

# TS55-1800

SUBLIMATION TRANSFER PRINTER

## Sustainable Fabric Printing Solution

EXPERT PRINTING  
MADE EASY



Fabric  
Printer

Width: 1.8m

# SOURCE OF DIGITAL SOLUTIONS

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Digital Star Qatar has been leading the digital solution in Doha, for more than 10 years as a supplier and distributors for the digital sector. Our commitment to providing the best quality machinery with advanced technology, which can help your business to expand more with successful outcomes.

The world has enabled us the opportunity to set ultra-standards in signages and digital printing industries. DSQ has developed into a true trendsetter and a reliable destination for customers seeking wholesale solutions. We help the sectors like sign makers, digital print houses, POS/POP makers, fit-out companies, event managements, and glass & aluminium fabrication industries. we promise to take your business to stand head.



***Best A Grade Quality &  
Innovative Products***



# PRODUCTION WIDE-FORMAT SUBLIMATION TRANSFER PRINTER



## Core Tech delivers Unbeatable Technology

MIMAKI'S UNIQUE CORE TECHNOLOGIES ENSURE UNATTENDED, CONTINUOUS PRINTING OPERATION

### THE (R)EVOLUTION OF TEXTILE PRINTING

Designed for users that demand productivity at high quality on high speed. The TS55-1800 delivers just that. Utilized with a plotter roll for small runs or with a mini jumbo roll for long runs, the TS55-1800 grows alongside with your company.

- Possible to print on high resolution (480 x 600DPI) with a higher ink density using one-pass printing at 140m2/h
- Continuous operation with Mimaki's Nozzle Check Unit and the Nozzle Recovery System
- Upgraded with the newest TxLink4. This dedicated textile RIP software features new functionalities and improvements on usability
- With the Optional Mini Jumbo Roll it reaches a level of productivity at market disruptive pricing2
- Available in very competitive 2L packs or low cost 10L tanks, the new Sb610 ink sets allows you to grow your business profitably

#### STABLE PRODUCTION



**NCU**  
**Nozzle Check Unit** automatically checks nozzle status & executes cleaning cycle when required



**NRS**  
**Nozzle Recovery System** substitutes defective nozzles to ensure uninterrupted printer operation



**UISS**  
**Uninterrupted Ink Supply System** Continuous ink replenishment through auto-switching of ink packs

#### HIGH IMAGE QUALITY



**MAPS**  
**Mimaki Advanced Pass System** reduces banding by dispersing ink drops between passes



**VARIABLE DOT**  
delivers high density print by removing the gap between dots

# TxLink4<sup>TM</sup> Lite

Parallel RIP and load balancing functions  
Boost efficiency by simultaneously performing multiple RIP functions and automatically assign jobs to vacant printers.\*1

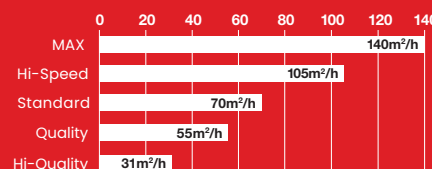
Mimaki's TxLink4 dedicated textile RIP software features new functionality and usability improvements.

### 16-bit rendering

Photographic images and vector graphics are rendered with smooth tonal gradations delivering high quality output, improved colour subtlety and impressive detail.

## HIGH QUALITY OUTPUT AND PRODUCTIVITY

The Mimaki TS55-1800 features a newly developed print head technology that enables the machine to print at 480x600dpi with high ink density using one-pass printing at 140m<sup>2</sup>/h. In addition, Mimaki's unique Advanced Pass System (MAPS), which eliminates banding, is available from two-pass printing mode.



## NEWLY DEVELOPED SB610 INKS

Available in competitively priced 2L packs and low cost 10kg tanks, the new Mimaki Sb610 inks enable businesses to grow profitably and effectively. ECO PASSPORT certified by Oeko-Tex® (an independent verification process demonstrating the safety for use in sustainable textile production), Mimaki Sb610 inks offer strong environmental credentials and high colour yield.

4-colour mode: ● ● ● ●

Available in 10kg tanks and 2litre packs

6-colour mode: ● ● ● ● ● ●


Only available in 2litre packs



# MIMAKI TS55-1800 THE (R)EVOLUTION OF TEXTILE PRINTING



**CREATE:** Fashion | Sportswear | Apparel | Home Furnishings | Textile Graphics | Point of Sale | Sublimated products | Promotional items | and much more...



BRING YOUR  
FRESHEST IDEAS  
TO MARKET FASTER  
AND MORE COST  
EFFECTIVELY THAN  
EVER BEFORE  
WITH MIMAKI'S  
(R)EVOLUTIONARY  
DYE SUBLIMATION  
PRINTER - THE NEW  
TS55-1800

Designed for users that demand productivity at high quality and high speed, the Mimaki TS55-1800 delivers. Utilised with a plotter roll for small runs or with a mini jumbo roll for long runs, the TS55-1800 grows alongside your company for the creation of spectacular fashion, apparel, sportswear, furnishings and textile PoS graphics.

## LOWEST RUNNING COSTS IN ENTRY AND MID LEVEL SECTORS

With the new, first-in-its-class Mini Jumbo Roll, the TS55-1800 is capable of loading up to 2,500 linear metres of Mimaki Vision Jet-X coated transfer paper (57g/m<sup>2</sup>). In combination with 10kg ink tanks, the TS55-1800 delivers a new level of efficiency and significantly reduces the cost per square metre. The Mini Jumbo Roll also improves productivity due to reduced media replacement.



