Reliable Mimaki Genuine Heat-Transfer Pigment Ink PHT50*

Eco cartridge ink with aluminum pack

By adopting an aluminium-pack ink delivery system and a degassed ink design, ink jetting issues are reduced, enabling stable and consistent output.



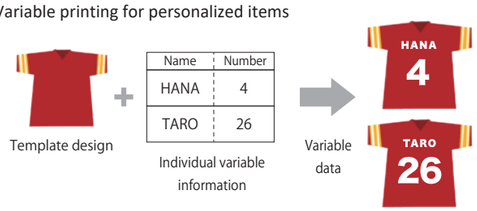
ECO PASSPORT Certified

All colours are ECO PASSPORT certified—required for OEKO-TEX®, the international safety standard for textile products—reducing environmental impact and supporting a safer working environment.

Raster Link 7

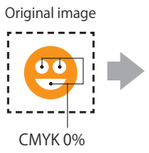
Combining ease of use with advanced functionality

Variable printing for personalized items



Special colour plate generation

The [Fill in Contour] function—ideal for DTF printing—converts vector objects and CMYK 0% areas into a special colour plate. EPS, PS, and PDF formats are supported.



1.Whole image
The entire image area is filled with special color.

2. Valid pixel
Only areas containing colour data are converted to special colour.

3. Fill in contour
Only the area inside the image contour is converted to special color.



Mimaki Cloud Technology PICT

PICT automatically collects operating status, ink usage, and error information, enabling accurate remote monitoring of printers and supporting more efficient business operations.

Operate machines remotely

MRA
(Mimaki Remote Access)

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

Specifications

Item		TxF330-800
Print head		On-demand piezo head (2 staggered layout)
Printing resolution		X: 600, 1200 dpi Y: 600, 900, 1,200 dpi
Ink	Type / Color	Heat transfer pigment ink PHT50 (C, M, Y, K, SB, PP, W)
	Capacity	Color: 600 ml, White: 500 ml Aluminum pack
Circulatory function		Only white
Maximum print width		800 mm (31.5 in)
Media	Maximum width	810 mm (31.9 in)
	Outer dia	Φ250 mm (9.8 in) or less
	Roll weight	45 kg (99.2 lb) or less
	Core dia	2 in / 3 in
Interface		Ethernet 1000 BASE-T, USB2.0 Hi-speed
Power		Single-phase AC100-120 V / 200-240 V±10 %, 50/60 Hz±1 Hz
Power consumption		AC 100-120 V: 800 W or less, AC 200-240 V: 1.1kW 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 x D x H)		2,084 mm x 700 mm x 1,389 mm (82.0 x 27.6 x 54.7 in)
Weight		161 kg (354.9 lb)

Ink

Item	Colour	Item Code
Heat Transfer Pigment Ink PHT50 Aluminum Pack ECO PASSPORT Certified ink	Cyan	PHT50-C-60
	Magenta	PHT50-M-60
	Yellow	PHT50-Y-60
	Black	PHT50-K-60
	Sky Blue	PHT50-SB-60
	Pale Pink	PHT50-PP-60
	White	PHT50-W-50

Please prepare all necessary ink packs when setting up the ink colour set.

Ink Colour Set

4-Colour+W



6-Colour+W



Precautions
Mimaki provides the printer, ink, and RIP software. Customers are advised to conduct thorough prior evaluations when considering the film, powder, shaker (post-processing machine), and heat press transfer machine required for the DTF printing process.

●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 2026.

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DB30363-01

DTF (Direct-to-Film) Printer

TxF330-800



Two styles to choose from, tailored to your workflow.

Productivity-Focused Workflow

[High productivity with reliable quality]

Even at 1.5 × productivity, achieve dense, beautiful solids and smooth gradations.

