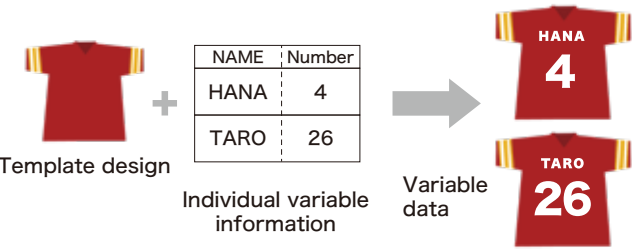


Raster Link 7

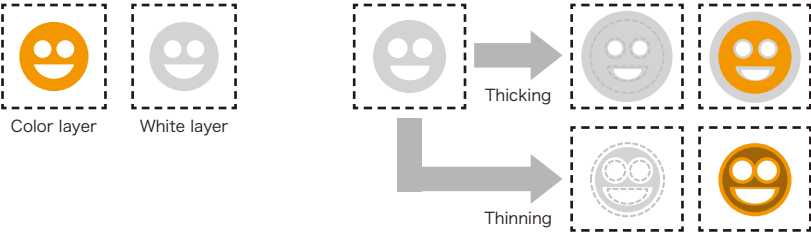
More useful and functional

Variable print function - one items in uniform



Layer adjustment

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

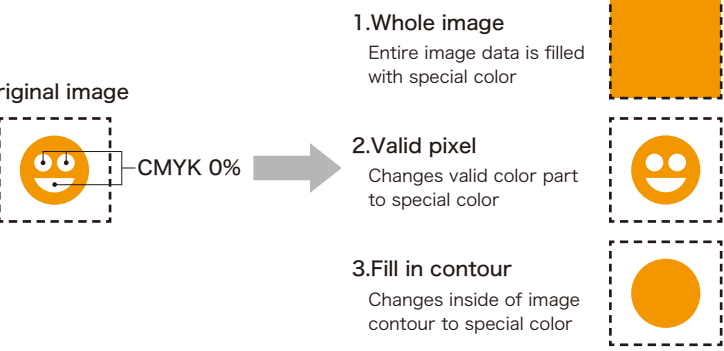


Specifications

TxF150-75		
Print head		On-demand piezo head
Printing resolution		720dpi, 1,440dpi
Ink	Type / Color	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	1.0mm or less
	Roll weight	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(WxDxH)		1,965mm × 700mm × 1,392mm(77 × 27 × 39 in)
Weight		126kg

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.



<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



Ink specifications・Ink array

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

Ink color set : C M Y K W W

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 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 May 2023.

Mimaki MIMAKI ENGINEERING CO., LTD.
2182-3 Shigeno-Otsu, Tomi-city, Nagano 389-0512, Japan
TEL: +81-268-64-2281

Mimaki Global Network

USA	MIMAKI USA, INC.	Europe	MIMAKI EUROPE B.V.
Brazil	MIMAKI BRASIL COMERCIO E IMPORTACAO LTDA	Indonesia	PT. MIMAKI INDONESIA
India	MIMAKI INDIA PRIVATE LIMITED	Australia	MIMAKI AUSTRALIA PTY. LTD.
Taiwan	MIMAKI ENGINEERING (TAIWAN) CO.,LTD.	China	SHANGHAI MIMAKI TRADING CO.,LTD.
Singapore	MIMAKI SINGAPORE PTE. LTD.	Thailand	MIMAKI (THAILAND) CO.,LTD.

For
TEXTILES &
APPAREL

Heat Transfer Inkjet Printer

TxF150-75

Mimaki™

Sustainable Fabric Printing Solution



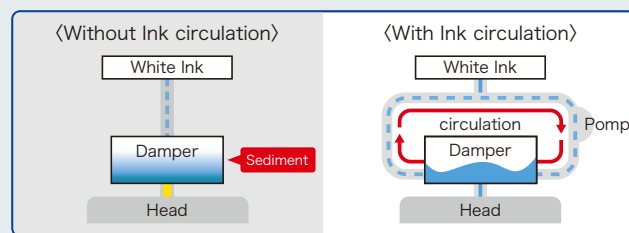
A safe and stable DTF Printer (Direct to Film) with **Mimaki's** core technologies

Because
it is
Mimaki

TxF150-75, 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.



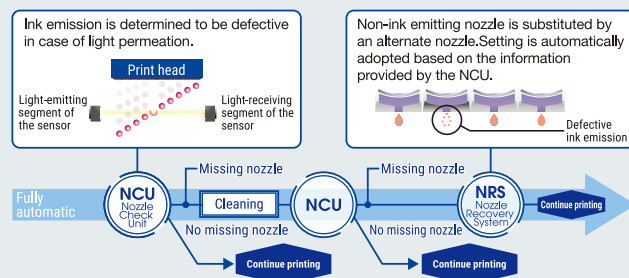
Mimaki's core technologies for stable operation



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.

