

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



## Core Tech delivers unbeatable technology

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

### 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



**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

### HIGH IMAGE QUALITY

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## MIMAKI TS55 SPECIFICATIONS

TS55-1800		
Print Head		Head assembly, staggered layout
Print Resolution		480dpi, 600dpi, 1,200dpi
Maximum Print Width		1,940mm
Maximum Media Width		1,950mm
Roll Media Weight		45kg
Ink Slots		8
Ink	Type / Colour	Sb610 (Bl / Y / M / K / Lbl / Lm / Lk / Fy / Fp) <sup>*3</sup>
	Capacity	2 litre ink pack
Safety standard		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 (WxDxH)		3,240 x 713 x 1,857mm
Weight		202kg

<sup>\*3</sup> Lk, Fy and Fp inks available later.

### Supplies

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

For detailed specifications, options and supply list, please visit [www.mimakieurope.com](http://www.mimakieurope.com)

MEUTS5501-EN

\*Specifications subject to change

## PRODUCTION WIDE-FORMAT SUBLIMATION TRANSFER PRINTER

THE (R)EVOLUTION OF TEXTILE PRINTING



TS55



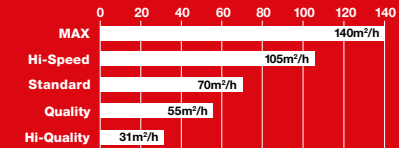
**Mimaki**

# 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.

## 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**

## 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.



## TxLink4<sup>™</sup> Lite

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

### Parallel RIP and load balancing functions

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

### 16-bit rendering

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

### 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 (WxDxH)	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*2	
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

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