

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
dispensing ink drops
between passes



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

HIGH IMAGE QUALITY



Aerodromska 17, 71000 Sarajevo, tel: +387 33 719095, 66 002600, e-mail: sasastgraf@gmail.com
Pilanska bb, 78000 Banja Luka, tel: +387 51 305280, 66 002400, e-mail: sgrafb@gmail.com
Lagja Kalabria pn, 10000 Pristina, tel: +383 38 602080, 45 600641, e-mail: info@stgraf-fs.com
Bulevar Boris Trajkovski br 112, 1000 Skopje, tel: +389 78 290996, e-mail: ace@sitotehnika.net



Jugoslovenska 2, 11250 Beograd
Tel: +381 11 6581274, 6581275
www.sitotehnika.net
office@sitotehnika.net

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)* ³
	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

*³ 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

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 140m²/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.

OEKO-TEX®
CONFIDENCE IN TEXTILES

4-colour mode:
6-colour mode:

Available in 10kg tanks and 2litre packs
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/m²). 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[™] 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...