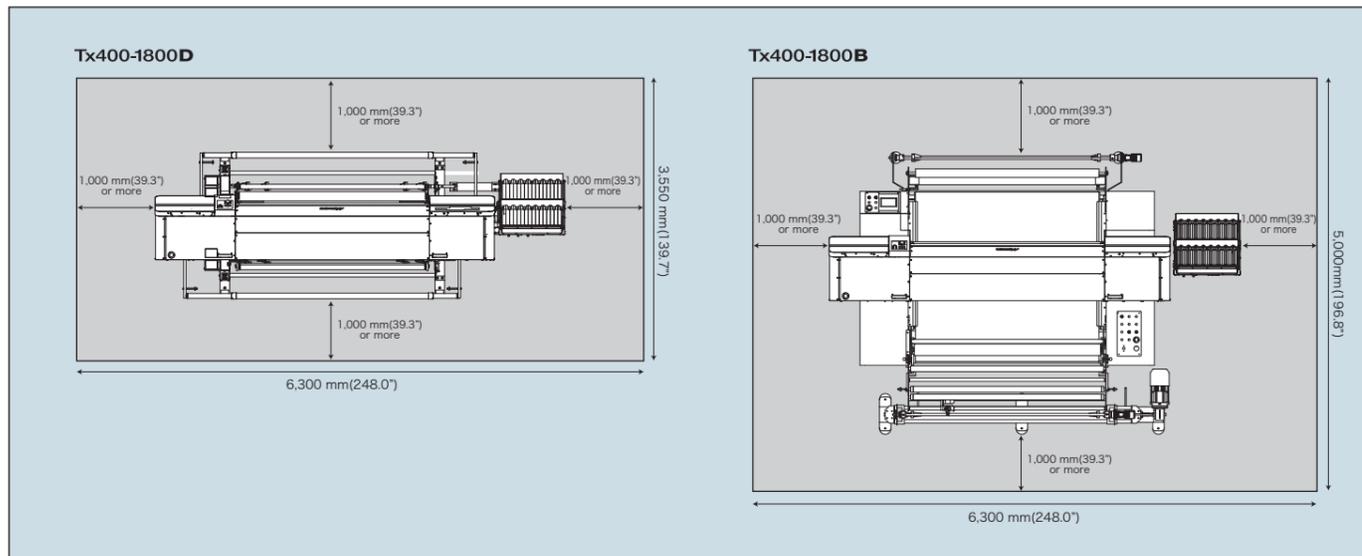


## Specifications

Item	Tx400-1800D	Tx400-1800B
Printhead	On-Demand piezo heads in 3-layered staggered arrangement / 8 colors	
Maximum print width	1,850 mm (72.8")	
Media transport system	Grid roller transport	Belt carrier system
Print media	Width	210 ~ 1,860 mm (8.2" ~ 73.2")
	Thickness	up to 7 mm (0.27")
	Roll diameter	up to ø 270 mm (10.6")
	Inside diameter	1.5 - 3 inch
	Weight	up to 38 kg (83.7 lb)
Ink	Type	Sublimation dye ink (Sb210), Reactive dye ink (Rc210), Textile pigment ink (TP250)
	Number of colors	4 colors, 6 colors, 8 colors possible
	Capacity	16 slots per 2L ink containers in 8 colors mode: 2 containers/color (4L / color) possible in 6 colors mode: 2 containers/color (4L / color) possible in 4 colors mode: 4 containers/color (8L / color) possible
Operating environment	Temperature	15 °C ~ 30 °C (59 °F ~ 86 °F)
	Recommended temperature	20 °C ~ 25 °C (68 °F ~ 77 °F)
	Temperature variation	less than ± 10 °C (50 °F)
	Humidity	35 ~ 65% Rh (no condensation)
Air	general office environment	
Interface	USB2.0	
Heater	****	Standard equipment
Power requirements	Printer	AC200 - 240 V ± 10 % 50/60 Hz ± 1 Hz, 7.5 A
	Conveying belt section	****
Dimensions (W) x (D) x (H) including ink supply unit	Tx400-1800D	4,300 × 1,550 × 1,600 mm (169.2" × 61.0" × 62.9")
	Tx400-1800B	4,300 × 2,930 × 1,650 mm (169.2" × 115.3" × 64.9")
Installation space (W) x (D)	Tx400-1800D	6,300 × 3,550 mm or more (248.0" × 139.7" or more)
	Tx400-1800B	6,300 × 5,000 mm or more (248.0" × 196.8" or more)
Carrying frontage	Tx400-1800D	1,650 mm or more (64.9" or more)
	Tx400-1800B	3,000 mm or more (118.1" or more)
Weight	Tx400-1800D	550 kg (1,212.5 lb)
	Tx400-1800B	2,300 kg (5,070.5 lb)

## Installation space



●Some of the samples in this catalogue are artificial renderings. ●Specifications, design and dimensions stated in this catalogue may be subject to change without notice (for technical improvements, etc). ●The corporate names and merchandise names written on this catalogue are the trademark or registered trademark of the respective corporations. ●Inkjet printers print using extremely fine dots, so colors may vary slightly 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.



