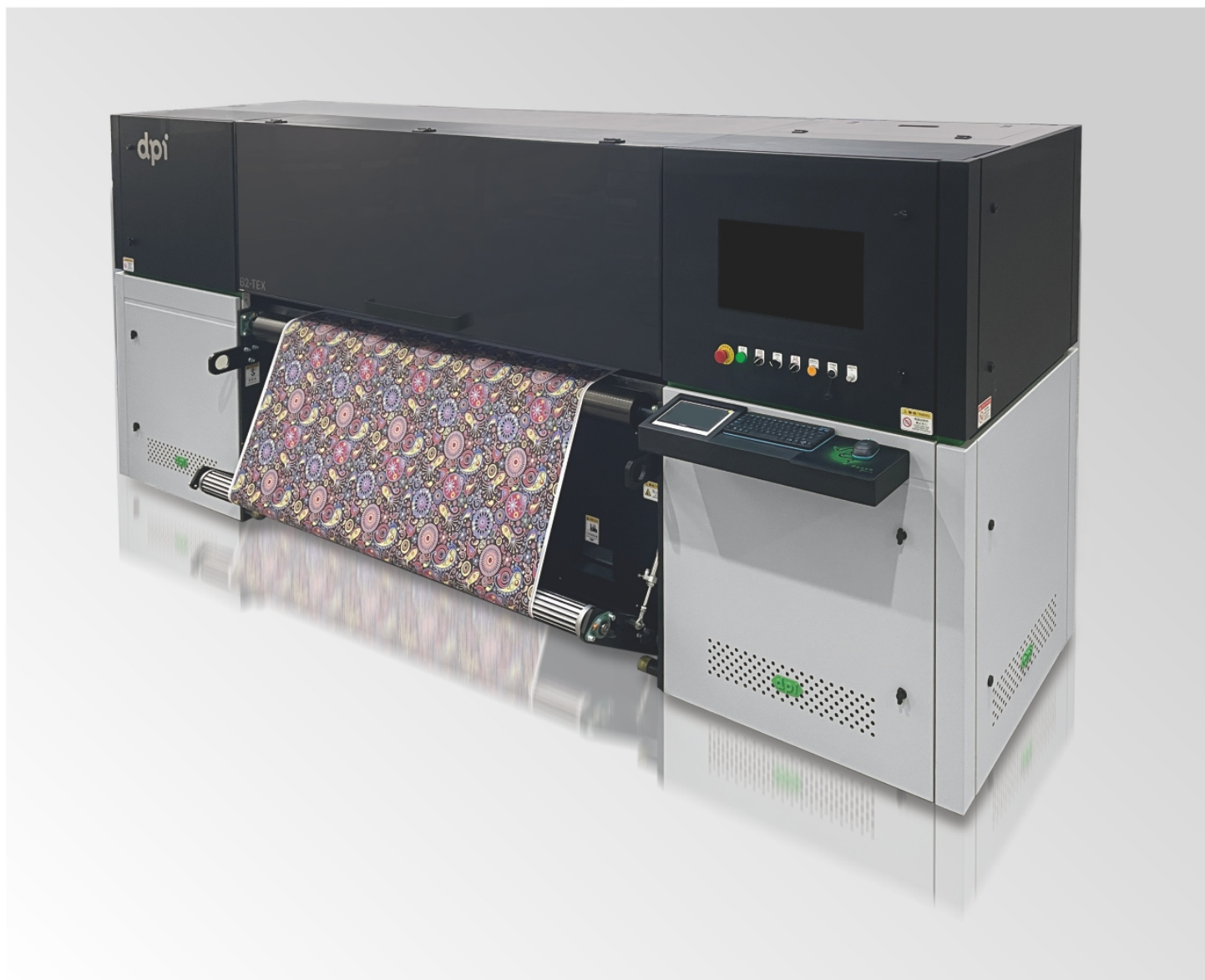# B2-TEX

高速纺织工业数码印花机

High Speed Textile

Sublimation Printer

高速纺织工业数码印花机

HIGH SPEED TEXTILE SUBLIMATION PRINTER

· 秉承DPI人性化设计，机器坚固耐用，易于操作

· TBE/TBK系列热升华纺织数码印花机最多可配置**36**个Epson或**18**个京瓷打印头，最多可以配置**4-8**色

· 打印宽幅达到：**1900mm/2200mm**

· 独特的墨路系统，能够稳定进行大墨量的生产而不断墨

· 可适用于最薄**28**g的热转印纸

· 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 to printing with **28**grams paper

EASY TO USE
易于操作的打印机

· 支持自定义多个文件队列连续打印,无人值守换图生产

· 带前后手动操作功能,操作更简单,安全

· 生产图稿打印进度显示,实时掌握生产进度

· Flexible queues management for continuous printing, unattended production
· Front/ rear Manual Operation functions, easier and safety
· Real-time display of printing progress

软件和电子控制/SOFTWARE AND MOTION CONTROLS

•可以根据不同花型的要求,选择不同的喷头组合打印

•精准的波形匹配文件

•走纸采用高端的PLC控制

•可靠且先进的电子控制系统

•最小放卷和最大收卷报警,软件可自动暂停打印,更好保护喷头

•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. rewinding ,Automatic printing stop software makes better protection of print head

