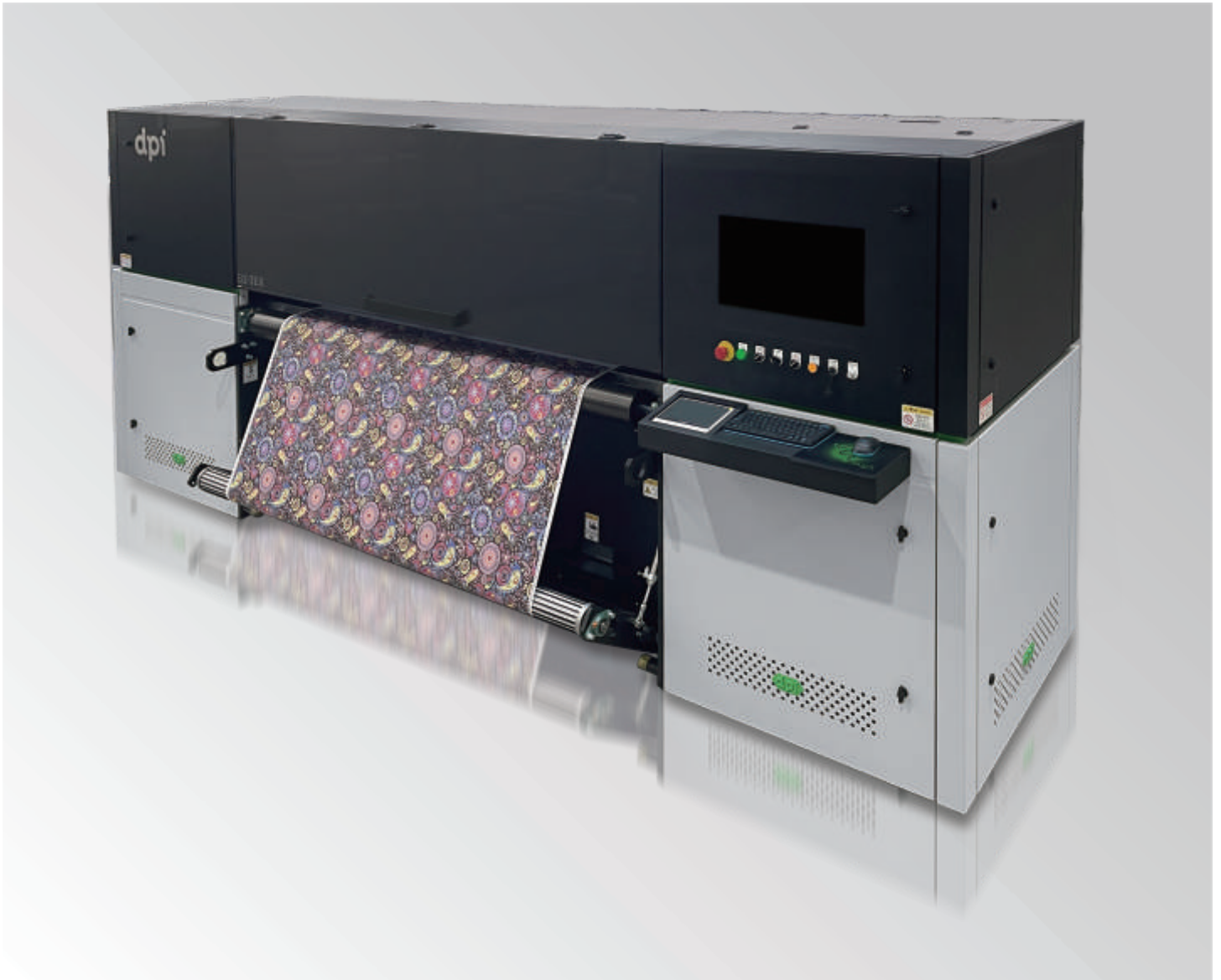


B2-TEX



High Speed Textile
Sublimation Printer

HIGH SPEED TEXTILE SUBLIMATION PRINTER



- Humanized design, durability and easy to use
- Max. 36 pcs of Epson or 18 pcs of Kyocera Print head, Max. colors up to 8
- Printing width: 1900mm/2200mm
- The unique ink system is capable printing with high volume stably with no nozzle block
- Suitable for printing with 28 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 Configuration To Print Various Pattern
 - Accurate Waveform Files
 - High-End PLC Control To Ensure The Stepper Accuracy
 - Durable Motion Control System
 - Alarm Device For Min. Unwinding And Max. Winding, Automatic Printing Stop
- Software Makes Better Protection Of Print Head