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## Supplies & Options

Item	Item No.
Sb210 sublimation dye ink	2L SPC-0700 C/M/Y/K/Lc/Lm/Bl/Lbl
Rc210 reactive dye ink	2L SPC-0702 C/M/Y/K/Lc/Lm/Or/R/Lk
TP250 textile pigment ink	2L SPC-0730 C/M/Y/K/Lc/Lm/Bl/Or
Water based cleaning liquid	2L SPC-0631
Wiper kit	10 unit SPA-0171
Cleaning stick	50 unit SPC-0527
Exhaust fan filter set	100 sheets SPC-0629
Wiper ink absorber set 2	1 unit SPC-0664
Wiper ink guard absorber set	1 unit SPC-0634
Cleaning cloth	300 sheets SPC-0677
Paper jointing tube support	OPT-J0093
Relay box *	OPT-J0292

\* It is possible to control external drying heater and printer via the relay box.

**New generation 16-bit rendering software included**

**Tx400-1800's broad functionality is fully supported by this advanced software RIP**

- 16 bit rendering enables smooth gradations
- Ink drop size can be selected from the RIP
- Corresponds to color chart for easy color matching
- Automatically changes between CMYK mode and BMKY mode depending on selected profile
- Easily achieves both software update and profile download via web update function

# TextileJET Tx400-1800 Series MIMAKI™

## New generation of large format textile inkjet printer for improved productivity and profitability



Sports apparel



Soft signage



Interior decorations



Textiles

**Digital textile printing**

**Direct & Transfer sublimation**

### Max. Print Speed

8/6 color mode: 56.4 m<sup>2</sup>/h, 4 color mode: 99.1 m<sup>2</sup>/h

### High Automation

Continuous printing without operator intervention

### Ink drop size selection

Enables high density, exact and high quality printing

### Bulk ink supply

2L ink containers x 16 slots

### Different color modes

Chose between 4, 6 or 8 color printing

### 3 types of ink

Sublimation dye ink, Reactive dye ink or Textile pigment ink



**Tx400-1800D**  
Grid roller transport

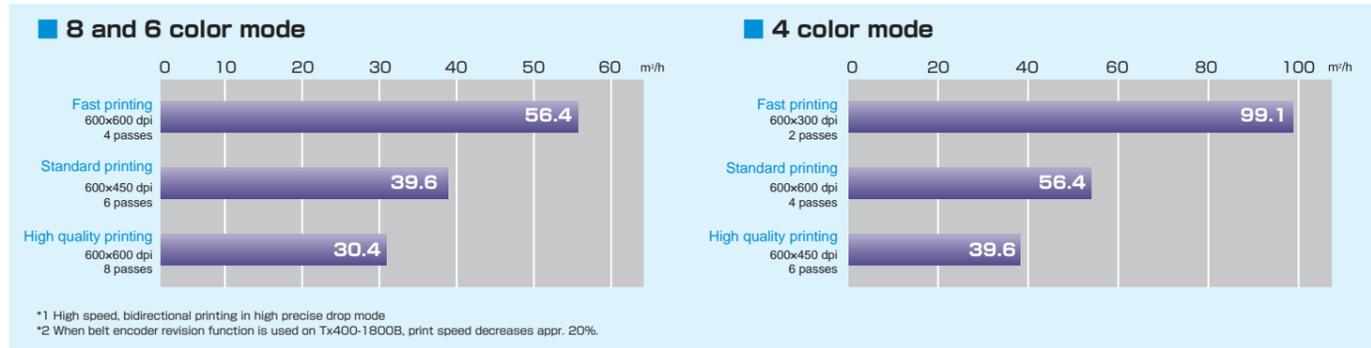


**Tx400-1800B**  
Belt carrier system

# A New Age of Digital Textile Printing

## High Speed Print

enables fast response times



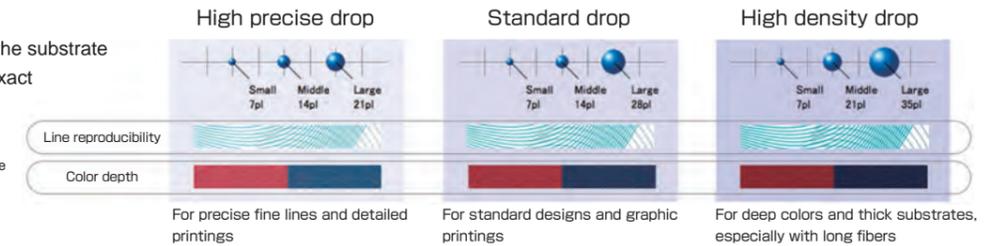
## High Quality Print

shows sharp and exact dots with full color depth

### Different ink drop sizes (Optional feature)

Ink drop sizes can be selected according to the substrate and the intended design so that sharp and exact reproduction is made possible.