机械/MECHANICAL

•横梁材料非金属化设计,降低金属材料受环境影响的精度变化

•主动辊采用大辊径和大包角设计,减少纸张步进打滑,使步进更精准

•可靠的叠纸限位报警装置

•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

墨路控制和喷头清洗
INK SUPPLY SYSTEM CONTROL AND PRINTHEAD CLEANING SYSTEM

•可精准调节喷头定位的装置

•墨路采用精准的负压控制

•多墨框设计,减少管道阻力

•喷头清洗采用正压和吸附双重功能,使清洗效果更好

•可选择单个喷头的独立清洗,提高清洗效率和节省墨水

•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

烘干和收放卷结构/DRYER AND REWINDER & UNWINDER DESIGN

•自主研发,带热风循环结构的烘干系统

•智能化收放卷系统,可大小卷兼容生产

•Self-developed drying system with hot air circulation structure
•Rewinderand unwinder intelligent controlled by servo + PLC system, automatic adjustment, compatible for jumbo roll and small roll

技术参数
Technical Specification

型号 Model	B2		B2 L	
喷头类型 Print head	Epson	Kyocera	Epson	Kyocera
分辨率(dpi) Resolution	240~1800	300~1200	240~1800	300~1200
可变墨点(PL) Drop size	3.8~9.4	5~16	3.8~9.4	5~16
喷头数量 Number of Print Head	24~36	8~18	24~36	8~18
最大喷印宽度(mm) Max.Printing Width	1900	1900	2200	2200
色彩打印系统(色) Color Channel	4~8色 4 to 8 color	4~6色 4 to 6 color	4~8色 4 to 8 color	4~6色 4 to 6 color
喷印平台高度(mm) Height of Platform	1120±30	1120±30	1120±30	1120±30
打印种类 Printing Media	热升华转印纸 Sublimation paper		热升华转印纸 Sublimation paper	
墨水种类 Inks	热升华墨水 Sublimation ink		热升华墨水 Sublimation ink	
压缩空气(mbar) Air	0.6mbar	0.6mbar	0.6mbar	0.6mbar
电源 Power supply	三相五线制 380V Three phase 5 Wires 380V	三相五线制 380V Three phase 5 Wires 380V	三相五线制 380V Three phase 5 Wires 380V	三相五线制 380V Three phase 5 Wires 380V
装机功率(KW) Power	34KW (机器10KW+烤灯24KW) 34KW (Machine 10KW + Drying 24KW)	34KW (机器10KW+烤灯24KW) 34KW (Machine 10KW + Drying 24KW)	34KW (机器10KW+烤灯24KW) 34KW (Machine 10KW + Drying 24KW)	34KW (机器10KW+烤灯24KW) 34KW (Machine 10KW + Drying 24KW)
主机尺寸(mm) （长x宽x高） Dimension (LxWxH)	2850x4250x1930	2850x4250x1930	2850x4650x1930	2850x4650x1930
重量(kg) Weight	2.5T	2.5T	3T	3T
标准配置 Standard configuration	一体式烘干系统、 自动收放卷系统 Embedded drying system \automatic winder& unwinder system	一体式烘干系统、 自动收放卷系统 Embedded drying system \automatic winder& unwinder system	一体式烘干系统、 自动收放卷系统 Embedded drying system \automatic winder& unwinder system	一体式烘干系统、 自动收放卷系统 Embedded drying system \automatic winder& unwinder system

产量（按1600宽幅计算）
Printing speed(Based on 1600mm printing width)

机型 Model	分辨率 Resolution	打印层数 No.of printing pass	双向打印产量 Double direction printing speed(㎡/hr)
B2-36	240x1800	1	1120
		2	610
	300x1800	1	960
		2	520
B2-12	300x600	1	1056
	300x1200	2	576
	600x600	1	688
	600x1200	2	379
	508x600	1	826
	508x1200	2	454

产量（按2200宽幅计算）
Printing speed(Based on 2200mm printing width)

机型 Model	分辨率 Resolution	打印层数 No.of printing pass	双向打印产量 Double direction printing speed(㎡/hr)
B2 L-36	240x1800	1	1310
		2	715
	300x1800	1	1105
		2	618
B2 L-12	300x600	1	1232
	300x1200	2	680
	600x600	1	780
	600x1200	2	430
	508x600	1	867
	508x1200	2	493

高速纺织工业数码印花机系列
High Speed Textile Sublimation Printer

系列 Series	喷头类型 Print Head	喷头数量 Number Of Print Head	喷头排列 Print Head Configuration
B2	Epson	24	2组12排4色 2 Groups, 12 Rows, 4 Colors
		30	3组10排4色 3 Groups, 10 Rows, 4 Colors
		36	3组12排4色 3 Groups, 12 Rows, 4 Colors
		30	2组10排6色 2 Groups, 10 Rows, 6 Colors
		36	2组12排6色 2 Groups, 12 Rows, 6 Colors
	Kyocera	12	3排4色 3 Rows(3*4)
		18	3排6色 3 Rows(3*6)
B2 L	Epson	24	2组12排4色 2 Groups, 12 Rows, 4 Colors
		30	3组10排4色 3 Groups, 10 Rows, 4 Colors
		36	3组12排4色 3 Groups, 12 Rows, 4 Colors
		30	2组10排6色 2 Groups, 10 Rows, 6 Colors
		36	2组12排6色 2 Groups, 12 Rows, 6 Colors
	Kyocera	12	3排4色 3 Rows(3*4)
		18	3排6色 3 Rows(3*6)

Making Industry Smarter Together!

一起创造工业数字打印新未来！

得普技术作为一家技术创新型企业，凭借深耕数码印刷行业多年的专业技术团队的研发能力，和对工业化数码印刷需求的深刻理解及全球供应链体系的支持，致力于高速工业数码印刷设备的研发和生产，为建材、纺织及包装等不同工业领域提供创新数码印刷流程解决方案。

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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