TS500P-3200

PRELIMINARY BROCHURE

Wide format sublimation transfer inkjet printer ···

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TEXTILE & APPAREL

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.
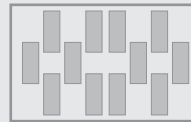
High speed printing up to 180m²/h*

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.

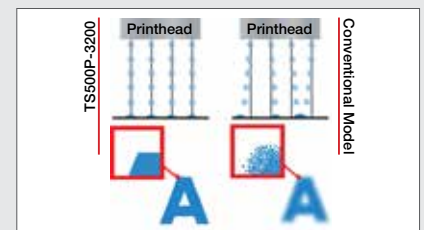* This maximum print speed is obtained under the following print conditions: 4-colour / 360 x 360 dpi / 2P / Bi / Hi

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 (Bl, M, Y, K, Lbl, Lm)
Ink set		4 colour (Bl, M, Y, K) 6 colour (Bl, 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

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