

# Sophisticated RIP maximizes the performance of TS34-1800A.

New generation of output software with 16 bit rendering



- Smooth gradation with less tone jump is achieved with 16 bit rendering.
- Versatile editing functions such as tiling, trimming, scaling, and rotating are provided.
- The web update function easily provides both software updates and profile downloads.
- Multiple images can be nested freely in the RIP.
- The software works in mixed Windows/Macintosh network environment.

## Specifications

Item	TS34-1800A	
Head	On-demand Piezo head (Array of 2 staggered print heads)	
Maximum width	1,900 mm	
Print resolution	360, 540, 720, 1440 dpi	
Ink	Sublimation Ink Sublimation ink : Sb53 (BL/M/Y/K/DK) Ink cartridge (440ml) / Ink pack (2L)*	
Media	Size	210 mm ~ 1,910 mm (Thickness: 1.00 mm or under)
	Weight	25 kg or under
	Roll diameter	Φ180 mm or under
Media take-up device	Automatic take-up device	
Interface	USB 2.0	
Power supply	AC100 ~ 120V ± 10%. AC220 ~ 240V ± 10%. 50/60 Hz ± 1Hz	
Power consumption	360 W or under	
Dimensions (WxDxH)	2,840 × 750 × 1,430 mm	
Weight	210 kg	

## Options

Item	Item No.
Drying fan 180	OPT-J0313
MBIS2 (Mimaki Bulk Ink System)	OPT-J0305

## Supplies

Item	Item No.	
Sublimation ink Sb53	440ml	SB53-BL / M / Y / K / DK-44
	2L*	SB53-BL / M / Y / K / DK-2L

\* 2 litre ink packs can be used with Mimaki Bulk Ink System (Option)



### Also available: JV34-260 Super Wide Format Inkjet Printer

High productivity and functionality paired with affordable super wide printing for a multitude of applications. Two ink types available: solvent and dye sublimation.

• Some of the samples in this folder are artificial renderings • Specifications, design and dimensions stated in this folder may be subject to change without notice (for technical improvements, etc.)  
• The corporate and merchandise names written on this folder are the trademark of the respective corporations • Inkjet printers print using extreme fine dots, so colours may vary after replacement of the printing heads, also note that if using multiple printer units, colours could vary slightly from one unit to other unit due to slight individual differences • Composer's errors reserved

# TS34-1800A



## Sublimation transfer inkjet printer...

# Mimaki

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TEXTILE & APPAREL

# Mimaki

The world imagines... Mimaki delivers





the power to

**create...**



## High Speed and Quality for the sublimation transfer market

The TS34-1800A is an exciting new addition to the Mimaki Textile and Apparel range, designed specifically for the sublimation transfer market with high speed and quality in mind. Sublimation transfer printing is widely utilised for sportswear applications due to the elasticity and quick-drying capability of polyester material and in the growing market for soft signage applications, such as flags, retail in-store banners, and tapestries.

### TS34-1800A delivers ...

- Print speeds of up to 45.6 m<sup>2</sup>/h at 540 x 360 dpi in 4-colour mode
- High speed printing of 32 m<sup>2</sup>/h at 540 x 720 dpi
- Uninterrupted Ink Supply System (UISS) as standard allows continuous unattended operation
- Two litre aluminium packs and automatic drying fans can be fitted as an option



- SUBLIMATION INK**
- 1440 DPI MAX RESOLUTION**
- 4 COLOUR MODE**
- 45.6 m<sup>2</sup>/h MAX SPEED**
- UNATTENDED CONTINUOUS PRINTING**
- 1900 mm MAX PRINT WIDTH**

**Create ...** Flags, Banners and all types of soft signage, PoS materials, Sportswear, T-shirts & apparel, Furnishing fabrics and more...

### ENGINEERING EXCELLENCE AND CREATIVE INNOVATION

Founded in Japan in 1975, Mimaki Engineering has steadily grown by reputation and influence into a global company with large operational bases in Asia and the Pacific, United States and Europe.

Renowned for award-winning performance, peerless build quality and innovative technology, Mimaki has established itself as a leading manufacturer of wide-format inkjet printers and cutting machines for the sign and graphics, textile and apparel and industrial markets. In addition, Mimaki also provides a comprehensive range of supporting products; hardware, software and associated consumable items, such as inks and cutting blades.

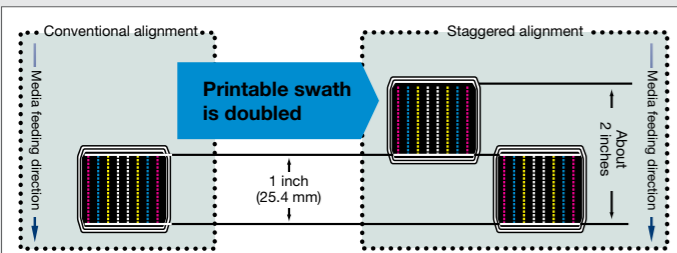
From outdoor signage and billboards to interior decoration and furnishing, from packaging and labels to promotional gifts and apparel, Mimaki is committed to developing technology that sets new industry standards, producing machines and products that turn the imagination of our customers into breath-taking reality.

... **Mimaki delivers**

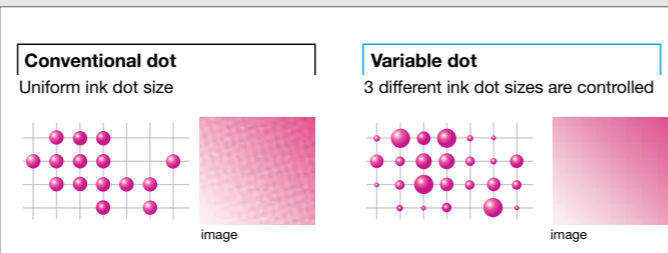
### KEY TECHNICAL FEATURES ...

#### High Speed Printing up to 32m<sup>2</sup>/h

2 newly developed print heads are placed in a staggered pattern, which allows the end-user to respond with quick turnaround image printing for wide-format soft signage with productive high-speed print speed of 32.0m<sup>2</sup>/h in 4-colour mode.



Improved ink jetting angle achieves higher print image quality without grainy appearance in 4-colour mode by jetting variable size dots, Large, Medium and Small variable dots, with a maximum resolution of 1440dpi.

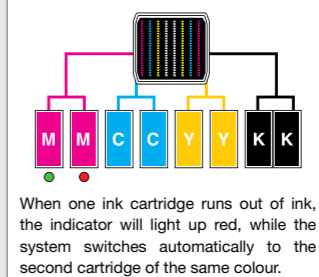


#### Continuous unattended operation with UISS

UISS (\*1) is standard equipment - Two ink cartridge holders are allocated for each colour. When one ink cartridge indicates low ink level, this system automatically switches to the other one. Additionally, using in combination with the MBIS (\*2) that supplies ink from aluminium ink packs (2L) extends the time of ink supply and reduces not only ink cost but also environmental footprint. To further improve work efficiency, an automatic drying fan (\*3) is offered to shorten the ink dry time and allows for continuous media take-up during high-speed printing.

\*1 UISS - Uninterrupted Ink Supply System: Automatic ink cartridge switching function (4-colour mode only)  
 \*2 MBIS - Mimaki Bulk Ink System (Option)  
 \*3 Automatic drying fan is the option.

#### UISS



#### MBIS

