G2-TEX

高速纺织工业数码印花机

High Speed Textile
Industrial Digital Printer
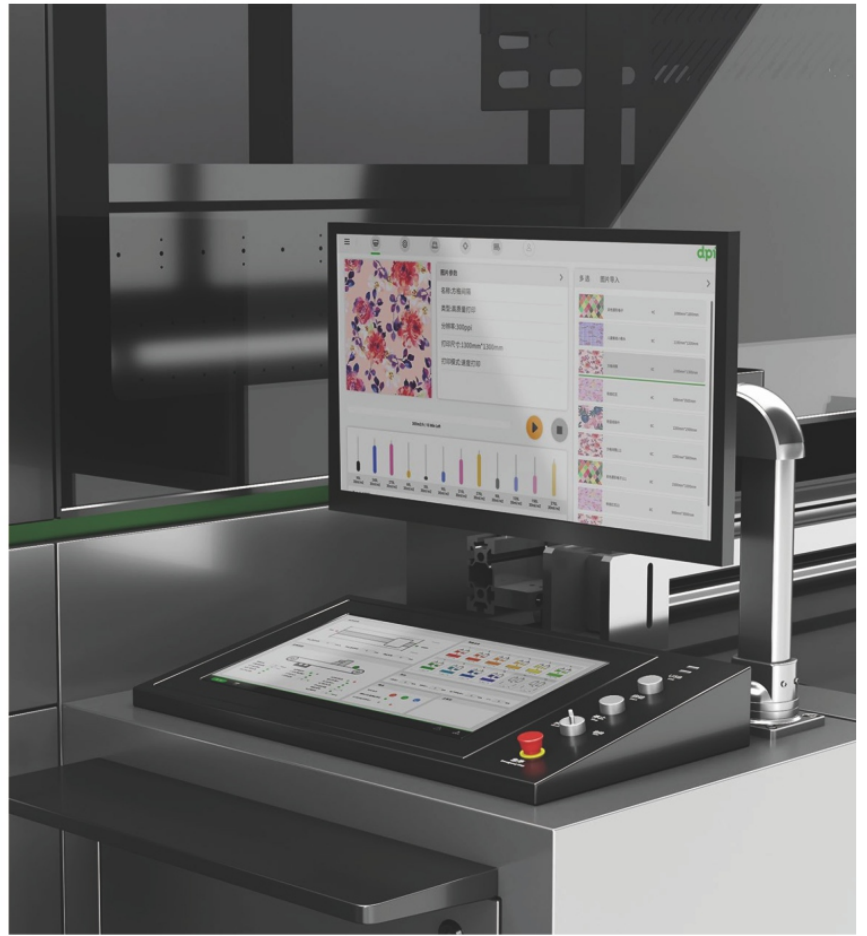
G2-TEX高速纺织工业数码印花机适用于纺织数字印花的多种墨水应用解决方案，可靠且前景光明

Reliable and brilliant multi-ink application solution for textile industrial digital printing

- 秉承DPI人性化设计，机器坚固耐用，易于操作
- G2系列直喷数字喷墨印花机最多可配置**48**个打印头，最多可以配置**8-12**色
- 打印宽幅达到：**2000mm-3400**mm
- 独特的墨路系统可兼容：活性，酸性，高温分散，涂料等各种墨水的应用
- 可适用于各种不同的纺织面料

- Humanized design,durability and easy to use
- Max.**48** Pcs of Print head,Max.colors up to **12**
- Printing width:**2000mm-3400**mm
- The unique ink system is compatible with: reactive,acid,disperse and pigment ink
- Applicable to various textile fabrics

得益于DPI独特的工业设计和精密的电子控制系统，使得G2-TEX具备优质的打印性能

The high-precision Industrial mechanical design and sophisticated motion control system makes high quality printing performance

EASY TO USE
易于操作的打印机

- 置有手动和自动操作功能，并且配置有智能化一键启动操作，使设备操作更加方便简单
- 支持自定义多个文件队列连续打印，无人值守换图生产
- 带互锁功能的前后双手动操作触控屏，操作更简单，安全
- 软件设置打样按钮，一键打样图稿，简化打样操作过程
- 生产图稿打印进度显示，实时掌握生产进度；生产图稿墨量预测，方便生产规划墨水用量
- 界面实时显示设备各个部件的状态，可直观了解设备运行状况和数据统计
- Manual/automatic Dual Operation functions, one-click start operation
- Flexible queues management for continuous printing, unattended production
- Front/rear operation touch screen with interlock protection, easier and safety
- One-Click sample printing button, simplifies the sample printing work
- Real-time display of printing progress, ink consumption calculation , convenient for ink management
- Real-time monitoring of equipment operating status

