

G2 Mini-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. **32** Pcs Of Print Head, Max. Colors Up To **10**
- Printing Width: **1800mm/2600mm**
- The Unique Ink System Is Compatible With: Reactive, Acid, Disperse And Pigment Ink
- Applicable To Various Textile Fabrics



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

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



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

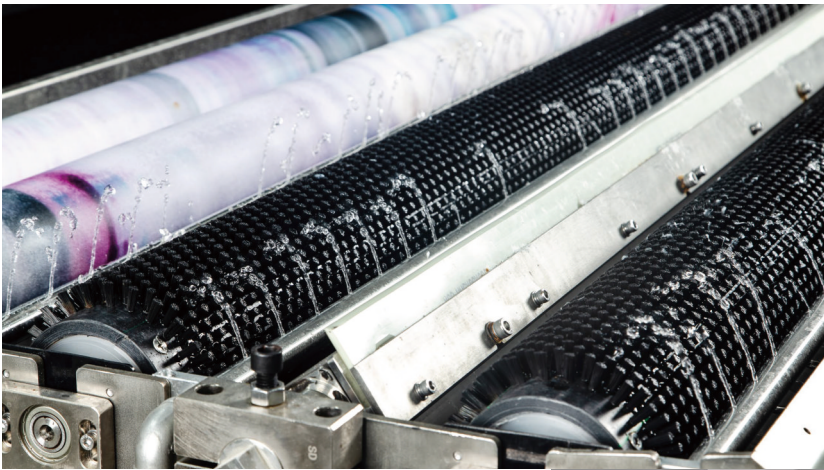
- Completely ink Circulating System
- Individual Temperature Control System Of Each Bar
- Precise Negative Pressure Control
- Deforming Device

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
- **1800mm/2600 mm** Of Printing Width Compatible To Various Fabrics Of Woven/Knitted
- Flexible Feeding System For Jumbo / Small Roll

Technical Specification

Model	G2 Mini-16 (2*8)	G2 Mini-16 (4*4)	G2 Mini-20 (2*10)	G2 Mini-24 (4*6)	G2 Mini-24 (3*8)	G2 Mini-30 (3*10)	G2 Mini-32 (4*8)
Resolution (dpi)	600~2400						
Drop Volume (pL)	5~16						
No. of Print Head	16	16	20	24	24	30	32
Max. Printing Width (mm)	1800						
Number of Color Channel	8	8	10	6	8	10	8
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)	20KW						
Dimension (mm) (L*W*H)	2700*5400*2300						
Weight (T)	6						

Model	G2 Mini L-20 (2*10)	G2 Mini L-24 (3*8)	G2 Mini L-24 (4*6)	G2 Mini L-30 (3*10)	G2 Mini L-32 (4*8)
Resolution (dpi)	600~2400				
Drop Volume (pL)	5~16				
No. of Print Head	20	24	24	30	32
Max. Printing Width (mm)	2600				
Number of Color Channel	10	8	6	10	8
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)	20KW				
Dimension (mm) (L*W*H)	2700*6200*2300				
Weight (T)	7				

Printing Speed
(Based on 1800mm Printing Width)

Model	Resolution (dpi)	No. Of Printing Pass	Double Direction Printing Speed (m/hr) (ft/hr)	
G2 Mini-16 (2*8)	508*600	1	311	1020
	508*1200	2	174	571
	600*600	1	277	909
	600*1200	2	152	499
G2 Mini-16 (4*4)	508*1200	2	366	1200
	508*2400	4	194	636
	600*1200	2	327	1073
	600*2400	4	172	564
G2 Mini-20 (2*10)	508*600	1	285	935
	508*1200	2	147	482
	600*600	1	253	830
	600*1200	2	133	436
G2 Mini-24 (4*6)	508*600	1	550	1804
	508*1200	2	338	1109
	600*600	1	501	1643
	600*1200	2	300	984
G2 Mini-24 (3*8)	508*600	1	424	1391
	508*1200	2	244	800
	600*600	1	377	1237
	600*1200	2	216	708
G2 Mini-30 (3*10)	508*600	1	405	1328
	508*1200	2	211	692
	600*600	1	361	1184
	600*1200	2	194	636
G2 Mini-32 (4*8)	508*600	1	517	1696
	508*1200	2	312	1023
	600*600	1	467	1532
	600*1200	2	276	905

Printing Speed
(Based on 2600mm Printing Width)

Model	Resolution (dpi)	No. Of Printing Pass	Double Direction Printing Speed (m/hr) (ft/hr)	
G2 Mini L-20 (2*10)	508*600	1	237	777
	508*1200	2	119	390
	600*600	1	223	731
	600*1200	2	107	351
G2 Mini L-24 (4*6)	508*600	1	476	1561
	508*1200	2	284	932
	600*600	1	411	1348
	600*1200	2	246	807
G2 Mini L-24 (3*8)	508*600	1	355	1164
	508*1200	2	213	699
	600*600	1	321	1053
	600*1200	2	193	633
G2 Mini L-30 (3*10)	508*600	1	338	1109
	508*1200	2	176	577
	600*600	1	319	1046
	600*1200	2	157	515
G2 Mini L-32 (4*8)	508*600	1	438	1437
	508*1200	2	253	830
	600*600	1	391	1282
	600*1200	2	225	738

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..

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