B2-TEX
High Speed Sublimation Digital Printer
Primarily Used For **Apparel** and **Home Textile Fabrics**

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 8 color printing.
Offering printing width at net 1900, 2200, 2600 and 3200 mm.

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.

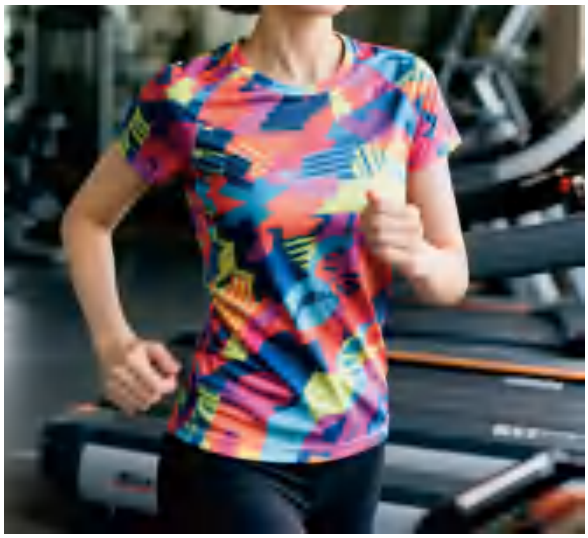
Features

- Up to 36 Epson print heads or 16 Kyocera print heads, supporting 4-8 color channels.
- Printing width up to 1900/2200/2600/3200 mm, 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.

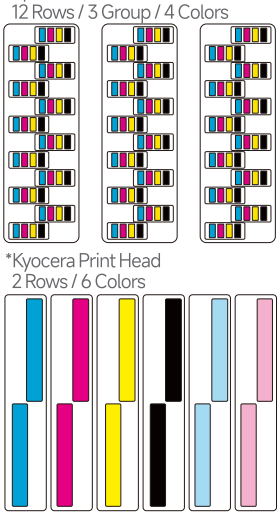
Printing Media	
Sublimation Paper	√
Inks Type	
Sublimation Ink	√

*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 16 Kyocera print heads, and configured with up to 4~8 color channels.
- Printing width reaches 1900 / 2200 / 2600 / 3200 mm, 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

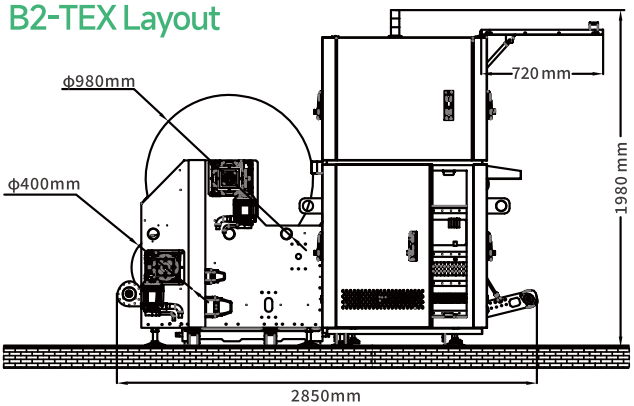
- Enables precise & flexible printhead positioning adjustment.
- Ink path adopts precise negative pressure control, maintaining stable negative pressure during production
- Multi ink sub tank design reduces ink tube resistance.
- The nozzle cleaning adopts the dual functions of positive pressure and 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	B2 XL
Print head	Epson I3200	Kyocera EX600	Epson I3200	Kyocera EX600
No. of print head	24~36	8~16	24~36	8~16
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	4~6 Colors	8 Colors	4~6 Colors	8 Colors
Max printing width	1900 / 2200 mm	2200 mm	2600 mm	3200 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	2850 × 5450 × 1980 mm
Weight	2,500 kg		3,500 kg	3,800 kg

Print head: Epson

Model	Resolution (dpi)	No. of printing pass	Printing width	Printing speed @m/h
B2-36 (3×12)	240×1800	1	1600 mm	720
		2		401
	300×1800	1		620
		2		345
B2-30 (3×10)	240×1800	1		635
		2		330
	300×1800	1		540
		2		280
B2-24 (2×12)	360×1200	1		570
		2		340

Print head: Epson

Model	Resolution (dpi)	No. of printing pass	Printing width	Printing speed @m/h
B2 L -36 (3×12)	240×1800	1	2600 mm	540
		2		301
	300×1800	1		465
		2		259
B2 L-30 (3×10)	240×1800	1		476
		2		248
	300×1800	1		405
		2		210
B2 L-24 (2×12)	360×1200	1		428
		2		255

Print head: Kyocera

Model	Resolution (dpi)	No. of printing pass	Printing width	Printing speed @m/h
B2-12 (2×6)	300×600	1	2200 mm	406
	300×1200	2		223
	600×600	1		265
	600×1200	2		147
	508×600	1		325
	508×1200	2		175
B2-8 (2×4)	300×600	1		456
	300×1200	2		249
	600×600	1		295
	600×1200	2		163
	508×600	1		355
	508×1200	2		195

Print head: Kyocera

Model	Resolution (dpi)	No. of printing pass	Printing width	Printing speed @m/h
B2 L-12 (2×6)	300×600	1	3200 mm	305
	300×1200	2		167
	600×600	1		199
	600×1200	2		110
	508×600	1		244
	508×1200	2		131
B2 L-8 (2×4)	300×600	1		342
	300×1200	2		187
	600×600	1		221
	600×1200	2		122
	508×600	1		266
	508×1200	2		146

*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