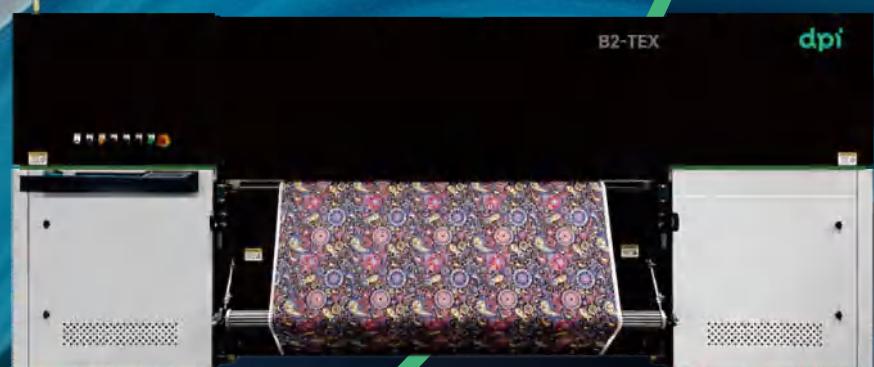


Blazing Speed

Redefining Sublimation Digital Printing



Making Industry Smarter!

Sublime Speed, Sublime Quality!

B2-TEX High Speed Sublimation Inkjet Printer with premium quality.
Ergonomic design combining sturdy durability with user - friendly operation.
Equipped with Epson or Kyocera print head, up to 4 or 6 color printing.
Offering printing width at net 1900mm or net 2600mm printable width.

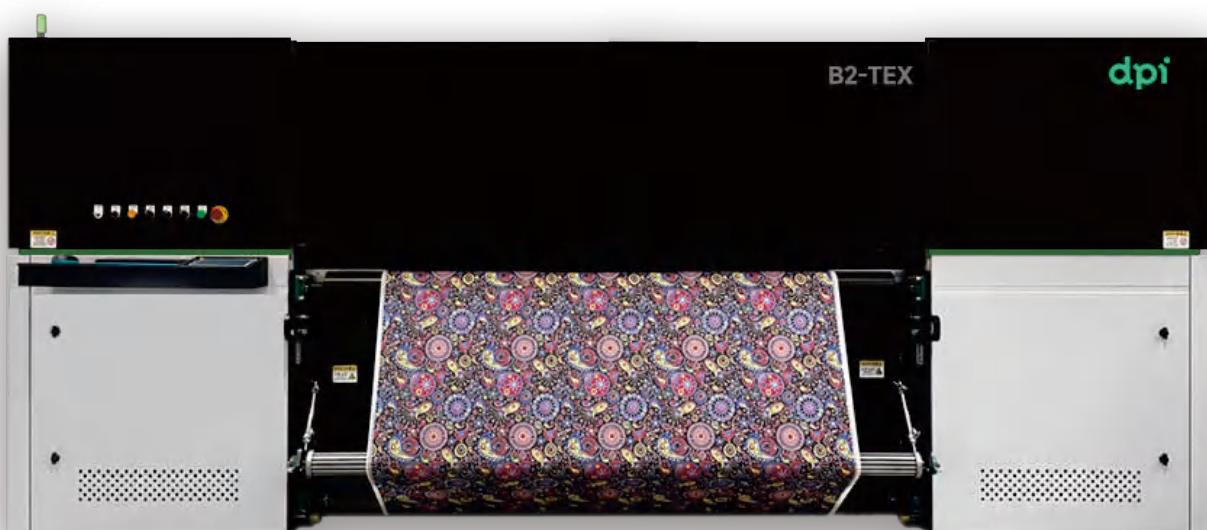
Unique ink system meet any ink coverage request.
Advanced motion control, intelligent winding & unwinding designs.
Stable high-volume ink production, precise and stable paper feeding satisfy continuous operation,
deliver a reliable high-speed digital printing solution for the textile industry.

