Specification Sheet

TxF300 Series

The Mimaki TxF Series of direct-to-film (DTF) printers are designed for heat transfer textile applications. Choose from entry-level, mid-range or wide-format production models to produce intricate designs on an expansive range of fabrics, from cotton, mixed textiles, polyester, and even darker shades.

Specifications

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

For best results, always use Mimaki original inks.

Head Series	Mimaki
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)

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Required Power	Single phase AC100~120V/200~240V±10%, 50/60Hz±1Hz
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 (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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