

# Mimaki's first Direct to Film printer

## TxF150-75



**A reliable & stable machine**  
packed with Mimaki's technology



**NEW**  
**Mimaki**  
**DTF**



**OEKO-TEX®**  
INSPIRING CONFIDENCE  
**ECO PASSPORT** 

## Mimaki TxF150-75 Features

### Stable Operation

Built in circulation function and degassed ink ensures stability in printing, whilst Mimaki's Core Technologies assist in maintaining continuous output.

### Proven Mimaki Technology

Mimaki's textile heritage and record of innovation ensures a premium quality solution.

### ECO Passport certified inks

Mimaki DTF PHT50 water based pigment inks are OEKO-TEX certified, and available in 500/600ml aluminium packs.

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Unit 2 Impact Park, Willenhall Lane,  
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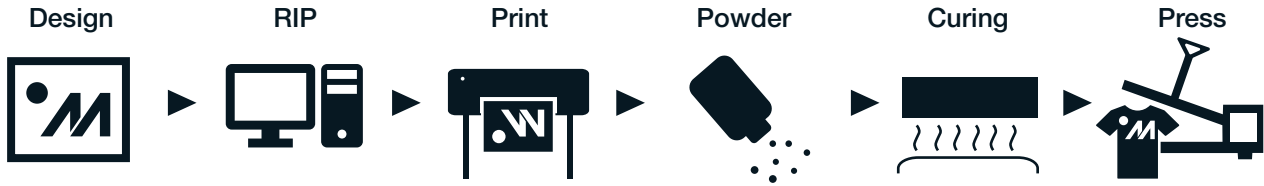
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# The Direct to Film (DTF) Process:



TxF150-75 Machine specifications	
Recommended print speed	2.6m <sup>2</sup> /h (720x720 10pass Bi Hi)
Max. print width	800mm
Max. media width	810mm
Media thickness	1.0mm or less
Roll weight	45kg
Interface	USB2.0 Hi-speed, Ethernet 1000BACE-T
Power specifications	Single phase AC100-120V/200-240V±10%, 50/60Hz±1Hz x1
Working environment	Temp: 20-30°C, Humidity: 35-64% RH (Without condensation)
Machine size	1,965mm x 700mm x 1,392mm
Machine weight	126kg
White Circulation Function	Installed
Nozzle Recovery Function	Installed
Media Cutter	Installed
RIP	RasterLink7 (Included)

Water-based pigment ink specifications	
Ink name	PHT50
Colours	5 colours (C/M/Y/K/W)
Packaging	Aluminium pack
Volume	600ml (CMYK), 500ml (W)
Certification	Eco Passport

## Ink arrangement



\*The above specifications are subject to change without notice.

In addition to a Mimaki TxF150-75, the following components are required to complete a functioning DTF printing system:  
DTF Film, Hot Melt Powder, Post Processing Machine, Heat Transfer Press.

## Recommended Specifications

DTF Film
The film should have a thin, uniform surface receiving layer with minimal unevenness. This tends to promote easy peeling during heat pressing and has a higher fastness.

Hot Melt Powder
The hot melt powder should be made from polyurethane PU and have a particle size of around 200µm.

Post Processing Machine	
Operating temperature:	140 - 180°C
Drying Time:	> 90 seconds
Machine Opening:	< 920mm from the floor
Take-Up Device:	Minimum load of 18kg
Sensor:	For automatically controlling the feed rate during transportation
Cooling fans:	For film
Exhaust:	2-4m <sup>3</sup> / minute or more

Heat Transfer Press	
Transfer Temperature:	> 140°C

Results may vary depending upon the combination of DTF film and hot melt powder, drying conditions etc. It is therefore necessary to test conditions in advance.

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