Features

- Up to 36 Epson print heads or 12 Kyocera print heads, supporting 4-6 color channels.
- Printing width up to 1900mm / 2600mm, meeting large-format printing needs and reducing splicing processes.
- Compatible with the thin sublimation paper down to 29 gsm, ensuring stable printing on lightweight paper at the lowest cost.
- Flexible multi-file queue management for continuous printing, enabling unattended production, real-time progress monitoring, and precise ink volume prediction.
- Self-developed drying system features high efficiency, stable operation, and boosts drying efficiency for high-ink-volume and mass-production printing.

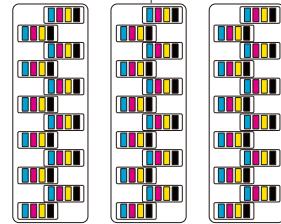
| Printing Media | |
|-------------------|---|
| Sublimation Paper | ✓ |
| Inks Type | |
| Sublimation Ink | ✓ |

*For more details, please contact DPI

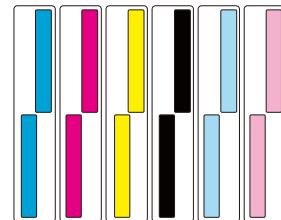




*Epson Print Head
12 Rows / 3 Group / 4 Colors



*Kyocera Print Head
2 Rows / 6 Colors



Print Heads & Ink Supply System

- Flexibly select print head configurations based on product characteristics.
- Equipped with up to 36 Epson print heads or 12 Kyocera print heads, and configured with up to 4-6 color channels.
- Printing width reaches 1900mm/2600mm, suitable for large-sized fabrics or sublimation papers, reducing splicing processes.
- Compatible with sublimation papers as thin as 29 gsm, expanding printing scenarios for lightweight paper.
- Unique ink system ensures continuous production with large ink volume without ink feeding interruption.

Software & Electronic Control

- Flexibly select print head combinations according to requirements and applications.
- High-precision waveform settings ensure accurate color reproduction.
- PLC controlled paper feeding guarantees stable operation and high precision.
- A reliable and advanced motion control system offers stable performance and strong durability.
- Minimal unwinding & max winding alarm triggers automatic printing pause to protect the print head.

Ink Path Stability & Printhead Cleaning

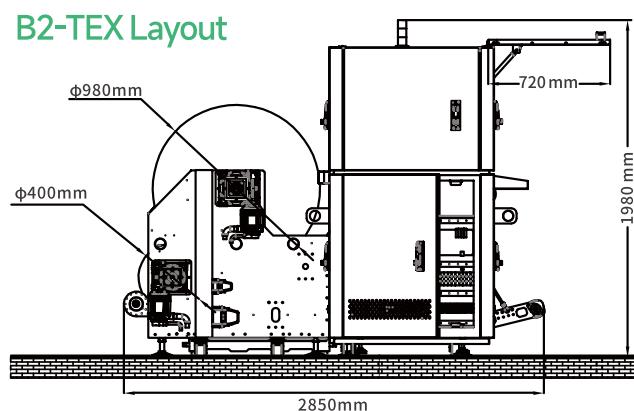
- Enables precise & flexible printhead positioning adjustment.
- Ink path adopts precise negative pressure control, maintaining stable negative pressure during production
- Multi ink sub tank design reduces ink tube resistance.
- The nozzle cleaning adopts the dual functions of positive pressure and adsorption functions for better cleaning result.
- Optional independent cleaning for single print head, improving cleaning efficiency and saving ink.

Mechanical Structure & Protection

- Active roller features large-diameter and large-angle design to reduce paper feeding slippage.
- Equipped with reliable paper stacking limit alarm device to ensure operational safety.
- The infrared anti-collision device effectively protects the print heads.



B2-TEX Layout



*Dimensions are for reference only; actual size per product.

