

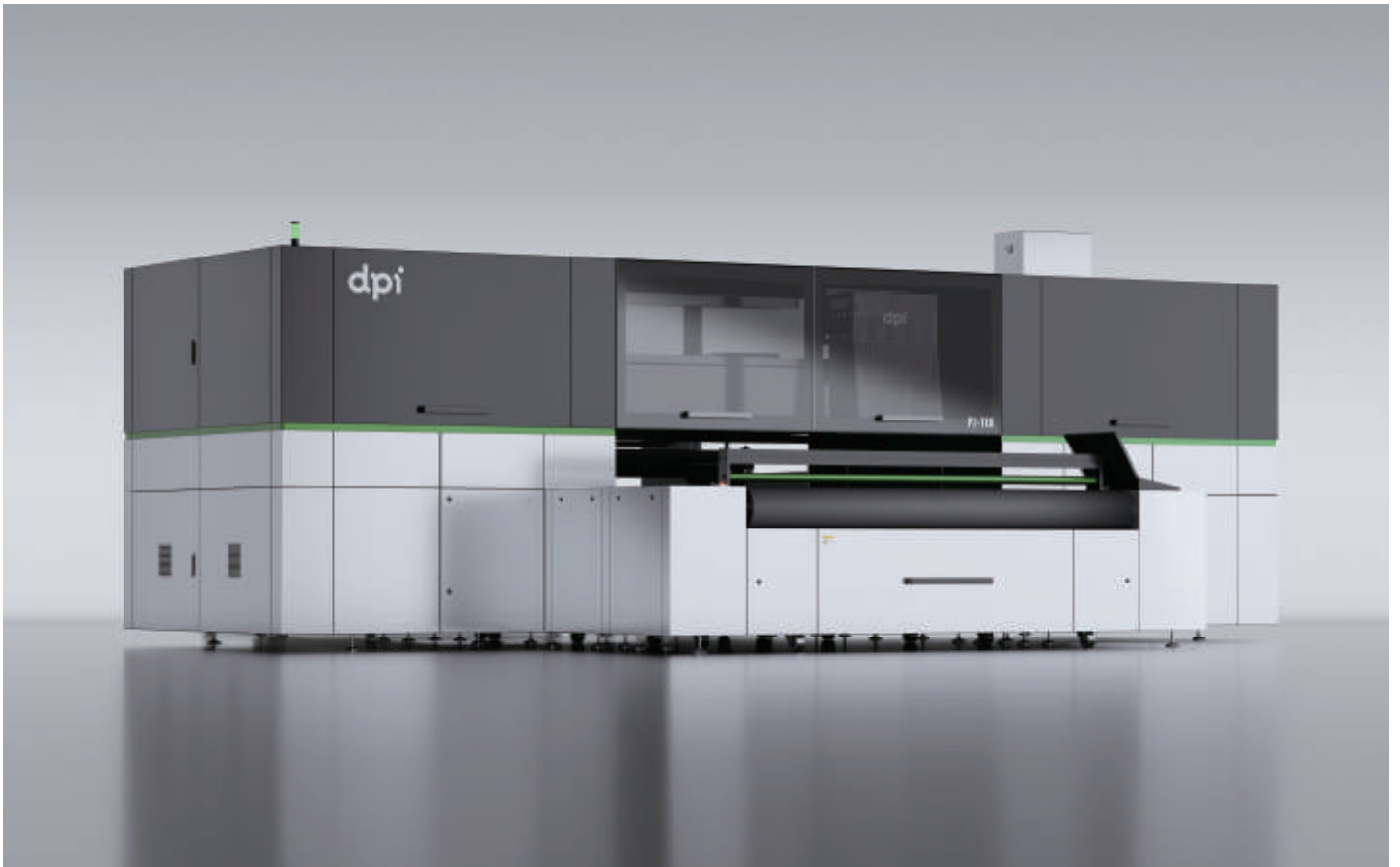
P2-TEX

POWER MULTI PASS DIRECT PRINTER

Biggest Multi Pass Direct Printer

Max **120** Pcs Of Print Head

Max Daily Productivity Up to **50000m²**

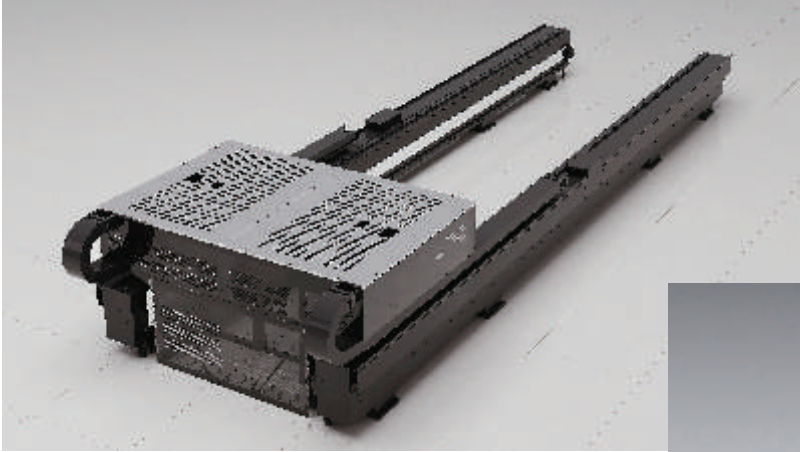


- Printing Width: **2000-3400mm**
- Productivity: Single/Double Roll Print Mode, Super Flexible, Extremely Productive
- Customization: Variable Print Head Configurations, Optimize Initial Investment Costs
- Highly Productivity And Maximum Compatibility For Different Pattern Designs

*Max Daily Productivity Up To 50,000 m² Based On Printing Width Of 3200 mm.

DOUBLE BEAM DESIGN

Double Beam Double Linear Motor Driven Tech Is Designed For Maximum Stability And Accuracy, Facilitates The Operation Of The Carriage And For Easy Maintenance Of The Print Head



EASY TO USE

- Modular Design: Segmented Design , Easy Transportation And Installation
