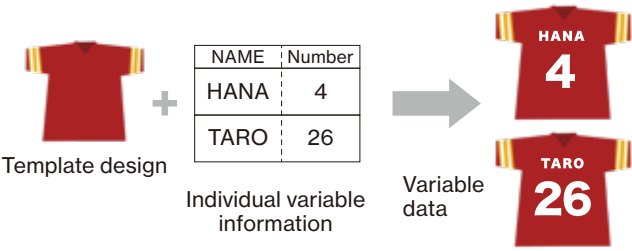


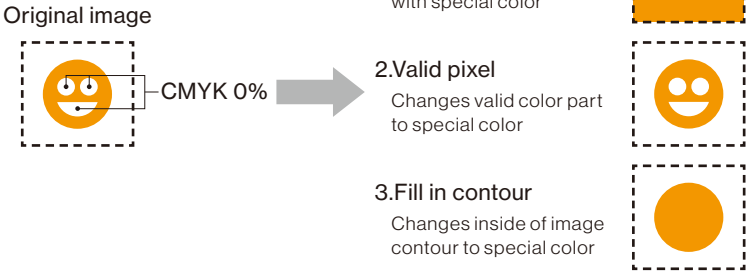
# Raster Link 7

More useful and functional  
Variable print function - one items in uniform



## Special color plate generation

The new [Fill in contour] option for reliable operation in DTF print  
Vector data and CMYK=0% object to be converted to special color  
plate EPS, PS, PDF formats are supported.



## Mimaki Cloud Technology PICT

The printer's operating status and ink usage can be monitored even when the user is away from the printer. It supports planned operations and lets you see the operational status and performance of Mimaki printers, which can be useful for planning purposes. It also enables advanced scheduled maintenance and preparation for ink refills.

## MRA (Mimaki Remote Access)

List ink type, heater temperature, and notification alerts on a smartphone or Windows-based PC. The machine can be operated remotely with the same feeling as the control panel of the actual machine.

Note:  
Mimaki offer product in printer, ink and RIP software.  
Please consider the film, hot melt powder post-processing machine, and heat press transfer machine required for the system configuration after sufficient prior evaluation by the customer.

## Specifications

|                       |               | TxF300-75                                                                                                                                 | TxF300-1600                                                                        |
|-----------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Print head            |               | On-demand piezo head                                                                                                                      |                                                                                    |
| Printing resolution   |               | 720 dpi, 1,080 dpi, 1,440 dpi                                                                                                             |                                                                                    |
| Ink                   | Type / Color  | Heat transfer pigment ink PHT50 (C, M, Y, K, W)                                                                                           |                                                                                    |
|                       | Capacity      | 600 ml Ink pack (500 ml only for white)                                                                                                   |                                                                                    |
| Circulatory function  |               | Only white                                                                                                                                |                                                                                    |
| Maximum drawing width |               | 800 mm (31.5 inches)                                                                                                                      | 1,610 mm (63.4inches)                                                              |
| Media                 | Maximum width | 810 mm (31.9 inches)                                                                                                                      | 1,620 mm (63.8inches)                                                              |
|                       | Thickness     | 1.0 mm or less                                                                                                                            |                                                                                    |
|                       | Roll weight   | 45 kg (99.2 lb) or less                                                                                                                   |                                                                                    |
| Interface             |               | Ethernet 1000BASE-T, USB2.0 Hi-speed                                                                                                      |                                                                                    |
| Power                 |               | Body: Single-phase AC 100-120 V/<br>AC 200-240 V $\pm$ 10%, 50/60 Hz $\pm$ 1 Hz x 1                                                       |                                                                                    |
| Power consumption     |               | AC 100 V: 1 kW or less<br>AC 200 V: 1.3 kW or less                                                                                        | AC 100 V: 1.3 kW or less<br>AC 200 V: 1.75 kW or less                              |
| Certifications        |               | VCCI class A, FCC class A, ETL IEC 62368-1, CE Marking (EMC, Low voltage, Machinery directive, and RoHS), CB, REACH, Energy Star, RCM, KC |                                                                                    |
| Dimensions (WxDxH)    |               | 1,965 $\times$ 700 $\times$ 1,392 mm<br>(77.4 $\times$ 27.6 $\times$ 54.8 inches)                                                         | 2,783 $\times$ 700 $\times$ 1,392 mm<br>(109.6 $\times$ 27.6 $\times$ 54.8 inches) |
| Weight                |               | 126 kg (277.8 lb)                                                                                                                         | 166kg (366.0 lb)                                                                   |

## Ink specifications · Ink array

| Heat transfer pigment ink for DTF: PHT50 specifications |                                  |
|---------------------------------------------------------|----------------------------------|
| Ink name                                                | PHT50                            |
| Ink color                                               | 5 colors (C, M, Y, K, W)         |
| Packing form                                            | Aluminum pack                    |
| Capacity                                                | 600 ml (C, M, Y, K) , 500 ml (W) |
| Certification                                           | Eco Passport                     |

## Ink color set :



## Options

### 4cartridge additional option: OPT-J0572

Add white ink cartridges allows long-run production

●Some examples shown in this catalog are artificial renderings.●Specifications, designs and dimensions shown in this catalog may be subject to change without notice for technical improvements.●The corporate and merchandise names in this catalog are the trademarks or registered trademarks of the respective corporations.●Inkjet printers use extremely fine dots, so colors may vary slightly after replacement of print heads.●Also note that when using multiple printer units, colors could vary slightly from one unit to another due to slight individual differences.●Please note that descriptions and data in this catalog are as of September 2024.