OUTSTANDING PRINTING TECHNOLOGY
精湛的打印技术

机械/Mechanical

· 特殊设计的钢质横梁的结构，有效降低横梁的形变风险
· 皮带和传动部件选用高标准材料且不易磨损影响精度

· Special design of the steel beam structure, reducing the risk of deformation of the beam
· High-precision transportation belt and transmission parts

供墨系统Ink supply system

· 完全循环的墨路系统
· 独立通道的温度控制系统
· 精准的负压控制
· 配备消除气泡装置

· Completely ink circulating system
· Individual temperature control system of each bar
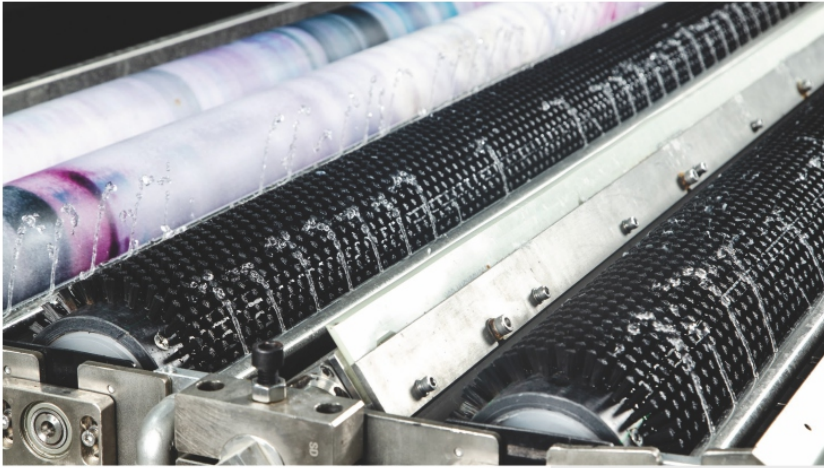· Precise Negative Pressure Control
· Deforming device

软件和电子控制/Software and motion controls

· DPI独立研发适用于纺织行业的打印软件
· 独特的羽化模式导入功能，可根据不同图稿类型选择定制的羽化文件以减少Pass道
· 打印模式自定义，不同图稿选择对应的打印设置。打印图案输出的范围更广
· 支持喷头分区域调节电压，调整喷头色差更加精细
· 精准的波形匹配文件
· 可靠且先进的电子控制系统

· Independently developed printing software designed for textile printing
· Unique feathering mode, customized feathering files according to pattern,reducing the overlap problem
· Tailor-made printing mode, corresponding printing for different pattern
· Partition control nozzle voltage, minimize nozzle color difference
· Accurate waveform files
· Durable Motion control system

BELT WASHING SYSTEM
导带水洗系统

· 先进的导带清洗结构设计,清洗槽采用独立的双槽体结构,可以单独进水和排水;

· 整体清洗结构配置有双刷辊、海绵辊、风刀、吸水布辊和皮带烘干系统,有效保证导带清洁并且
  不残留水渍,提高导带粘性

· 刮刀可以根据清洗效果,具有调整角度的功能

· Advanced belt washing system design, dual sink design,Independent water supply and drainage

· Equipped with double brush rollers, sponge rollers, air blade, water-absorbing rollers and drying system ,effectively ensures
  the stickiness of the belt

· The scraper can adjust the angle according to the cleaning effect

FABRIC FEEDING SYSTEM
独立的上布系统

· 可快速拆卸系统设计,便于运输安装

· 多用途的进布结构,配置有扩幅对中和恒张力装置;可适用于各类纺织面料

· 压布辊带有加热功能和可以持续补偿步进以及持续移动功能

· 2000-3400mm的有效打印宽幅,使设备可兼容更多梭织和针织等不同服装面料的打印宽幅

· 上布可以灵活的使用大、小卷装

· Quick disassembly design for easy transportation and installation

· Compatible feeding system, equipped with expansion centering and constant tension device; applicable for various fabrics

· The pressing roller with heating function, continuous step compensation and continuous movement function

