

G2-TEX



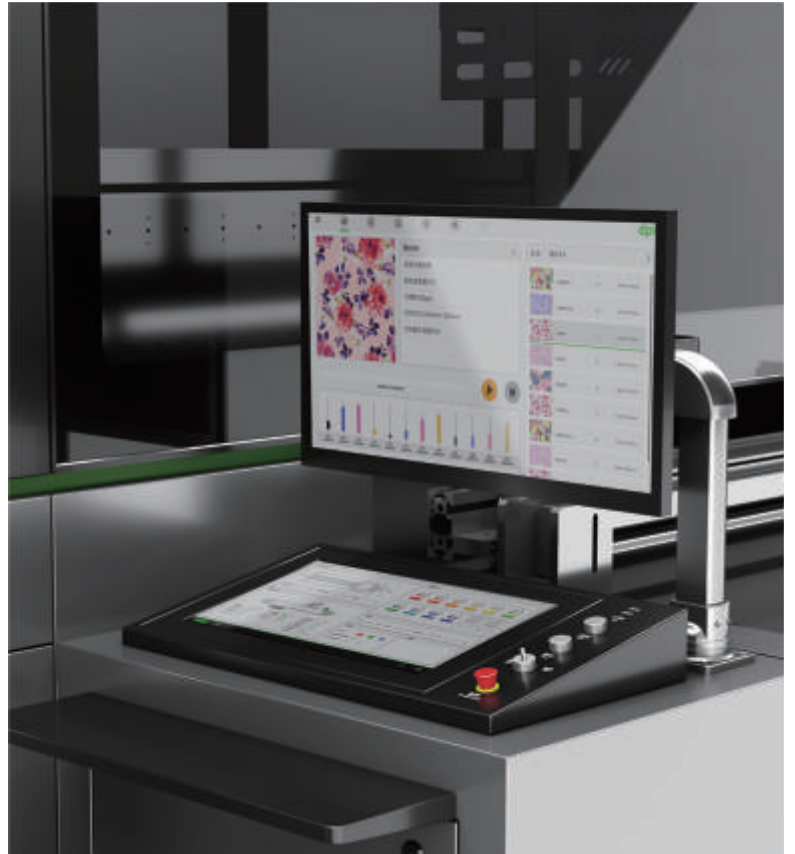
High Speed Textile
Industrial Digital Printer

Reliable And Brilliant Multi-ink Application Solution For Textile Industrial Digital Printing



- Humanized Design, Durability And Easy To Use
- Max.48 Pcs Of Print Head, Max. Colors Up To 12
- Printing Width: 2000mm-3400mm
- The Unique Ink System Is Compatible With: Reactive, Acid, Disperse And Pigment Ink
- Applicable To Various Textile Fabrics

The High-Precision Industrial Mechanical Design And Sophisticated Motion Control System Makes High Quality Printing Performance.



EASY TO USE

- 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



Mechanical

- Special Design Of The Steel Beam Structure,
Reducing The Risk Of Deformation Of The Beam
- High-Precision Transportation Belt And
Transmission Parts

Ink Supply System

- Completely ink Circulating System
- Individual Temperature Control System Of Each Bar
- Precise Negative Pressure Control
- Deforming Device

Software and Motion Controls

- Self-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

- 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

- 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
- **2000-3400 mm** Of Printing Width Compatible To Various Fabrics Of Woven/Knitted
- Flexible Feeding System For Jumbo / Small Roll

Technical Specification

Model	G2-32/G2-48	G2L-32/G2L-48	G2XL-32/G2XL-48
Resolution (dpi)	600~2400	600~2400	600~2400
Drop Size (PL)	5~16	5~16	5~16
Number of Print Head	32~48	32~48	32~48
Max. Printing Width (mm)	2000	2600	3400
Number of Color Channel	6~12	6~12	6~12
Height of Platform (mm)	980	980	980
Fabrics	Cotton, Rayon, Silk, Polyester, etc	Cotton, Rayon, Silk, Polyester, etc	Cotton, Rayon, Silk, Polyester, etc
Inks	Reactive, Acid, Disperse, Pigment, etc	Reactive, Acid, Disperse, Pigment, etc	Reactive, Acid, Disperse, Pigment, etc
Air (MPa)	0.6	0.6	0.6
Power Supply	Three Phase 5 Wires 380v	Three Phase 5 Wires 380v	Three Phase 5 Wires 380v
Power (KW)	30KW	30KW	30KW
Dimension (mm) (L*W*H)	5000*5850*2350	5000*6450*2350	5000*7250*2350
Weight (T)	8T	9T	10T

Printing Speed (Based on 1800mm Printing Width)

Model	Resolution (dpi)	No. of Printing Pass	Double Direction Printing Speed (m ² /hr)
G2-32	508*600	1	931
	508*1200	2	562
	508*1800	3	403
	508*2400	4	313
	600*600	1	841
	600*1200	2	498
	600*1800	3	354
	600*2400	4	274
G2-48	508*600	1	836
	508*1200	2	495
	508*1800	3	351
	508*2400	4	272
	600*600	1	751
	600*1200	2	436
	600*1800	3	307
	600*2400	4	237

Printing Speed (Based on 2600mm Printing Width)

Model	Resolution (dpi)	No. of Printing Pass	Double Direction Printing Speed (m ² /hr)
G2 L-32	508*600	1	1139
	508*1200	2	660
	508*1800	3	470
	508*2400	4	364
	600*600	1	1019
	600*1200	2	586
	600*1800	3	410
	600*2400	4	310
G2 L-48	508*600	1	1036
	508*1200	2	599
	508*1800	3	421
	508*2400	4	324
	600*600	1	925
	600*1200	2	525
	600*1800	3	366
	600*2400	4	281

Printing Speed (Based on 3200mm Printing Width)

Model	Resolution (dpi)	No. of Printing Pass	Double Direction Printing Speed (m ² /hr)
G2 XL-32	508*600	1	1257
	508*1200	2	723
	508*1800	3	507
	508*2400	4	391
	600*600	1	1118
	600*1200	2	633
	600*1800	3	441
	600*2400	4	338
G2 XL-48	508*600	1	1158
	508*1200	2	658
	508*1800	3	460
	508*2400	4	353
	600*600	1	1026
	600*1200	2	574
	600*1800	3	398
	600*2400	4	305

High Speed Digital Textile Direct Printer

Model		Print Head	Number of Print Head	Print Head Configuration
G2 Pro	G2 Pro	Kyocera	48	6 Rows(6*8)
			64	8 Rows(8*8)
	G2 L Pro		48	6 Rows(6*8)
			64	8 Rows(8*8)
G2	G2		32	4 Rows(4*8)
			48	4 Rows (4*12)
	G2 L		32	4 Rows(4*8)
			48	4 Rows (4*12)
		G2 XL	32	4 Rows(4*8)
			48	4 Rows (4*12)
G2 Mini	G2 Mini	16	2 Rows(2*8)	
		16	2 Groups, 2 Rows, 4 Colors(4*4)	
		24	3 Rows(3*8)	
		24	4 Rows(4*6)	
		32	4 Rows(4*8)	

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..