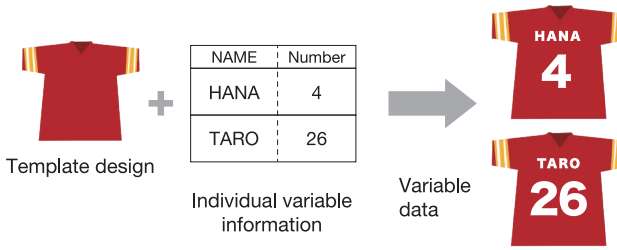


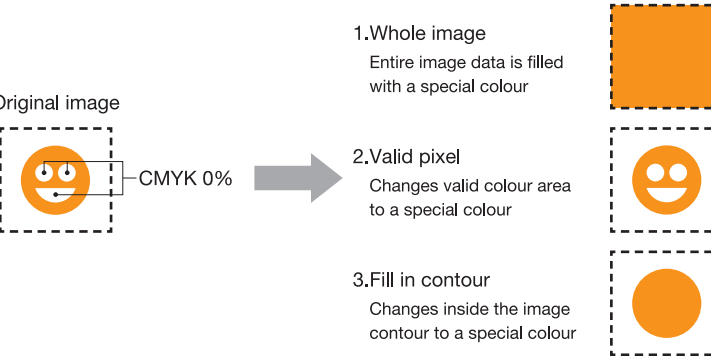
Raster Link 7

More useful and functional
Variable print function - create individualised items



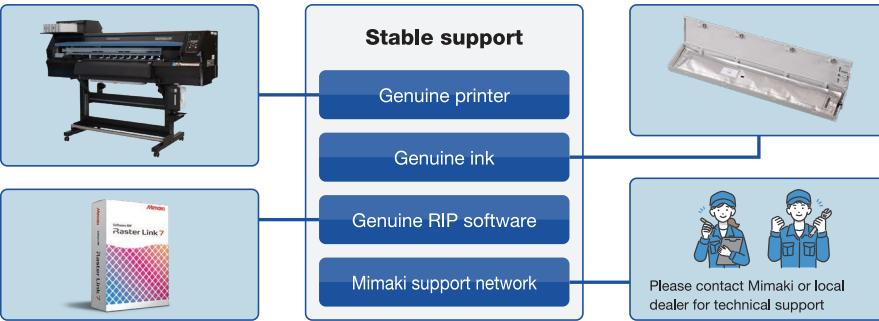
Special colour plate generation

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.



Reliable Mimaki Brand

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



Specifications

		TxF300-75	TxF150-75
Print head		On-demand piezo head	
Printing resolution		720 dpi, 1,440 dpi	
Ink	Type / Colour	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)	
Media	Max. width	810 mm (31.9 inches)	
	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/ AC 200-240 V \pm 10%, 50/60 Hz \pm 1 Hz x 1	
Power consumption		AC 100 V: 1 kW or less AC 200 V: 1.3 kW or less	AC 100 V: 0.9 kW or less AC 200 V: 1.2 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 x 700 x 1,392 mm (77.4 x 27.6 x 54.8 inches)	
Weight		126 kg (277.8 lb)	

Ink specifications • Ink array

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

Ink colour set :



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.

• 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 August 2023.



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For
TEXTILES &
APPAREL

Heat Transfer Inkjet Printer

TxF300-75

TxF150-75

Mimaki™

Sustainable Fabric Printing Solution



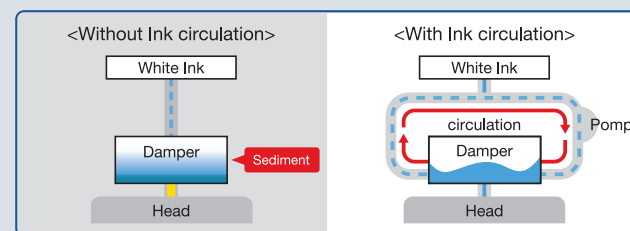
A safe and stable DTF Printer (Direct to Film) with **Mimaki's** core technologies

Because
it is
Mimaki

The TxF Series (TxF300-75 and TxF150-75) is a range of DTF printers 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.