- "Ultra Color" Configuration: **Max Colors Up To 12**. "Mirror Array" Printing Tech
- Automatic Cleaning System: Double Scraper Design, One-Click Automatic Cleaning Function
- Precise Conveyor: "State-Of-The-Art" Conveyor Design Guarantee The Highest Precision Stepping Transmission of the Belts
- Belt Washing System: Double Individual Sink Design, Patented Design Of Belt Cleaning System
- Fabrics Feeding System: Multi-functional Fabrics Feeding System, Compatible For Different Woven/Knitted Fabrics

INK SUPPLY SYSTEM

- Ink Circulating System:**

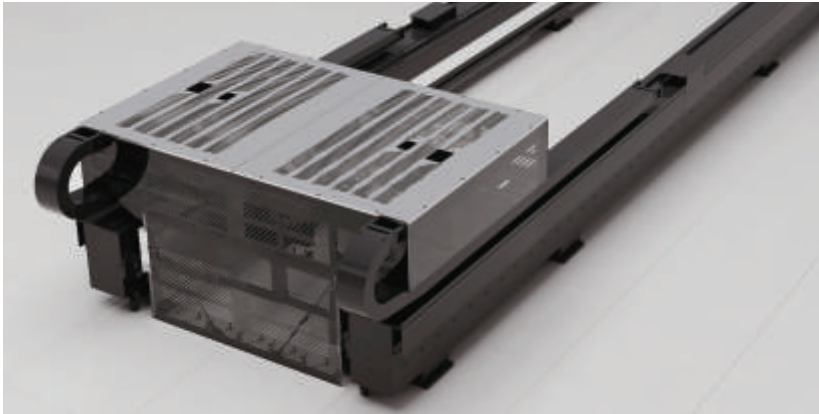
Individual Negative Pressure Control System Effectively Ensures Ink Circulation

- Ink "Constant-Temp" System:**

Effectively Guarantee the Stability and Quality Of Printing Work

- Ink Compatibility:**

Individual Print Head Moisturizing Applied For Reactive ,Acid, Disperse and Pigment Ink