\* As inkjet drops have a different appearance on different substrates, please test beforehand and chose the appropriate drop size for each substrate.



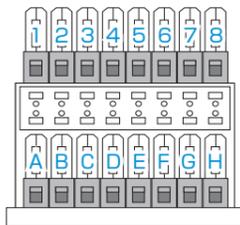
## Continuous Print

enables increased productivity

### Bulk ink supply system

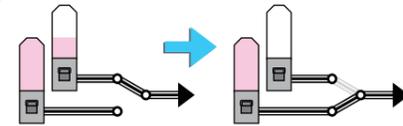
16 loading slots for 2L ink container each, thus in 4 color mode a maximum of 8L per color is enabled

Bulk ink  
2 liters  
x  
16 slots



### UISS (Uninterrupted Ink Supply System)

Mimaki's UISS (Uninterrupted Ink Supply System) will automatically switch whenever one ink container is empty to the other ink container of the same color. In addition, operators can exchange the ink containers even when the printer is at work. Therefore UISS enables long continuous print runs.



Empty ink containers are automatically switched and ink supply starts from the 2nd container of the same color.

## Wide Variations

for a broad variety of applications

### Color modes

Sb210 sublimation dye ink	
4 colors	C M Y K or Bl M Y K
6 colors	C M Y K Lm Lc Bl Lbl
	CMYK mode: C M Y K Lm Lc BMKY mode: Bl M Y K Lm Lbl

2 types of color mode are changed automatically via the selected profile in the RIP.

Rc210 reactive dye ink	
8 colors	C M Y K Lm Lc Bl Or R Lk

CMYK setting is fixed, further 4 colors can be selected from 6 colors.

TP250 textile pigment ink	
8 colors	C M Y K Lm Lc Bl Or

### Ink correspondence chart

Ink type	Cotton	Rayon	Flax	Silk	Nylon	Polyester	Transfer paper
Sb210 sublimation dye ink						○	○
Rc210 reactive dye ink	○	○	○	○	△		
TP250 textile pigment ink	○		○				

### Correspondence chart for D/B model

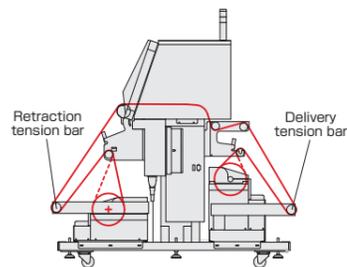
	Tx400-1800D	Tx400-1800B	Corresponding ink
Textile printing	○	○	Sb210/Rc210/TP250
Wet stretchable substrates	X	○	Sb210/Rc210/TP250
Direct sublimation	○	○	Sb210

C Cyan M Magenta Y Yellow K Black Lm Light Magenta Lc Light Cyan  
Bl Blue Lbl Light Blue Or Orange R Red Lk Light Black

## Media transport system enables long automated print production

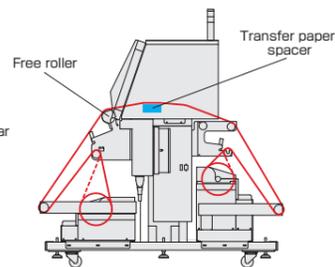
### Tx400-1800D

#### Direct printing



Web tension is ensured by movable delivery/retraction bars that absorb tension differences and stabilize substrates so that high quality printing is made possible.

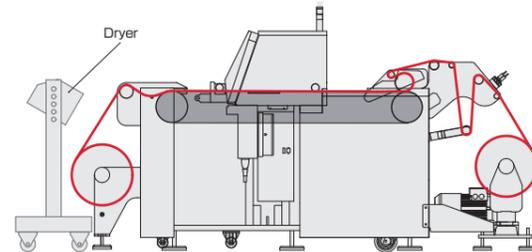
#### Transfer sublimation Printing



Setting the transfer spacer at the platen and displacing the free roller in the low position, the media conveyance will be sloped thus reducing media wrinkles.

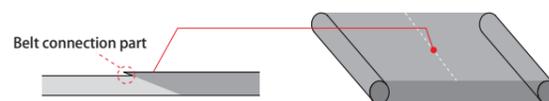
### Tx400-1800B

#### Belt carrier system enables conveying of stretch materials



#### Belt encoder revision function

Uneven conveying of textile substrates can be counteracted by employing the belt encoder revision function. As the connection part of the belt shows a difference in thickness of 0.1 - 0.2 mm, without the belt encoder, this unevenness will usually impact long prints whereby the issue increases. In order to ensure high quality printing the belt encoder revision functionality should be used.



## Digital Work Flow

the new dimensional workflow enabled by digital printing

- Substantial time savings and production time reduction from design to market enables fast response to clients orders.
- No restriction in numbers of colors, smooth gradations and high quality printing
- Ecologically viable printing as only the required ink quantity is used for production. No excess water usage.