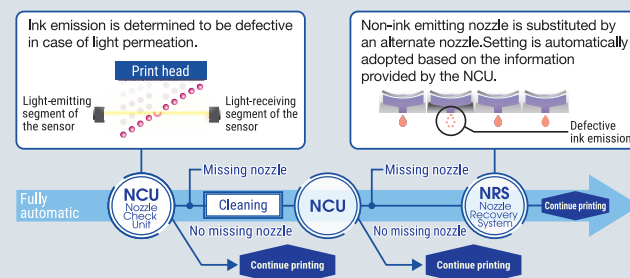
Mimaki's core technologies for stable operation



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.



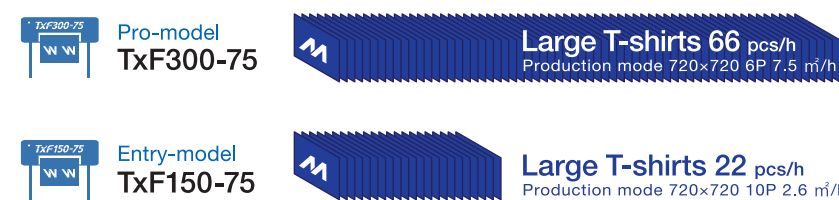
PHT50, Mimaki's first heat transfer water-based pigment ink is OEKO-TEX® ECO PASSPORT certified, an international standard for the safety of textile products. PHT50 is a safe and secure ink that meet the criteria for ecologically responsible textile manufacture.

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

Two models for different productivity needs

A Pro model (TxF300-75) and an entry-level model (TxF150-75) are available for customers to choose from, depending on their productivity and investment requirements.

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



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

Because
it is
DTF

DTF method can work with a wide range of fabrics, including blended fabrics, polyester and cotton. It's also capable of printing on dark coloured fabrics with greater colour density. 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



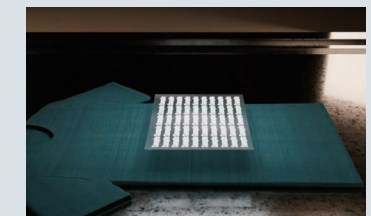
Takes time for weeding.

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.

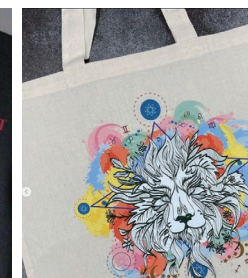
Applications Decorate various apparel using just one DTF print system



T-shirt (Cotton)



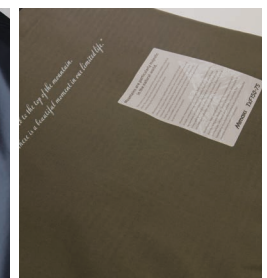
Sportswear (Polyester)



Tote bag (Cotton)



Windbreaker jackets (Nylon)

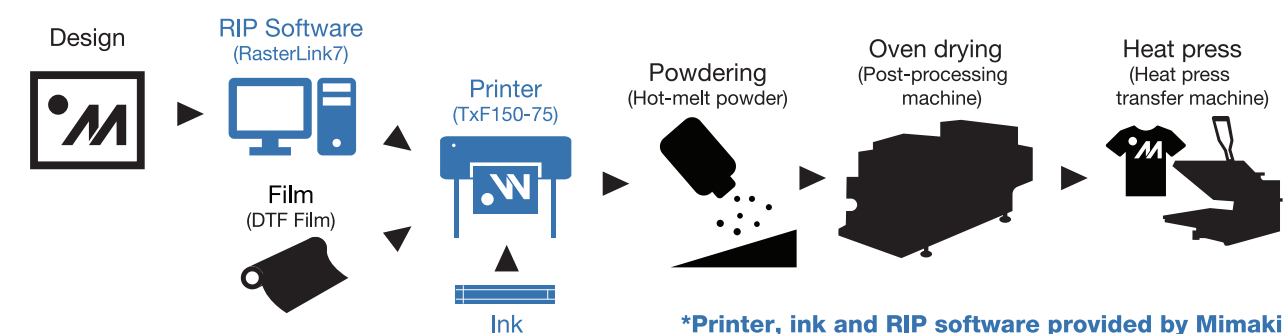


Knapsack (Polyester)

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