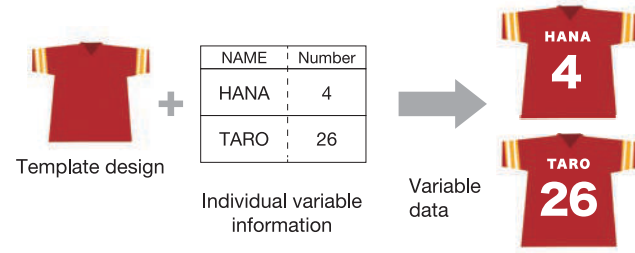


# Raster Link 7

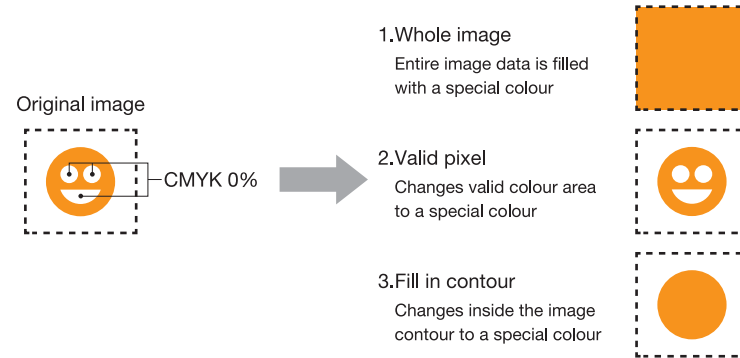
More useful and functional

**Variable print function - create individualised items**



## Special colour 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 colour plate.  
EPS, PS, PDF formats are supported.

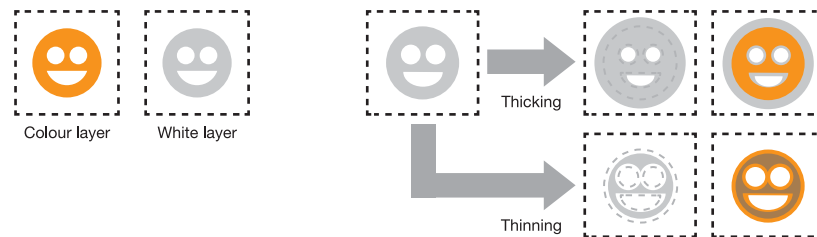


## Layer adjustment

White layer size and position are adjustable when it offsets from colour layer

<Size correction>

- Thicking : Expands white layer from the center
- Thinning : Shrinks white layer toward the center



<Position correction>

- Scan : Shifts the white layer left or right when adjustment value changes
- Feed : Shifts the white layer front or back when adjustment value changes



## Specifications

TxF150-75	
Print head	On-demand piezo head
Printing resolution	720dpi, 1,440dpi
Ink	Type / Colour
	Heat transfer pigment ink PHT50 (C, M, Y, K, W)
Capacity	600ml Ink pack (500ml only for white)
Circulatory function	Only white
Maximum drawing width	800mm
Media	Maximum width
	810mm
	Thickness
Roll weight	1.0mm or less
	45kg (99lb) or less
Interface	Ethernet 1000BASE-T, USB2.0 Hi-speed
Power	Body: Single-phase AC100-120V/AC200-240V±10%, 50/60 Hz±1Hz×1
Power consumption	AC100V: 0.9kW or less AC200V: 1.2kW 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 (W×D×H)	1,965mm × 700mm × 1,392mm (77 × 27 × 39 in)
Weight	126kg

## Ink specifications • Ink array

Water-based pigment ink for DPI: PHT50 specifications	
Ink name	PHT50
Ink colour	5 colours (C, M, Y, K, W)
Packing form	Aluminium pack
Capacity	600ml (C, M, Y, K), 500ml (W)
Certification	Eco Passport

Ink colour set :

Note: Mimaki offers the printer, the ink and the 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.

• 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 colours may vary slightly after replacement of print heads • Also note that when using multiple printer units, colours 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 April 2023.

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For  
**TEXTILES &  
APPAREL**

Heat Transfer Inkjet Printer

# TxF150-75

**Mimaki**

## Sustainable Fabric Printing Solution





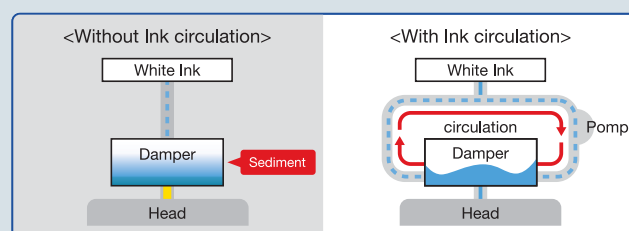
# A safe and stable DTF Printer (Direct to Film) with **Mimaki's** core technologies

Because  
it is  
Mimaki

**TxF150-75** is a DTF printer equipped with Mimaki's core technologies and innovative features for stable operation and reliable production. Quality work can be easily performed by anyone, regardless of the skill level of the operator. Plus, we provide ongoing support for your work.

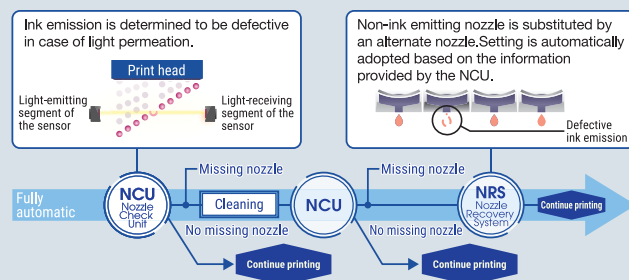


## Mimaki's core technologies for stable operation



**MCT Version2** (Mimaki Circulation Technology Version2)  
MCT enables circulation throughout the ink route, including the damper\*. This ensures stable white ink ejection, preventing frequent nozzle cleaning and ink waste.