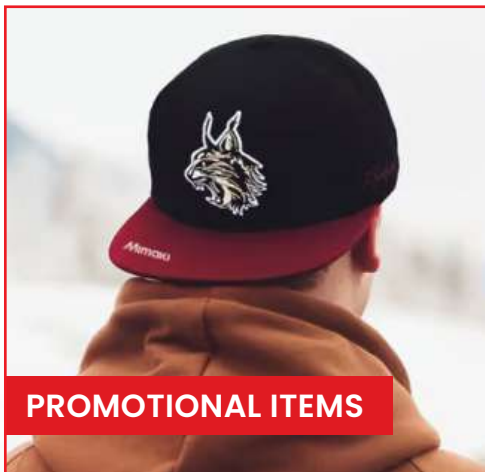
# Product Samples



**FASHION**



**SOFT SIGNAGE**



**PROMOTIONAL ITEMS**



**Flags**



**HOME FURNISHING**



**HOME & INTERIOR**

Product Samples

## Specification

Print Head		Head assembly, staggered layout
Print Resolution		480dpi, 600dpi, 1,200dpi
Ink	Type/ Color	Sb610 (Bl / Y / M / K / Lbl / Lm / Lk / Fy / Fp)*3
	Package size	2 litre ink pack
Maximum print width		1,940mm
Media	Max. Width	1,950mm
	Roll weight	45kg
Ink Slots		8
Safety standards		VCCI Class A / FCC-class A / Compliant with IEC 62368-1
		CE Mark (EMC, Low voltage, Machinery Directive, RoHS)
		CB Report / REACH / Energy Star / RCM / EAC
Interface		Ethernet 1000BASE-T (Recommended) / USB2.0 High Speed
Power		Single phase AC100-120V / AC200-240V x 1
Power consumption		AC100V: 1.44kW / AC200V: 1.92kW or less
Operational Environment	Temperature	20 - 30°C
	Humidity	35 - 65%Rh (Non-condensing)
Dimensions (W×D×H)		3,240 x 713 x 1,857mm
Weight		202kg

\*3 Lk, Fy and Fp inks available later.

\*Specifications are subject to change without prior notice, all rights reserved

## Supplies

Item	Item Code
Sublimation Transfer Ink Sb610 2 litre pack	SB610-x-2L
Sublimation Transfer Ink Sb610 10kg bottle	SB610-x-BJ

## Mini Jumbo Roll Unit

Roll Media Size	Max Weight	Winding: 100kg / Feeding: 300kg
	Max Diameter	Winding: 290mm / Feeding: 600mm
	Max Width	1,910mm
	Max Printable Width	1,900mm
Power		Single Phase AC200-240V x 1
Power Consumption		(AC200V) 1.0kW or less
Dimensions (W×D×H)		Unit Size: 2,770 x 905 x 600mm Size with main unit: 3,240 x 1,850 x 1,857mm
Weight		100kg

## 10kg Bulk Ink Supply Unit

Inkset	4 colours / 6 colours / 7 colours / 8 colours* <sup>2</sup>	
Ink	Type/Colour	Sb610 (Bl / M / Y / K / Lbl / Lm / Lk / Fy / Fp)
	Capacity	10kg ink tank (per colour) Lbl, Lm, Lk, Fy & Fp are supplied in 2L packs
Dimensions (WxDxH)	Unit Size: 824 x 1,035 x 383mm Size with main unit: 4,108 x 1,035 x 1,484mm	
Weight	35kg	

## Extended Heater

Power	Single Phase AC100-120V / AC200-240V x 1
Power Consumption	(AC100V) 1.0kW or less / (AC200V) 1.0kW or less
Dimensions (WxDxH)	Unit Size: 2,336 x 108 x 236mm Size with main unit: 3,240 x 775 x 1,857mm
Weight	15kg

\*1 Additional printer licenses corresponding to the number of connected printers are required.

\*2 6, 7 & 8 colours available later

## SYSTEM REQUIREMENTS (PC's)

Operating System*	Windows 10 (64 Bit) or Later
Processor	i7 - 2.6 GHz or faster
Memory (RAM)	Min. 8GB or More
Video Card and Monitor(VGA)	1280x1024 or Higher Resolution is Recommended
Working Hard Disk Space	1 TB SSD or more recommended
Graphics Card	2GB or more (Optional)
Optical drive	DVD-ROM
Other requirements	Ethernet connection for network capable printers
	Available USB ports and PCIE Slot
Recommended Brand	Lenovo / Dell

\* Note: You can use a laptop or desktop computer

\* Use the original operating system and software. If you are using pirated operating system or software, we are not responsible for any damage to Machine workings, and also the warranty terms will become void.

## POWER REQUIREMENTS

Voltage Regulator	5000W Stabilizer
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**TS55-1800**  
SUBLIMATION TRANSFER PRINTER



## Terms and Conditions

1. Payment to be made in QR currency.
2. Payment Terms: As mentioned in Quotation.
3. Bank Details:

Bank Name	Branch	Beneficiary Name	Acc #	Swift Code
Qatar Islamic Bank	Al Khour Branch	Digital Star Qatar	0111453200015	QISB - QAQA
IBAN: QA16QISB000000000111453200015				

4. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
5. Any charges, duties, taxes or levies at the ports of entry will be to our account.
6. The charges of loading, boarding and local conveyance of the technician will be to our account.
7. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.
8. Digital Star Qatar will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents and any related reasons, which is beyond our control.
9. The warranty will be 12 months from the date of installation from Digital Star Qatar. Wear and tear, consumables are exempted and warranty can be claimed only if you use the Inks and Services from Digital Star Qatar.
10. Service will be free of cost within 12 months from the date of installation.
11. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.
12. Delivery: As mentioned in quotation

**DIGITAL STAR QATAR**  
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