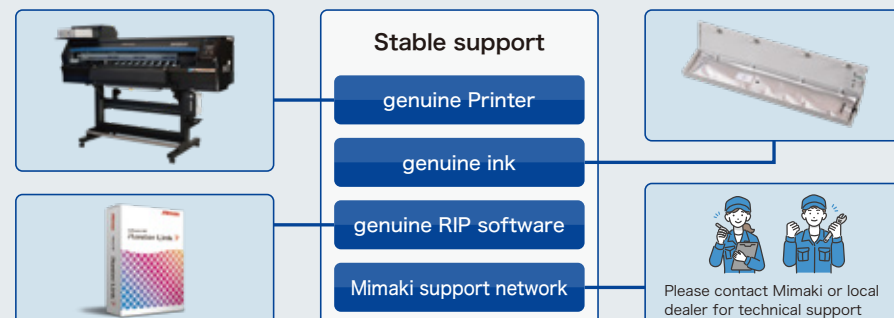


PHT50, Mimaki's first heat transfer pigment ink, has already acquired the "ECO PASSPORT" certification. ECO PASSPORT is an international standard for the safety of textile products. The "Eco Passport" is an international standard for the safety of textile products, and the safety of the ink is certified 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 - One stop solution for printer, ink and RIP software provides the total support.



Because
it is
DTF

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

DTF Method may be utilized for various fabrics, such as blended fabrics, polyester and cotton. Also capable for denser color print on T-shirts including dark colored ones. Moreover, weeding for rubber transfer method is unnecessary therefore production efficiency increases dramatically. The adoption of DTF printer solves the various problems that have been a site challenge to now, all at once.

*Depend on film/powder, available fabric varies. Be sure to do a pre-assessment.

Comparison of silk screen, heat transfer rubber sheet, DTG and DTF methods

Silk screen method



Need a plate.
Difficult to print in full color.

Heat transfer rubber sheet method



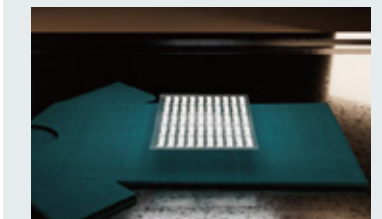
Takes time for weeding.

DTG (Direct To Garment) method



Manual handling by the operator at each printing step.

DTF method



No plate is needed. No weeding. Printing processes can be operated unattended.

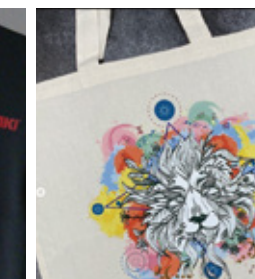
Example of uses Enable to decorate various fabric by one DTF print system



T-shirt (Cotton)



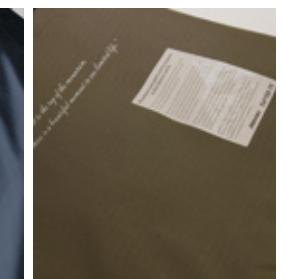
Sportswear (Polyester)



Tote bag (Cotton)



Windbreaker jackets (Nylon)

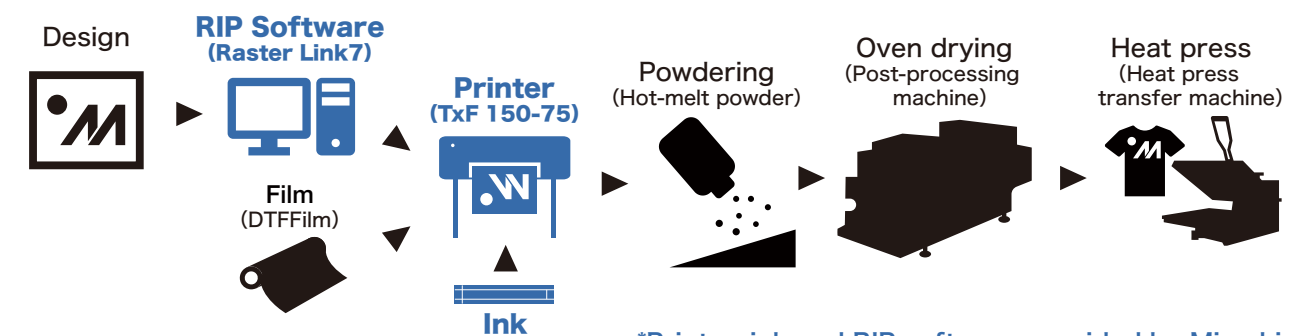


Knapsack (Polyester)

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