Technical Data

| Model | B2 | | | B2 L | | | | | |
|--------------------------|---|--------------|----------------|-----------------------|----------------|----------------|---------------------|--|--|
| Print head | Epson | | Kyocera | Epson | | Kyocera | | | |
| No. of print head | 24~36 | | 8~12 | 24~36 | | 8~12 | | | |
| Resolution | 1800 dpi | | 600~1200 dpi | 1800 dpi | | 600~1200 dpi | | | |
| Drop size | 3.8~9.4 pL | | 5~16 pL | 3.8~9.4 pL | | 5~16 pL | | | |
| Colors channel | 4 Colors | | 4~6 Colors | 4 Colors | | 4~6 Colors | | | |
| Max printing width | 1900 mm | | | 2600 mm | | | | | |
| Height of platform | 1120±30 mm | | | | | | | | |
| Air | 0.6 Mpa | | | | | | | | |
| Power supply | Three phase 5 wires 380V | | | | | | | | |
| Power | 34 KW (Machine 10 KW+Drying 24KW) | | | | | | | | |
| Printing Media | Sublimation Paper | | | | | | | | |
| Inks | Sublimation Ink | | | | | | | | |
| Standard Configuration | Embedded Drying System / Automatic Winder & Unwinder System | | | | | | | | |
| Dimension (L×W×H) | 2850 × 4250 × 1980 mm | | | 2850 × 4950 × 1980 mm | | | | | |
| Weight | 2,500 kg | | | 3,000 kg | | | | | |
| Print head: Epson | | | | | | | | | |
| Resolution (dpi) | No. of printing pass | Model | Printing width | Printing speed @m/h | Model | Printing width | Printing speed @m/h | | |
| 240×1800 | 1 | B2-36 (3×12) | 1600 mm | 720 | B2 L-36 (3×12) | 2600 mm | 540 | | |
| | 2 | | | 401 | | | 301 | | |
| 300×1800 | 1 | | | 620 | | | 465 | | |
| | 2 | | | 345 | | | 259 | | |
| 240×1800 | 1 | B2-30 (3×10) | | 635 | B2 L-30 (3×10) | | 476 | | |
| | 2 | | | 330 | | | 248 | | |
| 300×1800 | 1 | | | 540 | | | 405 | | |
| | 2 | | | 280 | | | 210 | | |
| 360×1200 | 1 | B2-24 (2×12) | | 570 | B2 L-24 (2×12) | | 428 | | |
| | 2 | | | 340 | | | 255 | | |

C M Y K Epson: 4 Colors / 24-36 Print heads

| Resolution (dpi) | No. of printing pass | Model | Printing width | Printing speed @m/h | Model | Printing width | Printing speed @m/h | | |
|------------------|----------------------|-------------|----------------|---------------------|---------------|----------------|---------------------|--|--|
| 300×600 | 1 | B2-12 (2×6) | 1600 mm | 406 | B2 L-12 (2×6) | 2600 mm | 305 | | |
| 300×1200 | 2 | | | 223 | | | 167 | | |
| 600×600 | 1 | | | 265 | | | 199 | | |
| 600×1200 | 2 | | | 147 | | | 110 | | |
| 508×600 | 1 | | | 325 | | | 244 | | |
| 508×1200 | 2 | | | 175 | | | 131 | | |
| 300×600 | 1 | B2-8 (2×4) | | 456 | B2 L-8 (2×4) | | 342 | | |
| 300×1200 | 2 | | | 249 | | | 187 | | |
| 600×600 | 1 | | | 295 | | | 221 | | |
| 600×1200 | 2 | | | 163 | | | 122 | | |
| 508×600 | 1 | | | 355 | | | 266 | | |
| 508×1200 | 2 | | | 195 | | | 146 | | |

C M Y K LC LM Kyocera: 4~6 Colors / 8~12 Print heads

*Bidirectional printing speed is for reference only; actual speed depends on on-site production performance. Specifications are subject to change due to upgrades, without prior notice.

DPI is a global technology enterprise, specializes in the R&D, manufacturing, sales, and service of high-speed industrial digital inkjet printers. DPI delivers innovative digital printing solutions to diverse industries such as ceramics, building materials, textiles, and packaging. For more information, please visit www.dpi-t.com



dpi