

<Direct Sublimation>High-Speed Inkjet Printer



Mimaki™

TX500-1800DS



High speed meets high productivity

Max Print Speed
150m²/h



*Printing on pre-treated polyester fabrics



Lower ink cost

New developed ink<Sb300>



The 2 liter bottles of "Sb300" offer a more affordable price than conventional ink. Furthermore, this ink produces brilliant color and dries fast.



Mimaki Degassing Module: MDM-20

Improved ink dot placement
Ink supplied by bottles instead of packages

The "Tx500-1800DS" comes with "MDM-20", which eliminates the gasses and bubbles inside the ink. This module enables the printer to use bottled inks instead of conventional degassed ink packs, thereby reducing ink costs.



<RasterLink6> Newly developed RIP <TxLinkPro> Optional RIP with color separation ability

The new "RasterLink6" contains various new features, including a color replacement function. This gives printed images a variety of options. The Optional RIP "TxLinkPro" also has color separation ability.



Advanced capabilities designed for usability

Mimaki's unique "AMF" -system ensures stable feeding /take-up of heavy media. Roll-up media of up to 60kg and 300mm in diameter can be set. Because of this, there is no need to frequently change the media, meaning large orders can be handled smoothly and without interruption due to continuous printing.

*AMF=Auto Media Feeder



Indoor and outdoor soft signage



Flag



Textile

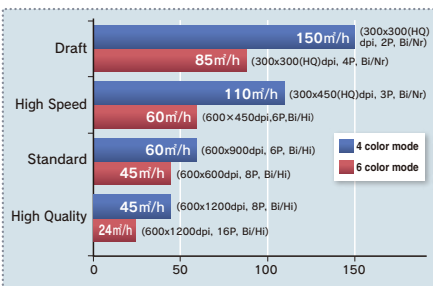


Interior fabric



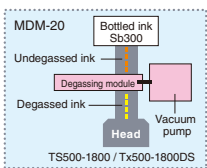
Point 1 Print speed of 150 m²/h on transfer paper

The "Tx500-1800DS" is equipped with newly developed print heads (Six print heads with three staggered) and achieves print speed of 150 m²/h. Expand your business opportunity with this improved print speed.



Point 2 MDM-20 increases inkjet-ability and reduces ink costs.

The Mimaki degassing module "MDM-20" eliminates the gasses or bubbles inside the ink. This means nozzle blockage is lessened and the accuracy of ink dot placement is improved. In addition, this module enables the printer to use undegassed bottled inks instead of conventional degassed ink packs, thereby reducing ink costs.



*MDM=Mimaki Degassing Module

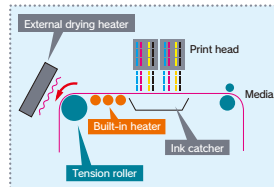
Point 3 Advanced capabilities designed for usability

Tension roller ensures stable feeding / take-up of polyester fabrics

The tension roller optimizes the tension of print fabrics and prevents loose media feed / take-up. Therefore, beautiful prints are assured. Moreover, "AMF"-system also ensures stable feeding /take-up of heavy rolled media by adjusting the tension. There is no need to constantly monitor the printer during high volume printing.

A built-in heater accelerates the drying time of printed media

A built-in heater accelerates the ink drying time by heating the media after printing. In addition, the external drying heater (optional) helps ink dry much faster. This reduces the occurrence of ink set-off, even during high-speed printing.



Mist absorption filter

The mist absorption filter prevents issues caused by ink mists and enhances the stability of print operations by suctioning the mist inside the printer and discharging it.

UISS (Uninterrupted Ink Supply System)

Two ink bottles per color can be set in 4-color mode. When an ink bottle runs out, another bottle of the same color automatically starts supplying ink.

User friendly RIP "RasterLink 6" comes standard

RasterLink 6

- Professional and advanced print results are easily achievable thanks to the improved user friendly interface.
- The color replacement function enhances the ability to re-create printed images.
- Printing color can be simulated on Illustrator / Photoshop without an actual print.
- Program updates and profile downloads can be easily performed via internet.

Software RIP for Multi Color Separation

TxLINK Pro

- Spot color can be assigned to each color on separation plates.
- ICC profile creation from CMYK + spot colors.
- Color replacement on Raster data.
- A variety of paneling functions including step-and- repeat layout.

Specifications

Item	Tx500-1800DS
Head	On-demand Piezo head (6 printheads with 3 staggered conformation)
Maximum width	1,820 mm (71.7")
Print resolution	300, 450, 600, 900, 1,200 dpi
The fastest print speed	150m ² /h (300x300(HQ)dpi, 2 pass, Bi-directional, Normal speed, 4-color)
Print mode	4 color (Uni- / Bi-directional) 300x300dpi, 300x300HQ, 300x450HQ, 600x600dpi, 600x900dpi, 600x1200dpi 6 color (Uni- / Bi-directional) 300x300dpi, 300x300HQ, 600x450dpi, 600x600dpi, 600x900dpi, 600x1200dpi
Ink	Sublimation Ink Sb300 6 color (B, M, Y, Bk, LBl, LM) Ink supply system 2L bottle / each color Ink degassing module Equipped with MDM-20
Media	Type Pre-treated polyester fabrics Width Maximum: 1,910 mm (75.2"), Minimum: 297 mm (11.7") Thickness Up to 1.0 mm Weight Up to 60 kg (132lbs) Print aspect Inside / outside Roll diameter External: φ300 mm (11.8"), Inside: φ76 mm (3.0")
Drying device	Built-in back drying heater External drying heater (Optional)
Media take-up device	Roll take-up device, inside / outside selectable / 3 inch paper core
Print gap	1.5 mm~7.0 mm (Stepless adjustment)
Interface	USB2.0
Applicable standard	VCCI class A, FCC class A, UL60950-1, RoHS directive CE Marking (EMC, Low voltage and Machinery directive), CB Report
Power specification	Single-phase AC 200~240 V, 20 A or under
Power consumption	Less than 4,800W
Operational environment	Temperature: 20°C-30°C (64-86 °F); Humidity: 35-65 % RH (non condensing)
Dimensions (WxDxH)	3,810x1,400x1,700 mm (150.0"x55.1"x66.9") (*1)
Weight	750 kg (1,653lbs)

*1 Ink supply unit is not included in the dimensions

Applicable ink

Item	Item No.	Remarks
Dye Sublimation Ink Sb300	Blue	SB300-BL-BB
	Magenta	SB300-M-BB
	Yellow	SB300-Y-BB
	Black	SB300-KB-BB
	Light blue	SB300-LBL-BB
	Light magenta	SB300-LM-BB
	Flushing liquid	FL003-Z-BB
Maintenance kit	SPA-0188	SPA-0189, 0190, goggles and clean stick 10 pcs
Head filter replacement kit	SPA-0189	HF filter 20 pcs
Mist absorption and exhaust fan filter replacement kit	SPA-0190	Fan filter 30 sheets
Wiper replacement kit	SPA-0193	Wiper rubber 2 pcs
Cap rubber replacement kit	SPA-0194	Cap rubber 6 pcs
Air filter replacement kit	SPA-0195	Filter element 2 pcs
Ink filter replacement kit	SPA-0196	
Waste ink tank SL	SPA-0197	1 pc
Clean stick for head surrounding	SPC-0527	50 pcs
Washing bypass jig kit assy	OPT-J0320	1 set

Relative Product

<Transfer Sublimation>High-Speed Inkjet Printer
TS500-1800



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Our factory is certified according to ISO14001:2004

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