Specification Sheet

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 TxF3oo-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 Acccuracy	68-77F (20-25C)
Humidity	35~65%RH(Non-condensing)
Dust Level	Equivalent to general office
Max Printing Speed	107.64 sqft/hr (10.00 sqm/hr)
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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