MECHANICAL

- The Non-Metallic Design Of The 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

- Equipped With A Device That Can Adjust The Print Head Positioning Accurately
- 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 WINDER & UNWINDER DESIGN

- Self-Developed Drying System With Hot Air Circulation Structure
- Winder and Unwinder 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 Size (PL)	3.8~9.4	5~16	3.8~9.4	5~16
Number of Print Head	24~36	8~18	24~36	8~18
Max. Printing Width (mm)	1900	1900	2200	2200
Color Channel	4 to 8 Color	4 to 6 Color	4 to 8 Color	4 to 6 Color
Height of Platform (mm)	1120±30	1120±30	1120±30	1120±30
Printing Media	Sublimation Paper	Sublimation Paper	Sublimation Paper	Sublimation Paper
Inks	Sublimation Ink	Sublimation Ink	Sublimation Ink	Sublimation Ink
Air (MPa)	0.6	0.6	0.6	0.6
Power Supply	Three Phase 5 Wires 380V	Three Phase 5 Wires 380V	Three Phase 5 Wires 380V	Three Phase 5 Wires 380V
Power (KW)	34KW (Machine 10KW +Drying 24KW)	34KW (Machine 10KW +Drying 24KW)	34KW (Machine 10KW +Drying 24KW)	34KW (Machine 10KW +Drying 24KW)
Dimension (mm) (L*W*H)	2850*4250*1930	2850*4250*1930	2850*4650*1930	2850*4650*1930
Weight	2.5T	2.5T	3T	3T
Standard Configuration	Embeddd Drying System/ Automatic Winder & Unwinder System	Embeddd Drying System/ Automatic Winder & Unwinder System	Embeddd Drying System/ Automatic Winder & Unwinder System	Embeddd Drying System/ Automatic Winder & Unwinder System

Printing Speed (Based on 1600mm Printing Width)

Model	Resolution	No. of Printing Pass	Double Direction Printing Speed (m ² /hr)
B2-36	240*1800	1	1152
		2	642
	300*1800	1	992
		2	552
B2-30	240*1800	1	1016
		2	528
	300*1800	1	864
		2	448
B2-24	360*1200	1	912
		2	544
B2-12 (3*4)	300*600	1	1056
	300*1200	2	576
	600*600	1	688
	600*1200	2	379
	508*600	1	826
	508*1200	2	454
B2-12 (2*6)	300*600	1	650
	300*1200	2	358
	600*600	1	424
	600*1200	2	236
	508*600	1	520
	508*1200	2	280
B2-8	300*600	1	730
	300*1200	2	399
	600*600	1	472
	600*1200	2	261
	508*600	1	569
	508*1200	2	313

Printing Speed (Based on 2200mm Printing Width)

Model	Resolution	No. of Printing Pass	Double Direction Printing Speed (m ² /hr)
B2 L -36	240*1800	1	1354
		2	737
	300*1800	1	1149
		2	624
B2 L -30	240*1800	1	1199
		2	620
	300*1800	1	994
		2	516
B2 L -24	360*1200	1	1044
		2	542
B2 L -12 (3*4)	300*600	1	1232
	300*1200	2	680
	600*600	1	780
	600*1200	2	430
	508*600	1	867
	508*1200	2	493
B2 L -12 (2*6)	300*600	1	748
	300*1200	2	415
	600*600	1	470
	600*1200	2	264
	508*600	1	530
	508*1200	2	308
B2 L -8	300*600	1	853
	300*1200	2	472
	600*600	1	537
	600*1200	2	297
	508*600	1	597
	508*1200	2	341

High Speed Textile Sublimation Printer

Model	Print Head	Number of Print Head	Print Head Configuration
B2	Epson	24	2 Groups,12 Rows, 4 Colors
		30	3 Groups,10 Rows, 4 Colors
		36	3 Groups,12 Rows, 4 Colors
		30	3 Groups,10 Rows, 6 Colors
		36	3 Groups,12 Rows, 6 Colors
		Kyocera	8
12	3 Rows, 4 Colors (3*4) / 2 Rows, 6 Colors		
18	3 Rows, 6 Colors (3*6)		
B2 L	Epson	24	2 Groups,12 Rows, 4 Colors
		30	3 Groups,10 Rows, 4 Colors
		36	3 Groups, 12 Rows, 4 Colors
		30	3 Groups,10 Rows, 6 Colors
		36	3 Groups,12 Rows, 6 Colors
		Kyocera	8
	12		3 Rows, 4 Colors (3*4) / 2 Rows, 6 Colors
	18		3 Rows, 6 Colors (3*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..