\*A filter above the head



**NCU** (Nozzle Check Unit)  
NCU automatically checks for defective nozzles and starts a cleaning cycle to recover them.

**NRS** (Nozzle Recovery System)  
NRS automatically assigns operational nozzles when an outage is detected, enabling continuous production until a service personnel arrives.

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

## Dependable Mimaki genuine heat transfer pigment ink PHT50\*

The aluminium 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.

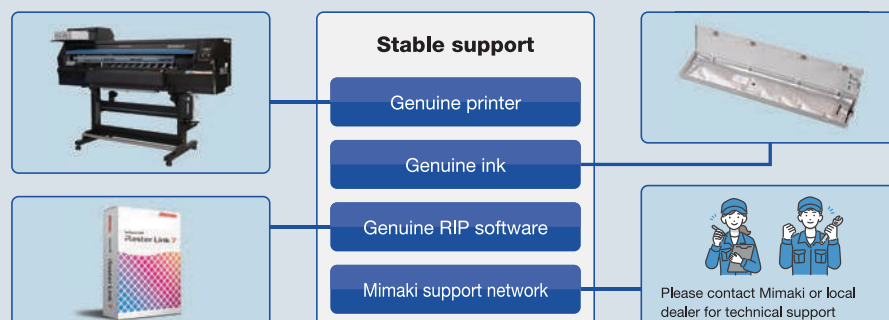


PHT50, Mimaki's first heat transfer water-based pigment ink is OEKO-TEX® ECO PASSPORT certified, an international standard for the safety of textile products. PHT50 is a safe and secure ink that meet the criteria for ecologically responsible textile manufacture.

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

## Reliable Mimaki Brand

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



Because  
it is  
DTF

DTF (Direct to Film) printing eliminates the need for fabric selection, plate making and pre-treatment, increasing product efficiency.

DTF method can work with a wide range of fabrics, including blended fabrics, polyester and cotton. It's also capable of printing on both light and dark coloured fabrics. Moreover, DTF avoids the time intensive process of plate creation in screen printing and the required weeding in the traditional rubber heat transfer method. The adoption of DTF printing solves various problems that have been a site challenge until now.

\*Depending on the film/powder, the available fabric can vary. Be sure to do a pre-assessment.

## Comparison with silk screen, heat transfer rubber sheet, and DTG

### Silk screen method



Requires the intensive process of plate creation. Difficult to print in full colour.

### Heat transfer rubber sheet method



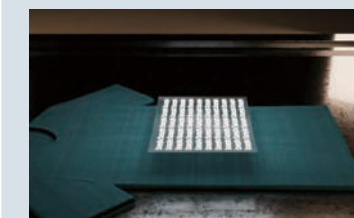
Takes time for weeding.

### DTG (Direct To Garment) method



Manual handling by the operator at every printing step.

### DTF (Direct To Film) method



No plates needed. No weeding. Printing processes can be operated unattended.

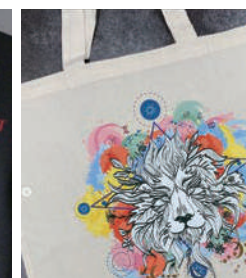
## Applications Decorate various apparel using just one DTF print system



T-shirt (Cotton)



Sportswear (Polyester)



Tote bag (Cotton)



Windbreaker jackets (Nylon)

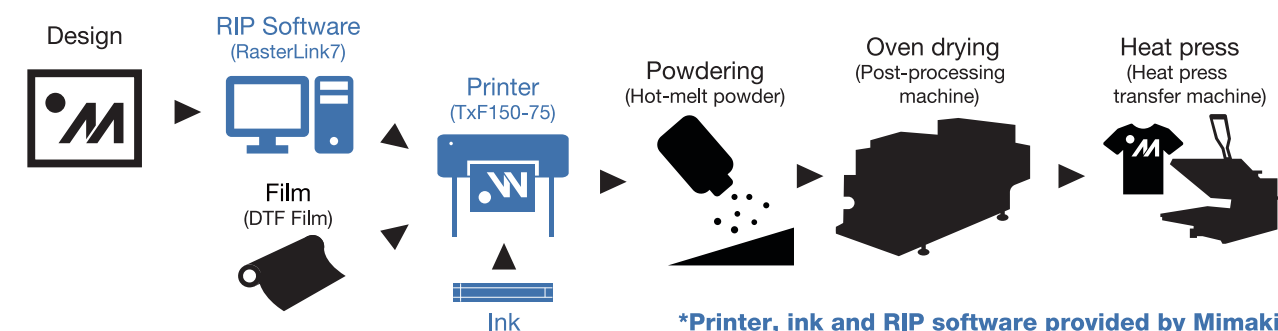


Knapsack (Polyester)

## What is DTF?

DTF printing provides an easy and affordable process for decorating apparel, most commonly T-shirts. The design is initially printed directly onto a special transfer film, which is then sprinkled with hot-melt powder. Once heated and dried, the transfer sheet is ready to be applied to the fabric using a heat press.

\*Mimaki offers the printer, the ink and the 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