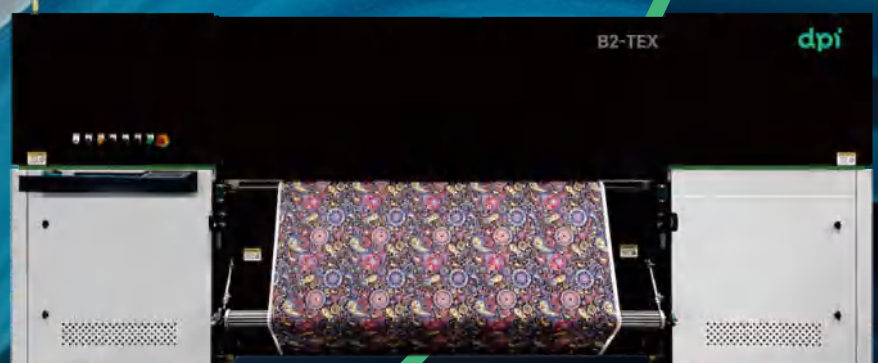


Blazing Speed Redefining Sublimation Digital Printing



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.

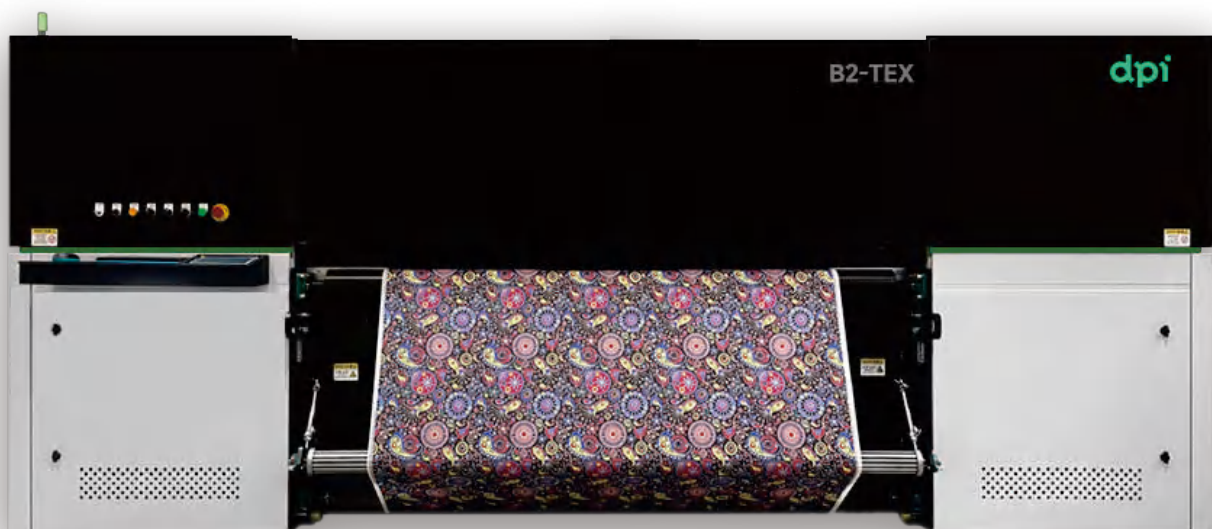
Unique ink system meet any ink coverage request.
Advanced motion control, intelligent winding & unwinding designs.
Stable high-volume ink production, precise and stable paper feeding satisfy continuous operation,
deliver a reliable high-speed digital printing solution for the textile industry.

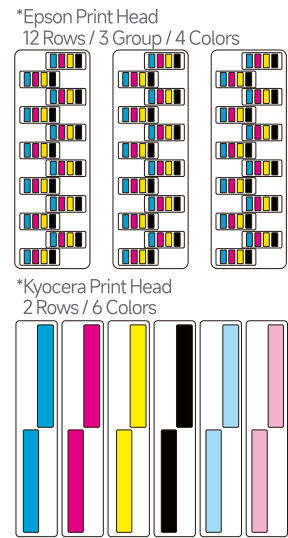
Features

- 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





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.

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.

Software & Electronic Control

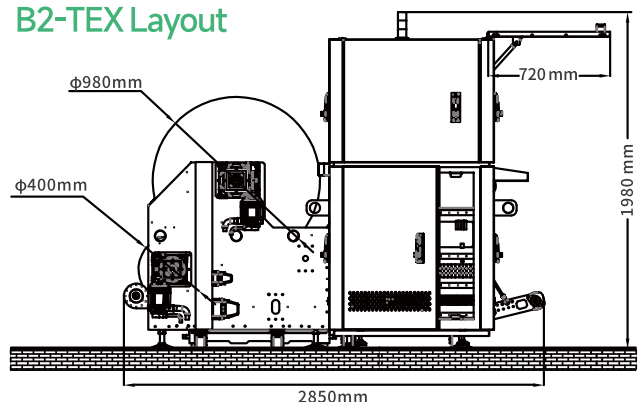
- Flexibly select print head combinations according to requirements and applications.
- High-precision waveform settings ensure accurate color reproduction.
- PLC controlled paper feeding guarantees stable operation and high precision.
- A reliable and advanced motion control system offers stable performance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

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

Print head: Kyocera

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

