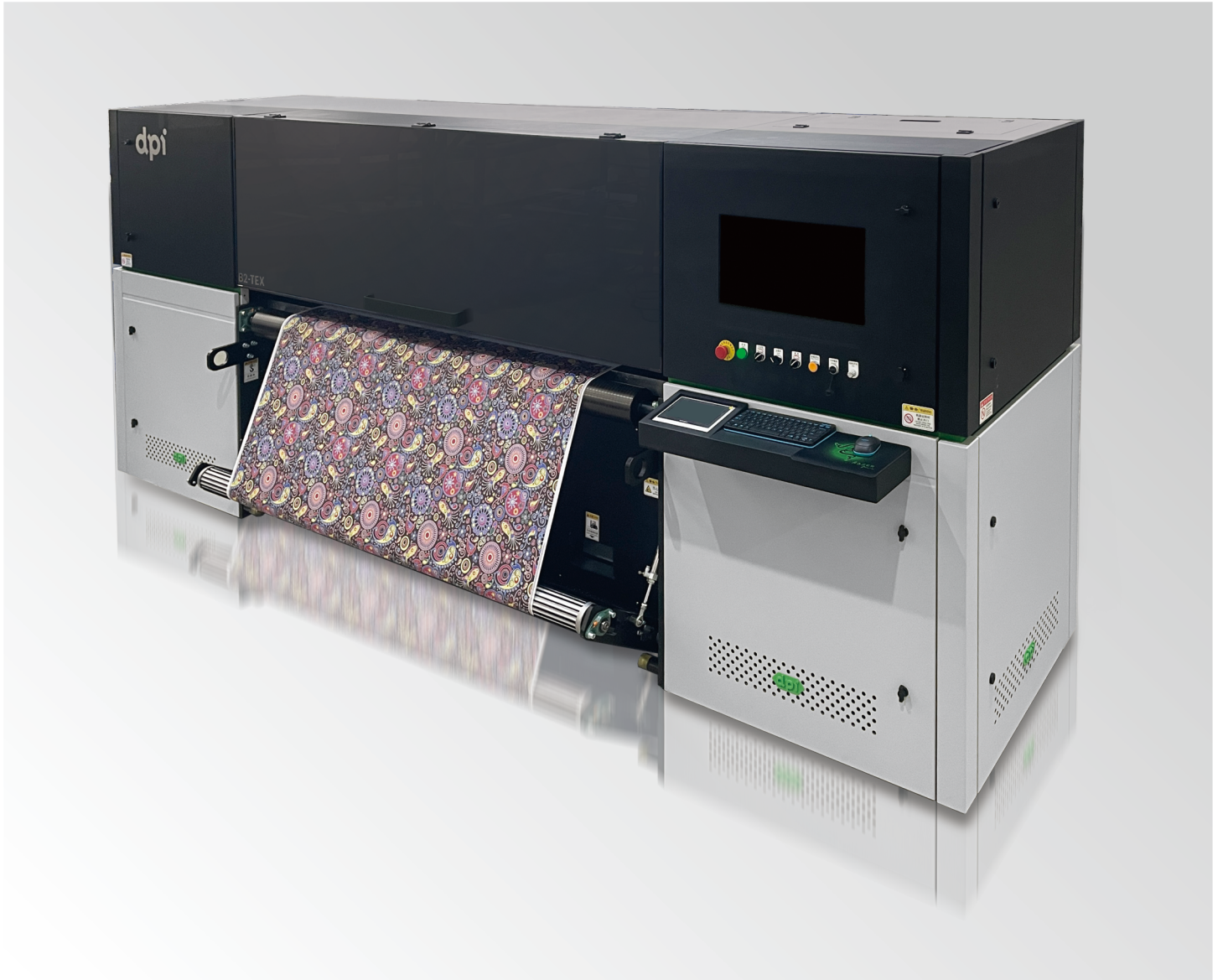


B2-TEX



High Speed Textile
Sublimation Printer

HIGH SPEED TEXTILE SUBLIMATION PRINTER

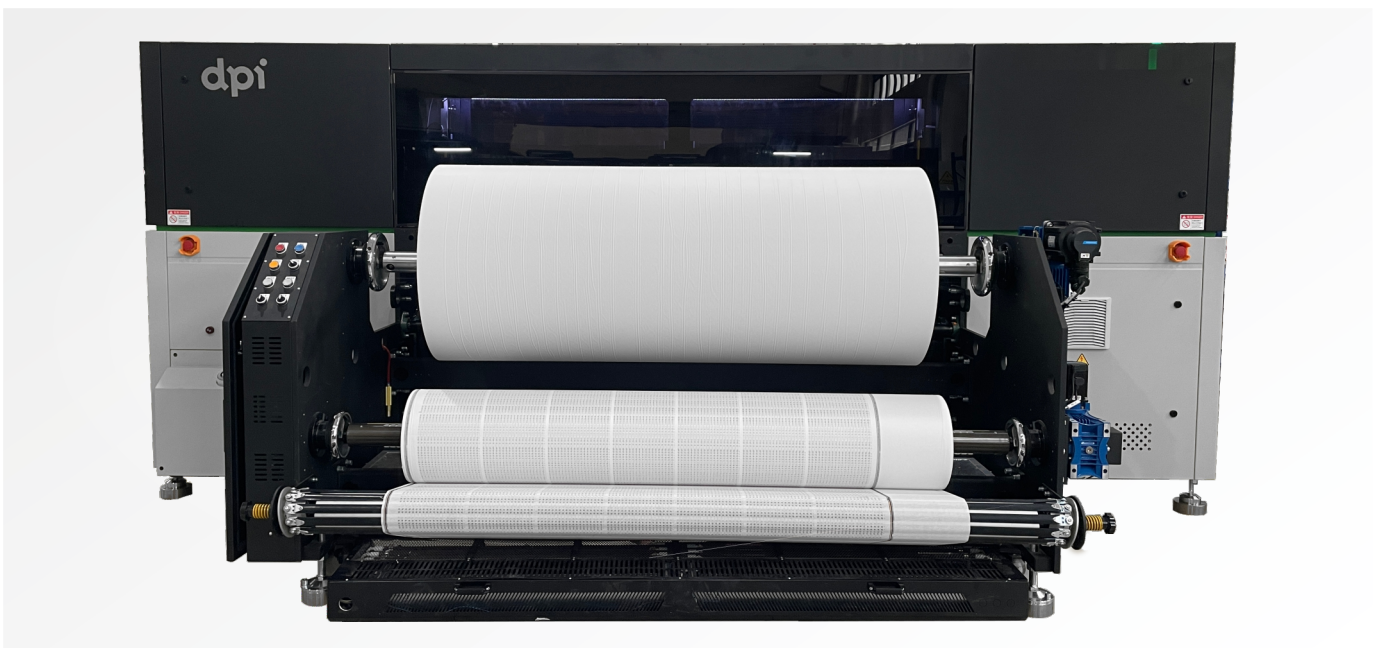


- Humanized design, durability and easy to use
- Max. 36 pcs of Epson or 12 pcs of Kyocera Print head, Max. colors up to 6
- Printing width: 1900mm/2600mm
- The unique ink system is capable printing with high volume stably with no nozzle block
- Suitable for printing with 29 grams paper



EASY TO USE

- Flexible Queues Management For Continuous Printing, Unattended Production
- Front/Rear Manual Operation Functions, Easier and Safety
- Real-Time Display Of Printing Progress



SOFTWARE AND MOTION CONTROLS

- Flexible To Choose Different Print head Configurations To Print Various Patterns
- Accurate Waveform Files
- High-End PLC Control To Ensure The Stepping Accuracy
- Durable Motion Control System
- Alarm Device For Min. Unwinding And Max. Winding, The Software Will Automatically Pause Printing To Protect Print Head

MECHANICAL

- The Non-Metallic Beam Reduces The Accuracy Errors Caused By Environmental Changes
- Optimized Design Of Active Roller With Large Diameter And Large Angle To Reduce Paper Slipping And Make The Stepping More Accurate
- Reliable Alarm Device Of Paper Stacking Limit

INK SUPPLY SYSTEM CONTROL AND PRINT HEAD CLEANING SYSTEM

- The Position Of Print Head Can Be Adjusted Precisely
- Precise Negative Pressure Control
- Multi Ink Sub Tank, Reduce Ink Tube Resistance
- The Nozzle Cleaning Adopts the Dual Functions of Positive Pressure And Adsorption To Make The Cleaning Effect Better
- Optional Function Of Individual Print Head Cleaning, Improve Cleaning Efficiency And Saving Ink