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Tel. 888-530-3988



For  
**TEXTILES &  
APPAREL**

Heat Transfer Inkjet Printer

**TxF300 Series**  
**TxF300-1600 / TxF300-75**

**Mimaki**

## Sustainable Fabric Printing Solution



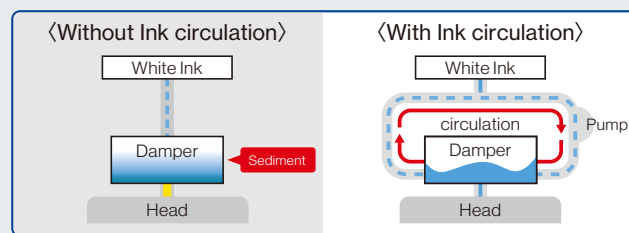
# A safe and stable DTF Printer (Direct to Film) with **Mimaki's** core technologies

Because  
it is  
Mimaki

**TxF300-1600/TxF300-75**, A DTF printer with Mimaki's core technologies for reliable production. Equipped with functions to support stable operation. Quality work can be easily performed by anyone, regardless of the skill level of the operator. We provide ongoing support for your work.



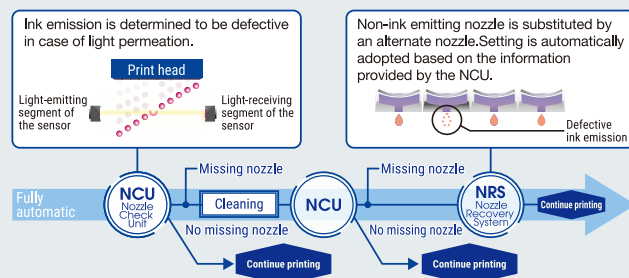
## Mimaki's core technologies for stable operation



### MCT Version2 (Mimaki Circulation Technology Version2)

Circulation through out ink route including damper\*, supports stable white ink ejection for reducing frequent nozzle cleaning and ink waste.

\*A filter above the head



### NCU (Nozzle Check Unit)

A sensor detects nozzle defect and nozzle cleaning performed automatically to reduce the material waste.

### NRS (Nozzle Recovery System)

Supports continuous production without waiting for service personnel, when nozzle defect is unrecoverable by nozzle cleaning.

\*The function may be limited by missing-nozzle position and amount

## Secured safety - Mimaki genuine Heat transfer pigment ink PHT50\*

Aluminum pack for degassed ink, implements stable ink ejection by reducing gas contamination of the ink and preventing nozzle defect. The use of plastic can be reduced compared to ink bottles, which also reduces environmental impact.

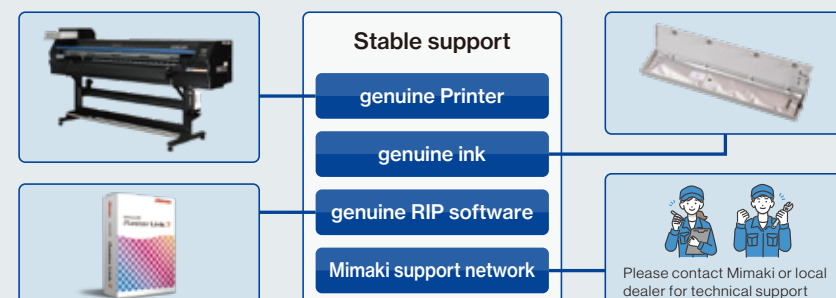


PHT50, Mimaki's first heat transfer pigment ink, has already acquired the "ECO PASSPORT" certification. ECO PASSPORT is an international standard for the safety of textile products. The "Eco Passport" is an international standard for the safety of textile products, and the safety of the ink is certified by a third-party organization. PHT50 is a safe and secure ink that reduces environmental impact.

\*Environmentally friendly ink that meets the world's top safety standards

## Secured safety Mimaki Brand

Mimaki for printer, ink and RIP software - One stop solution for printer, ink and RIP software provides the total support.



## Productivity increases! Mimaki's Pro-model DTF printer

Pro-model DTF printer delivers approx. 3 times productivity of its entry-model.