*Compared to previous models



Outstanding image quality powered by the flagship 330 Engine



Uniform, beautiful solid fills
High-density printheads deliver excellent image quality even at high speeds



Smooth gradations with reduced graininess
Precise control of droplets as small as 4 pl

*High-volume production of large-format graphic T-shirts at approx. 90 pieces per hour**

TxF330-800
Max width: 800 mm

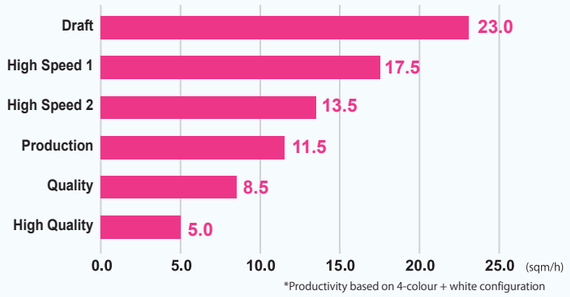
Large T-shirts 94 pcs/h
Production mode 600×1200 6P 11.5 sqm/h

Conventional model
Max width: 800 mm

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

Print condition: H300 mm x W400 mm graphics are arranged on a full-size DTF film and printed.
*Varies depending on design margins and print settings. Values are not guaranteed.

A wide range of print modes to match your design needs



*Productivity based on 4-colour + white configuration

Draft
Light-colour or white-only designs



High Speed 1
High-density output with high-speed printing



Creativity-Focused Workflow

[Vivid colour output enabled by 6-colour inks]

The addition of Sky Blue & Pale Pink delivers even more vibrant colour output.



Sky Blue

SB

Delivers clear,vivid blues and beautifully saturated greens

Conventional model



TxF330-800



Pale Pink

PP

Creates impactful, vivid pinks and striking reds that stand out

Conventional model



TxF330-800



Expand your business through creative versatility

Smooth skin tones without graininess

Even skin tones prone to graininess and delicate hair gradations are rendered smoothly, delivering beautiful and accurate results for applications that demand high reproducibility.



Take print quality to the next level

From logos to intricate details, target colors are reproduced with precision delivering a finish that instantly communicates your brand identity.



Reduced Operator Workload for Reliable Long-Run Production



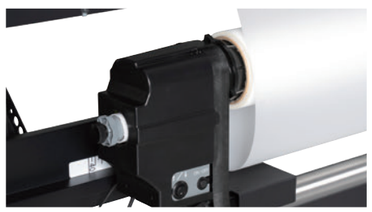
Non-stop printing on 100 m roll DTF film

- Supports up to 4 litres of white ink
- Continuous operation without interruption, even for long overnight jobs



Replace ink without stopping production

- Auto-switches to another cartridge when ink runs out
- Empty cartridges can be replaced during printing

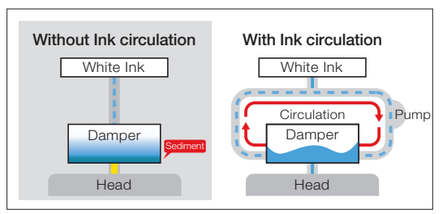


Enhanced reliability for high-speed and long-run printing with a new media transport system

- The newly developed MFT* ensures high-precision quality, even during extended long-run printing

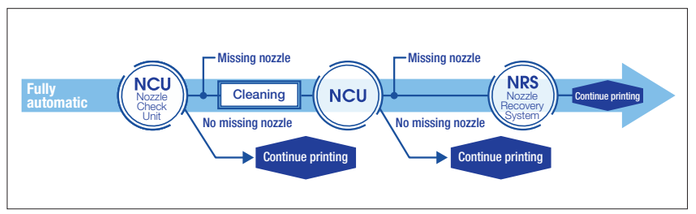
*Mimaki Feed Tension Technology

Stable, Reliable Production Powered by Mimaki Core Technologies



MCT Version2 (Mimaki Circulation Technology 2)

Full ink circulation system stabilizes white ink discharge.
Reduces ink waste during nozzle cleaning for more efficient operation.



NCU (Nozzle Check Unit)

A sensor detects missing nozzles and automatically performs cleaning, preventing defective output and reducing material waste.

NRS (Nozzle Recovery System)

If a nozzle cannot be recovered, printing continues using substitute nozzles—ensuring uninterrupted production.

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