DRYER AND WINDING & UNWINDING DESIGN

- Self-Developed Drying System With Hot Air Circulation Structure
- Winding and Unwinding Intelligent Controlled By Servo+PLC System, Automatic Adjustment, Compatible for Jumbo Roll and Small Roll

Technical Specification

Model	B2		B2 L	
Print Head	Epson	Kyocera	Epson	Kyocera
Resolution (dpi)	1800	600~1200	1800	600~1200
Drop Volume (pL)	3.8~9.4	5~16	3.8~9.4	5~16
No. of Print Head	24~36	8~12	24~36	8~12
Color Channel	4 Color	4 ~ 6 Color	4 Color	4 ~ 6 Color
Max. Printing Width (mm)	1900		2600	
Height of Platform (mm)	1120±30			
Printing Media	Sublimation Paper			
Inks	Sublimation Ink			
Air (MPa)	0.6			
Power Supply	Three Phase 5 Wires 380V			
Power (KW)	34KW (Machine 10KW+Drying 24KW)			
Dimension (mm) (L*W*H)	2850*4250*1930		2850*4650*1930	
Weight	2.5T		3T	
Standard Configuration	Embeddd Drying System / Automatic Winder & Unwinder System			

Printing Speed (Based on 1600mm Printing Width)

Model	Print Head	Resolution	No. of Printing Pass	Double Direction Printing Speed (m/hr) (ft/hr)	
B2-36 (3*12)	Epson	240*1800	1	720	2362
			2	401	1315
		300*1800	1	620	2034
			2	345	1132
B2-30 (3*10)	Epson	240*1800	1	635	2083
			2	330	1082
		300*1800	1	540	1771
			2	280	918
B2-24 (2*12)	Epson	360*1200	1	570	1870
			2	340	1115
B2-12 (2*6)	Kyocera	300*600	1	406	1332
		300*1200	2	223	731
		600*600	1	265	869
		600*1200	2	147	482
		508*600	1	325	1066
		508*1200	2	175	574
B2-8 (2*4)	Kyocera	300*600	1	456	1496
		300*1200	2	249	817
		600*600	1	295	968
		600*1200	2	163	535
		508*600	1	355	1164
		508*1200	2	195	640

Printing Speed (Based on 2600mm Printing Width)

Model	Print Head	Resolution	No. of Printing Pass	Double Direction Printing Speed (m/hr) (ft/hr)	
B2 L -36 (3*12)	Epson	240*1800	1	592	1942
			2	355	1164
		300*1800	1	500	1640
			2	300	984
B2 L -30 (3*10)	Epson	240*1800	1	522	1712
			2	313	1027
		300*1800	1	429	1407
			2	257	843
B2 L -24 (2*12)	Epson	360*1200	1	398	1305
			2	238	781
B2 L -12 (2*6)	Kyocera	300*600	1	326	1069
		300*1200	2	195	640
		600*600	1	213	699
		600*1200	2	127	417
		508*600	1	261	856
		508*1200	2	156	512
B2 L -8 (2*4)	Kyocera	300*600	1	326	1069
		300*1200	2	196	643
		600*600	1	213	699
		600*1200	2	128	420
		508*600	1	257	843
		508*1200	2	154	505

High Speed Textile Sublimation Printer

Model	Print Head	Number of Print Head	Print Head Configuration
B2	Epson	24	2 Groups, 12 Rows, 4 Colors (2*12)
		30	3 Groups, 10 Rows, 4 Colors (3*10)
		36	3 Groups, 12 Rows, 4 Colors (3*12)
	Kyocera	8	2 Rows, 4 Colors (2*4)
		12	3 Rows, 4 Colors (3*4) 2 Rows, 6 Colors (2*6)
B2 L	Epson	24	2 Groups, 12 Rows, 4 Colors (2*12)
		30	3 Groups, 10 Rows, 4 Colors (3*10)
		36	3 Groups, 12 Rows, 4 Colors (3*12)
	Kyocera	8	2 Rows, 4 Colors (2*4)
		12	3 Rows, 4 Colors (3*4) 2 Rows, 6 Colors (2*6)

Making Industry Smarter Together!

DPI is committed to develop the industrial-grade digital inkjet printer, by virtue of the elite entrepreneurial team who have been deeply involved in the digital printing industry for many years, with the long-term accumulation of digital inkjet technology, the profound understanding of the needs of industrialized digital printing, and global supply chain management system. Providing innovative digital printing process solutions, serving different industrial fields such as building materials, textiles and packaging, etc..

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