-print head array achieves high productivity

### Maintenance Switch

Switches  
Printing-mode / Maintenance-mode

### Wrinkle-Removing Roller

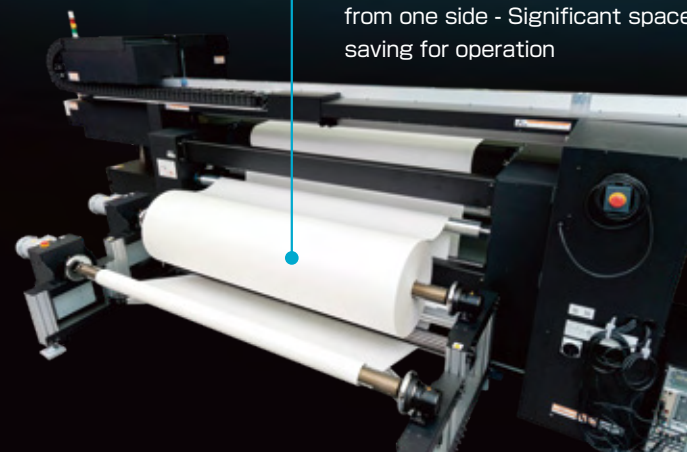
Reduces wrinkles of transfer paper due to transport tension. Smooth transport of thin transfer paper is supported.

### Dryer Unit

Placed underneath the main unit, contributes to space-saving

### Take-up/Unwind Unit (Rear Section)

Transfer paper loading/unloading from one side - Significant space saving for operation



### Operation Software : MPC

Printer operation and production directive performed from the touch panel.

\*Please prepare a PC for RIP software (Sold separately)

### 10kg Ink Tank Supply Unit & Internal Buffer Tank

Ink tank can be replaced during printing operation. In addition, the ink circulation function automatically agitates the ink in the system, contributes to less maintenance time and stable operation.

### Purified Water for Automatic Maintenance

\*Please make your own preparations

Continuous production!

## Ink System Design and Support Functions for Continuous and Stable Production

A new ink system design implemented to reduce the risk of nozzle dropout during operation. The system is also equipped with support functions to ensure that customers can continue working even in the event of nozzle clogging.

### NRS : Nozzle Recovery System

Even when head cleaning does not clear nozzle clog, productivity can be maintained.

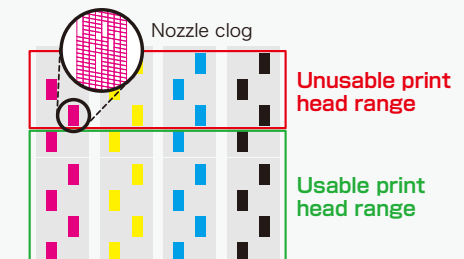


\*Recovery may not work depending on nozzle clog positions

### Head Select Function

The print process can be continued using the available range of print heads when large number of nozzles are clogged.

\*Productivity varies depending on the usable range of print heads.



Without head select



When using head select

