

TS500P-3200

PRELIMINARY BROCHURE



Wide format sublimation transfer inkjet printer ...



TEXTILE &
APPAREL

Mimaki

The world imagines... Mimaki delivers

TS500P-3200



- Super-wide sublimation printing up to 3.4m wide
- High productivity with 180m²/h high speed printing
- High quality printing, even on thin transfer paper
- Automatic Media Feeder (AMF) for stable feeding
- Mimaki Advanced Pass System (MAPS)
- Nozzle Checking Units (NCU) and Nozzle Recovery System (NRS)

High quality sublimation printing

The TS500P-3200 is the first 3.2m wide model equipped with **Mimaki Advanced Pass System (MAPS)**, which reduces banding and uneven colour printing.

In addition, the **unique waveform control technique** optimizes the size of the ink droplets for each colour and type to ensure high quality print results with high ink-landing accuracy.

Furthermore, **Nozzle Check Unit (NCU)** and **Nozzle Recovery System (NRS)** detect nozzle failure and ensure continuous printing by automatically cleaning without interruption while maintaining high quality printing.

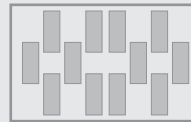
High speed printing up to 180m²/h*

Compared to TS500-1800, the number of printheads in the Mimaki TS500P-3200 has been increased from 6 to 12. These new type printheads are staggered in 3 rows to deliver maximum printing speed at 180m²/h.* Moreover, the Auto Media Feeder (AMF) ensures stable and high speed media feeding.

* This maximum print speed is obtained under the following print conditions: 4-colour / 360 x 360 dpi / 2P / Bi / Hi



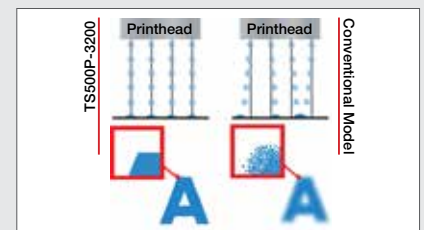
Printhead arrangement in the TS500-1800



Printhead arrangement in the TS500P-3200

High head gap setting

A high head gap setting is used to prevent contact with a cockled surface. The new printhead of TS500P-3200 ejects ink droplets at a high speed to maintain straight landing and to ensure accurate ink droplet placement on the media.



Specifications

| Item | Specifications | |
|------------------------|--|--------------|
| Print resolution | X-direction : 360, 540, 720, 1080 dpi Y-direction : 360, 540, 720 dpi | |
| Head gap | Manual stepless adjustment 2.0 mm - 7.0 mm (3.0 mm is the standard value) | |
| Ink type | Sublimation transfer ink (Bi, M, Y, K, Lbl, Lm) | |
| Ink set | 4 colour (Bi, M, Y, K) 6 colour (Bi, M, Y, K, Lbl, Lm) | |
| Ink volume | 2000 ml ink bottle (each ink can be filled to the ink supply unit up to 3L) | |
| Effective print width | 3400 mm | |
| Media specifications | Max. width | 3420 mm |
| | Roll weight | Up to 130 kg |
| Interface | USB2.0 / Ethernet 1000BASE-T | |
| Power supply | Single-phase: AC 200V - 240V (±10%), 50/60 Hz (±1 Hz), 29A or less | |
| Dimensions (W x D x H) | Main unit : 5620 x 1800 x 1820 mm Ink supply unit : 950 x 510 x 730 mm | |
| Weight | Main unit : 1500 kg Ink supply unit : 30 kg | |

• 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 • Compositor's errors reserved

www.mimakieurope.com info@mimakieurope.com @MimakiEurope