

TxF300 Series



The Mimaki TxF300-1600 printer is a production wide format direct-to-film (DTF) model for transfer applications. It offers increased productivity through a wider media width of 63 inches and print speeds of up to 108 square feet per hour. Its excellent white ink adhesion capability through ink circulation technology prevents sedimentation. Users can count on consistent quality with a three-way intelligent heater to accelerate ink drying. This model can print skin-friendly textiles with OEKO-TEX® ECO PASSPORT Certification of Mimaki PHT50 inks. The TxF300-1600 printer enables the creation of intricate designs on an expansive range of textiles.

Specifications

NA Warranty	1 Year
LATAM Warranty	1 Year
Heads	2
Head Type	On-demand piezo
Dropet Technology	Variable / Grayscale
Head Series	Mimaki

For best results, always use Mimaki original inks.

Head Arrangement	Staggered	
Channels	8	
Nozzles per Channel	180	
Print Nozzles	2 heads x 180 nozzles x 8 rows	
Print Resolution	1440 X 1440	
Minimum Dot Size	7pl	
Head Gap	Manual 0.5mm Adj.(2.0/2.5/3.0mm)	
Max Media Width	TxF300-75	TxF300-1600
	31.89 in (810.00 mm)	63.78 in (1620.00 mm)
Max Media Thickness	0.04 in (1.00 mm)	
Max Media Dia	9.84 in (250.00 mm)	
Max Media Weight¹	45 or less	
Media Cores	2 inch, 3 inch	
Max Printing Width	31.50 in (800.00 mm)	
Color LCD Control Panel	Yes	
Nozzle Check Unit (NCU)	Yes	
Integrated Media Cutting	Yes	
Media Heaters	3 - Pre, Print, Post	
ID-cut	Yes	
RIP	RasterLink7	
PICT	Yes	
Mimaki Remote Access (MRA)	Yes	
Connection Interface	Ethernet 1000BASE-T, USB 2.0 Hi-speed	
Dimensions	TxF300-75:	77.36 in (1965.00 mm) X 27.56 in (700.00 mm) X 54.80 in (1392.00 mm)
	TxF300-1600:	109.57 in (2783.00 mm) X 27.56 in (700.00 mm) X 54.80 in (1392.00 mm)
Weight	TxF300-75	TxF300-1600
	396.90 lb (180.00 kg)	471.87 lb (214.00 kg)
Required Power	Single phase AC100~120V/200~240V±10%, 50/60Hz±1Hz	

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Power Consumption - Max	1000W or less
Power Consumption - Avg	170W or less
Power Consumption - Sleep	4.9W or less
Standby	Not more than 45 dB
Continuous Operation	Not more than 65 dB
Temperature	68-86F (20-30C)
Guaranteed Accuracy	68-77F (20-25C)
Humidity	35~65%RH(Non-condensing)
Dust Level	Equivalent to general office
Max Printing Speed	107.64 sqft (10.00 sqm)
MPS Print Mode	4C + White 720x720 4Pass
Machine Certifications	VCCI Class A / FCC Class A / IEC 62368-1 compliant ETL / CE marking (EMC Directive, Low Voltage Directive, Machinery Directive) / CB Certification / ROHS / REACH / Energy Star / RCM (Australia) / KC (Korea)
Ink Type/Color	Direct-To-Film (DTF) PHT50 CMYK W

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Print speeds are based on factory tests. Total throughput depends upon front-end driver/RIP, file size, printing resolution, ink coverage, network speed, etc. For best performance, always use Mimaki original inks. Specifications are subject to change without notice.

All specifications are subject to change; consult your authorized Mimaki representative for current information.

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Rev. 9/25/26

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