An even wider-pro-model joins the lineup, increasing its productivity by additional 30%<sup>1</sup>.

Expansion of custom T-shirts business is possible in a limited space!

<sup>1</sup> When using full-size DTF films.

### Wider-Pro-model TxF300-1600

Width: 1,610mm

Large T-shirts 84 pcs/h  
Production mode 720×720 6P 10.0 m/h

### Pro-model TxF300-75

Width: 800mm

Large T-shirts 62 pcs/h  
Production mode 720×720 6P 7.5 m/h

### Entry-model TxF150-75

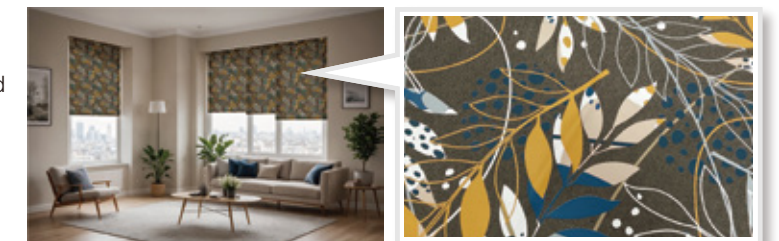
Width: 800mm

Large T-shirts 22 pcs/h  
Production mode 720×720 10P 2.6 m/h

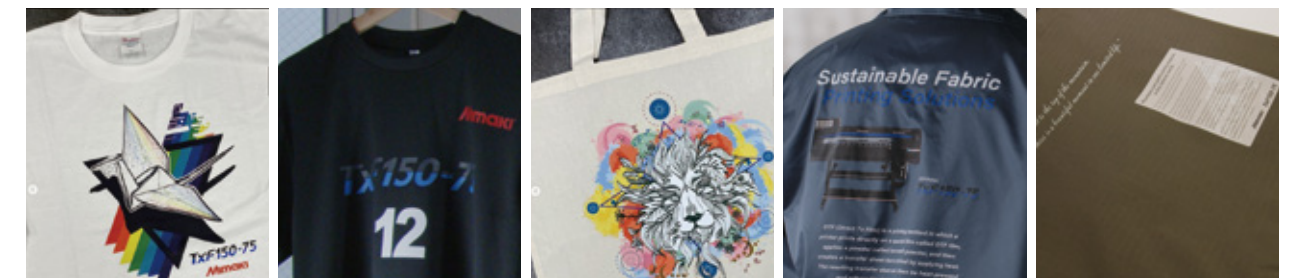
\*Print condition : H 280 mm x W 360 mm print graphics are printed on W 800 mm DTF film side by side

## A wider print size, widens your application

Larger print width further expands the application possibility. In addition to custom wear print on T-shirts and bags, it allows printing on interior fabrics, such as curtains and floor mats. DTF, it creates original design on dark-colored fabrics.



## Example of uses Enable to decorate various fabric by one DTF print system

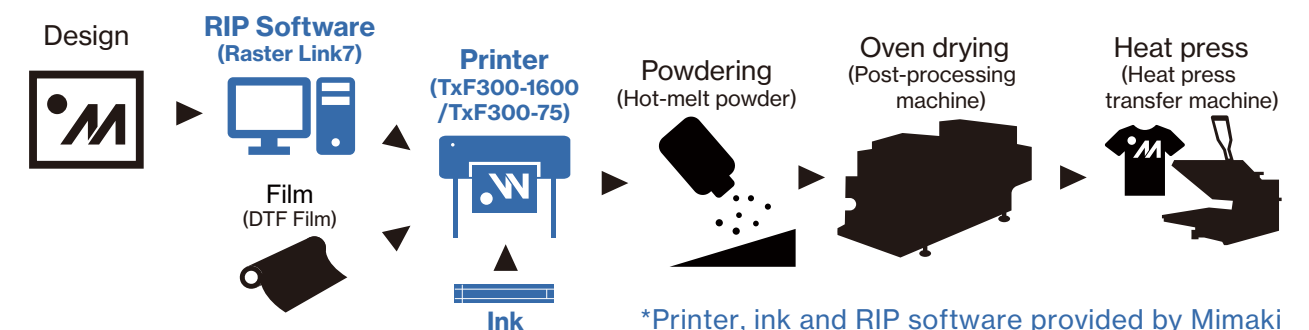


T-shirt (Cotton) Sportswear (Polyester) Tote bag (Cotton) Windbreaker jackets (Nylon) Knapsack (Polyester)

## What is DTF?

A printing method which prints directly on DTF film, sprinkles hot-melt powder, which is then heated and dried to form transferable ink layer. The ink layer is heat-pressed and transferred to a fabric such as T-shirt.

\*We offer our product in printer, ink and RIP software. Please contact local Mimaki distributors about DTF film, hot-melt powder, powder shaker, post-processing machine and heat press transfer machine.



\*Printer, ink and RIP software provided by Mimaki