1.8m wide high-speed inkjet printer with water-based pigment ink AP50

Tiger600-1800TS
PIGMENT

Mimaki®

Vibrant, High-Quality Signage at Scale

Production speed **220 m²/h**

High-Quality Print Technology x Vibrant Water-Based Pigment Inks (AP50)

Short-term Outdoor Signage

Indoor Posters

Indoor Wall and Booth Decorations

Short-term Outdoor Wall Graphics

*Media printed with water-based pigment inks has limited water resistance.

Vibrant colors and fast drying, delivering sharp, smudge-resistant results.

Highly saturated red, ideal for promotional use

*Images are for illustrative purposes only.

Safe and environmentally friendly ink

☑ GREENGUARD Gold Certified

☑ Energy-efficient printing at reduced drying temperatures —minimizing CO_2 emissions.

GREENGUARD
PRODUCT CERTIFIED FOR
LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD

Mimaki
Green Technology

Composed of approx.
65% Water

Media transport system that enables high-quality and high-volume production

Three driven rollers prevent media wrinkling, enabling stable operation even at a high production speed of 220 m²/h.

Mimaki's technology for high-quality print with stable production

- Waveform Control Technology
- MAPS (Mimaki Advanced Pass System)
- Media Transport System
- Degassing Module
- Nozzle Recovery System
- Flushing Function

Offered as a total solution, including software, to optimize your production

● **Cloud-based monitoring tool**

Mimaki Cloud Technology **PICT**

- Monitors printer operation status and ink usage.
- Enables proactive planning for maintenance schedules and ink refills.

● **Ink Saving Function**

①Tick ink saving
②Select reduction level
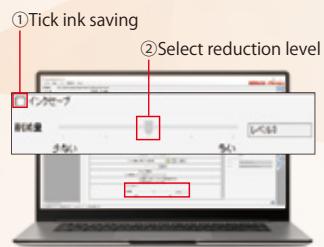
- Optimize ink consumption for each application with just two clicks.
- Produce high-volume posters at even lower cost.

*RasterLink7 Ink Saving Function

Product specifications

Item		Tiger600-1800TS
Print Head		On-demand piezo print head
Number of Print Head		8 units (4 in-lined x 2 staggered layout)
Print Resolution		300dpi, 600dpi, 1200dpi
Max. Print Width		1,850mm (72.8")
Min. Print Width		210mm (8.3")
Max. Media Width		1,900mm (74.8")
Paper Core Diameter		3 inches
Media Roll Diameter		600mm or less (≤23.6")
Media Weight		300kg or less (≤661.4 lb.)
Ink	Type/Colors	Water-Based Pigment inks AP50 (C/M/Y/K)
	Content	10kg ink tank
Interface		Ethernet 10GBASE-T USB 3.1 and USB 2.0 (via removable storage device)
Operation Method/Software		Built-in touch panel Exclusive Software MPC (Mimaki Print Controller)
RIP Software		Raster Link 7
Compatible Standards		ELT Compliant with IEC62368-1, CE marking (EMC Directive, Low Voltage Directive, Machinery Directive, RoHS Directive) CB Certification / REACH / RCM / KC Certification / UKCA
Power Specification		3φ 380-415V ± 5%, 50/60Hz ± 1%, 25A
Operational Environment	Operational Temperature	20-30 degC / 68-77 degF
	Humidity	35-65% RH (Non-condensing)
	Dust Levvel	0.15 mg/sqm or less (Equivalent to a general office floor level)
	Max. Operating Altitude	2,000m
Power Consumption	Max. Operating	15.0kW or less
	Operating Average	6~7kW
	Standby	1.0kW or less
External Dimensions (WxDxH)		5,300x2,800x1,900mm (209"x110"x75")
Weight		1,620kg or less (≤3.572 lb.)*1*2

*1：Total of entire system
*2：Paper and ink weight are excluded

Supply Items

Item		Code	Descriptions
Water-Based Pigment Inks AP50 GREENGUARD Gold Certified	Cyan	AP50-C-BJ	10 kg Ink tank
	Magenta	AP50-M-BJ	
	Yellow	AP50-Y-BJ	
	Black	AP50-K-BJ	
Maintenance Liquid	ML03 Bottle	ML003-Z-K1	200ml bottle

Installation space

1,500mm or more
1,500mm or more
1,500mm or more
1,500mm or more
5,800mm or more
8,300mm or more
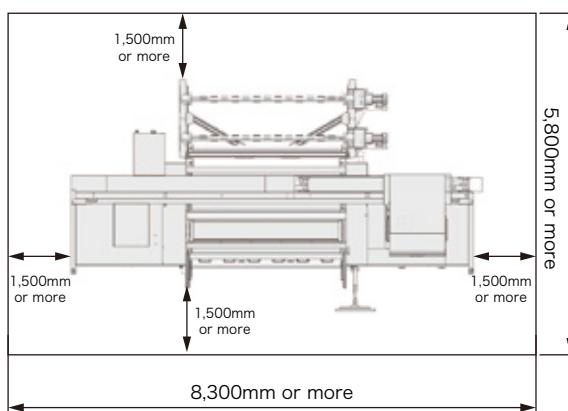
For your safety, do not enter within 1 meter of the machine while it is operating. Only trained personnel may enter this area when necessary.