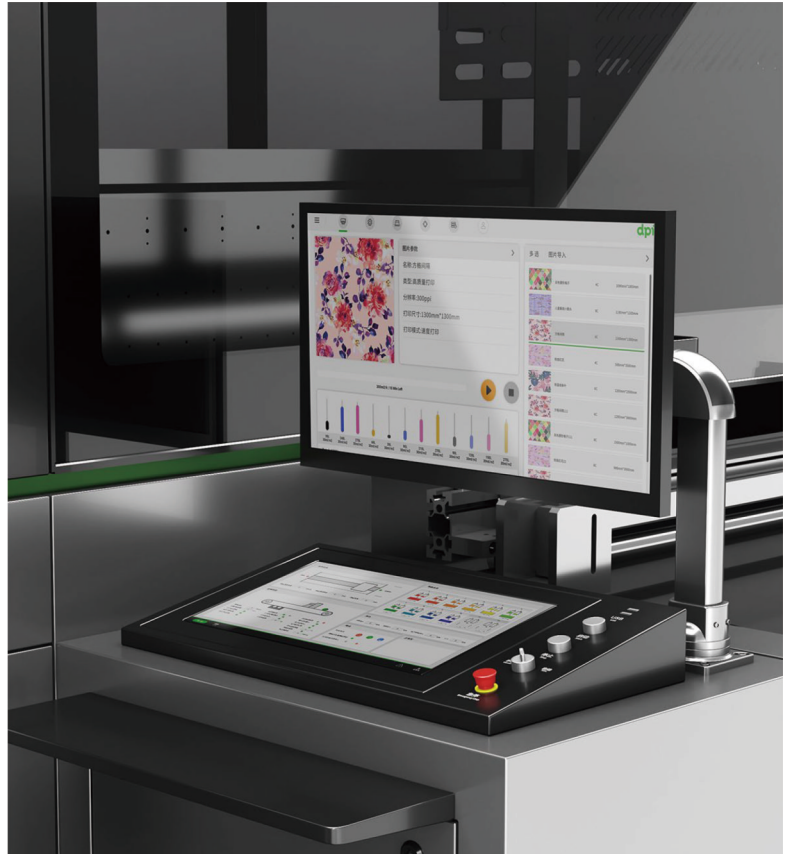# G2-TEX

dpi

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

· Bubble Eliminating 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
· **2000-2600 mm** Of Printing Width Compatible To Various Fabrics Of Woven/Knitted
· Flexible Feeding System For Jumbo / Small Roll

Technical Specification

Model	G2-32(4*8) / G2-48(4*12)	G2L-32(4*8) / G2L-48(4*12)	G2XL-32(4*8) / G2XL-48(4*12)
Max. Printing Width (mm)	2000	2600	3400
Resolution (dpi)	600~2400		
Drop Volume (pL)	5~16		
Number of Print Head	32~48		
Number of Color Channel	8~12		
Height of Platform (mm)	980		
Fabrics	Cotton, Rayon, Silk, Polyester, etc		
Inks	Reactive, Acid, Disperse, Pigment, etc		
Air (MPa)	0.6		
Power Supply	Three Phase 5 Wires 380v		
Power (KW)	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)	Number of Printing Pass	Double Direction Printing Speed (m/hr)	(ft/hr)
G2-32 (4*8)	508*600	1	517	1696
	508*1200	2	312	1023
	508*1800	3	223	731
	508*2400	4	173	567
	600*600	1	467	1532
	600*1200	2	276	905
	600*1800	3	196	643
	600*2400	4	152	499
G2-48 (4*12)	508*600	1	464	1522
	508*1200	2	275	902
	508*1800	3	195	640
	508*2400	4	151	495
	600*600	1	417	1368
	600*1200	2	242	794
	600*1800	3	170	558
	600*2400	4	131	430

Printing Speed (Based on 2600mm Printing Width)

Model	Resolution(dpi)	Number of Printing Pass	Double Direction Printing Speed (m/hr)	(ft/hr)
G2 L-32 (4*8)	508*600	1	438	1437
	508*1200	2	253	830
	508*1800	3	180	590
	508*2400	4	140	459
	600*600	1	391	1282
	600*1200	2	225	738
	600*1800	3	157	515
	600*2400	4	119	390
G2 L-48 (4*12)	508*600	1	398	1305
	508*1200	2	230	754
	508*1800	3	161	528
	508*2400	4	124	407
	600*600	1	355	1164
	600*1200	2	201	659
	600*1800	3	140	459
	600*2400	4	108	354

Printing Speed (Based on 3200mm Printing Width)

Model	Resolution(dpi)	Number of Printing Pass	Double Direction Printing Speed (m/hr)	(ft/hr)
G2 XL-32 (4*8)	508*600	1	392	1286
	508*1200	2	225	738
	508*1800	3	158	518
	508*2400	4	122	400
	600*600	1	349	1145
	600*1200	2	197	646
	600*1800	3	137	449
	600*2400	4	105	344
G2 XL-48 (4*12)	508*600	1	361	1184
	508*1200	2	205	672
	508*1800	3	143	469
	508*2400	4	110	361
	600*600	1	320	1050
	600*1200	2	179	587
	600*1800	3	124	407
	600*2400	4	95	312

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..