· 2000-3400mm of printing width compatible to various fabrics of woven/knitted

· Flexible feeding system for jumbo/small roll

技术参数
Technical Specification

型号Model	G2-32/G2-48	G2L-32/G2L-48	G2XL-32/G2XL-48
分辨率（dpi） Resolution	600~2400	600~2400	600~2400
可变墨点（PL） Drop Size	5~16	5~16	5~16
喷头数量 Number of Print Head	32~48	32~48	32~48
最大打印宽度(mm) Max. Printing Width	2000	2600	3400
色彩打印通道 Number of Color Channel	6~12	6~12	6~12
喷印平台高度(mm) Height of Printing platform	980	980	980
织物种类Fabrics	各种天然纤维、人造纤维、尼龙和化纤等 Cotton, Rayon, Silk, Polyester, etc	各种天然纤维、人造纤维、尼龙和化纤等 Cotton, Rayon, Silk, Polyester, etc	各种天然纤维、人造纤维、尼龙和化纤等 Cotton, Rayon, Silk, Polyester, etc
墨水种类Inks	活性、酸性、分散、涂料等 Reactive, Acid,Disperse, Pigment, etc	活性、酸性、分散、涂料等 Reactive, Acid,Disperse, Pigment, etc	活性、酸性、分散、涂料等 Reactive, Acid,Disperse, Pigment, etc
压缩空气（mbar） Air	0.6mbar	0.6mbar	0.6mbar
电源 Power supply	三相五线 380V Three phase 5 Wires 380V	三相五线 380V Three phase 5 Wires 380V	三相五线 380V Three phase 5 Wires 380V
装机功率（KW） Power	30KW	30KW	30KW
主机尺寸mm（长x宽x高） Dimension (L*W*H)	5850*5000*2350	6450*5000*2350	7250*5000*2350
重量（T）Weight	8T	9T	10T

产量（按1800mm宽幅计算）
Printing speed
(Based on 1800mm printing width)

机型 Model	分辨率 Resolution	打印层数 No. of Printing pass	双向打印产量 （平方米/小时） Double direction printing speed (㎡/hr)
G2-32	508x600	1	931
	508x1200	2	562
	508x1800	3	403
	508x2400	4	313
	600x600	1	841
	600x1200	2	498
	600x1800	3	354
	600x2400	4	274
G2-48	508x600	1	836
	508x1200	2	495
	508x1800	3	351
	508x2400	4	272
	600x600	1	751
	600x1200	2	436
	600x1800	3	307
	600x2400	4	237

产量（按2600mm宽幅计算）
Printing speed
(Based on 2600mm printing width)

机型 Model	分辨率 Resolution	打印层数 No. of Printing pass	双向打印产量 （平方米/小时） Double direction printing speed (㎡/hr)
G2 L-32	508x600	1	1139
	508x1200	2	660
	508x1800	3	470
	508x2400	4	364
	600x600	1	1019
	600x1200	2	586
	600x1800	3	410
	600x2400	4	310
G2 L-48	508*600	1	1036
	508*1200	2	599
	508*1800	3	421
	508*2400	4	324
	600x600	1	925
	600x1200	2	525
	600x1800	3	366
	600x2400	4	281

产量（按3200mm宽幅计算）
Printing speed
(Based on 3200mm printing width)

机型 Model	分辨率 Resolution	打印层数 No. of Printing pass	双向打印产量 （平方米/小时） Double direction printing speed (㎡/hr)
G2 XL-32	508x600	1	1257
	508x1200	2	723
	508x1800	3	507
	508x2400	4	391
	600x600	1	1118
	600x1200	2	633
	600x1800	3	441
	600x2400	4	338
G2 XL-48	508*600	1	1158
	508*1200	2	658
	508*1800	3	460
	508*2400	4	353
	600x600	1	1026
	600x1200	2	574
	600x1800	3	398
	600x2400	4	305

高速纺织工业数码直喷机系列
High Speed Digital Textile Direct Printer

系列 Model		喷头类型 Print Head	喷头数量 Number Of Print Head	喷头排列 Print Head Configuration
G2 Pro	G2 Pro	Kyocera	48	6排8色 6 Rows(6*8)
			64	8排8色 8 Rows(8*8)
	G2L Pro		48	6排8色 6 Rows(6*8)
			64	8排8色 8 Rows(8*8)
G2	G2		32	4排8色 4 Rows(4*8)
			48	4排12色 4 Rows(4*12)
	G2 L		32	4排8色 4 Rows(4*8)
			48	4排12色 4 Rows(4*12)
	G2 XL		32	4排8色 4 Rows(4*8)
			48	4排12色 4 Rows(4*12)
G2 Mini	G2 Mini		16	2排8色 2 Rows (2*8)
			16	2组2排4色 (共8色) 2 Groups, 2 Rows, 4 Colors(4*4)
			24	3排8色 3 Rows(3*8)
			24	4排6色 4 Rows(4*6)
			32	4排8色 4 Rows(4*8)

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..