Specification Sheet

TS55-1800

Specifications

NA Warranty	1 Year
LATAM Warranty	1 Year
Heads	2
Head Type	Dual On-demand piezo
Droplet Technology	Variable / Grayscale
Head Series	Mimaki
Head Arrangement	Staggered
Channels	8
Nozzles per Channel	420
Print Nozzles	2 Dual heads x 420 nozzles x 4 rows
Print Resolution	1200 X 720
Minimum Dot Size	5pl
Head Gap	Manual 0.5mm Adj.(2.8/3.3/3.8mm)
Max Media Width	**TS55-1800** 76.77 in (1950.00 mm)
Max Media Thickness	0.01 in (0.25 mm)
Max Media Dia	9.84 in (250.00 mm)
Max Media Weight1	45
Media Cores	2 inch, 3 inch
Max Printing Width	63.39 in (1610.00 mm)
Color LCD Control Panel	Yes
Nozzle Check Unit (NCU)	Yes

For best results, always use Mimaki original inks.

Integrated Media Cutting	Yes
Media Heaters	1 - Post, 1 - Optional
Ink Tanks	Optional 10Kg
ID-cut	Yes
RIP	RasterLink6 Plus & TxLink4
Connection Interface	Ethernet 1000BASE-T, USB 2.0 Hi-speed
Dimensions	**TS55-1800:** 127.56 in (3240.00 mm) X 28.07 in (713.00 mm) X 73.11 in (1857.00 mm)
Weight	**TS55-1800** 445.41 lb (202.00 kg)
Required Power	AC100~120V, 200~240V 50/60Hz
Power Consumption - Max	1440W or less
Power Consumption - Avg	1440W or less
Standby	Not more than 58 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	1453.13 sqft/hr (135.00 sqm/hr)
MPS Print Mode	4 Color 480x600 1Pass
Machine Certifications	VCCI-Class A, FCC-Class A, ETL conforming to IEC 62368-1, UL 60950, CE Marking (EMC,Low Voltage Directive, Machinery Directive, RoHS Directive), CB Report, RoHS, Energy Star, RCM, EAC
Ink Type/Color	Transfer Sublimation | Sb610 BlMYK Lb, Lm, Lk, Fp, Fy

Please visit us at: https://www.mimakiusa.com

For best results, always use Mimaki original inks.

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.

Mimaki is a trademark of Mimaki Engineering Co. Ltd. Copyright 2026, Mimaki USA, Inc. Rev. 9/28/26

For best results, always use Mimaki original inks.