

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

Tiger600-1800TS PIGMENT

Mimaki

Vibrant, High-Quality Signage at Scale



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 CO₂ emissions.**



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

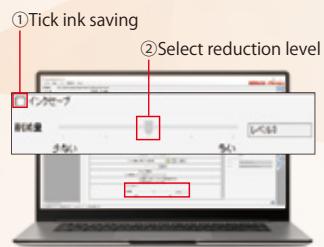
• Cloud-based monitoring tool

Mimaki Cloud Technology



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

• Ink Saving Function



- 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 Level | 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} |

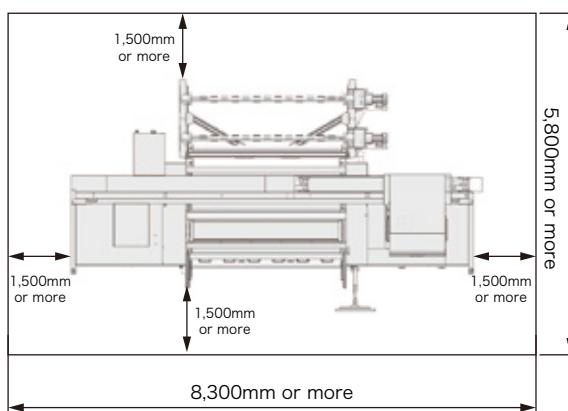
*1: Total of entire system

*2: Paper and ink weight are excluded

Supply Items

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

Installation space



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.

• Some examples shown in this catalog are artificial renderings. • Specifications, designs and dimensions shown in this catalog may be subject to change without notice for technical improvements. • The corporate and merchandise names in this catalog are the trademarks or registered trademarks of the respective corporations. • Inkjet printers use extremely fine dots, so colors may vary slightly after replacement of print heads. • Also note that when using multiple printer units, colors could vary slightly from one unit to another due to slight individual differences. • Please note that descriptions and data in this catalog are as of November 2025.

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