OPERATION AND MAINTENANCE

- Operation Interface:**

Touch Screen HMI Operation, One-Click Operation

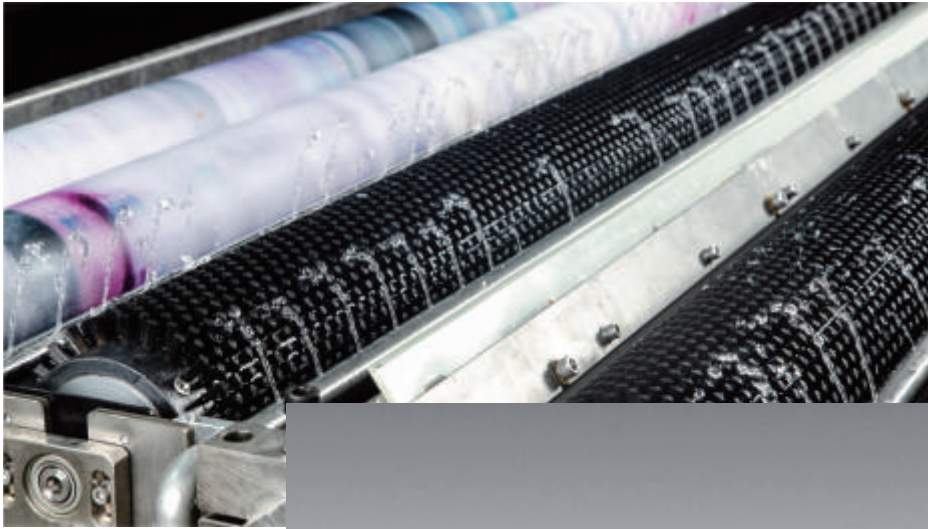
- Power Distribution/Motion Control Center:**

Industrial Design, Standardized Wiring And Easy-To-Use

BELT WASHING SYSTEM

·Belt Washing System:

Double Individual Sink Design, Patented Design Of Belt Cleaning System To Ensure The Belt Doesn't Stick To Ink, Fibres And Impurities During High Speed Printing Mode



FABRICS FEEDING SYSTEM

- Quick Disassembly Design For Easy Transportation And Installation
- Multi-functional Fabrics Feeding System, Compatible For Different Of Woven/Knitted Fabrics

Technical Specification

Model	P2-120	P2 L-120	P2 XL-120
Resolution (dpi)	600~2400	600~2400	600~2400
Drop Size (PL)	5~16	5~16	5~16
Number of Print Head	120	120	120
Max. Printing Width (mm)	2000	2600	3400
Colors Channel	8~12	8~12	8~12
Height of Platform (mm)	1020	1020	1020
Fabrics	Various Cotton, Rayon, Silk, Polyester, etc	Various Cotton, Rayon, Silk, Polyester, etc	Various 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)	50	50	50
Dimension (mm) (L*W*H)	7600*7200*2600	7600*7800*2600	7600*8600*2600
Weight (T)	18	21	24

Printing Speed (Based on 1800mm Printing Width)

Model	Print Head Configuration	Resolution (dpi)	Number of Printing Pass	Double Direction Printing Spees(m ² /hr)
P2-120	10 Rows 10*12	508*600	1	1900
		508*1200	2	1100
		508*1800	3	820
		508*2400	4	653
		600*600	1	1700
		600*1200	2	1030
		600*1800	3	710
		600*2400	4	567
P2-80	10 Rows 10*8	508*600	1	2100
		508*1200	2	1300
		508*1800	3	950
		508*2400	4	750
		600*600	1	1900
		600*1200	2	1130
		600*1800	3	830
		600*2400	4	680

Printing Speed (Based on 2600mm Printing Width)

Model	Print Head Configuration	Resolution (dpi)	Number of Printing Pass	Double Direction Printing Speeds(m ² /hr)
P2 L-120	10 Rows 10*12	508*600	1	2416
		508*1200	2	1440
		508*1800	3	1026
		508*2400	4	797
		600*600	1	2158
		600*1200	2	1261
		600*1800	3	890
		600*2400	4	680
P2 L-80	10 Rows 10*8	508*600	1	2600
		508*1200	2	1565
		508*1800	3	1110
		508*2400	4	880
		600*600	1	2300
		600*1200	2	1380
		600*1800	3	978
		600*2400	4	754

Printing Speed (Based on 3200mm Printing Width)

Model	Print Head Configuration	Resolution (dpi)	Number of Printing Pass	Double Direction Printing Speeds(m ² /hr)
P2 XL-120	10 Rows 10*12	508*600	1	2700
		508*1200	2	1570
		508*1800	3	1100
		508*2400	4	850
		600*600	1	2400
		600*1200	2	1360
		600*1800	3	950
		600*2400	4	720
P2 XL-80	10 Rows 10*8	508*600	1	2932
		508*1200	2	1743
		508*1800	3	1220
		508*2400	4	990
		600*600	1	2600
		600*1200	2	1524
		600*1800	3	1075
		600*2400	4	831

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..