

Flora TX-320DS Printer

TECHNICAL SPECIFICATIONS

Print	2-6 Ricoh Gen 5 Print heads			
Print head	(Non enregistré)			
Print modes		6 heads	4 heads	2 heads
	605x600dpi(2Pass)	200 sqm/h	140 sqm/h	70 sqm/h
	605x900dpi(3Pass)	135 sqm/hr	100sqm/hr	48 sqm/hr
	605x1200dpi(4Pass)	100 sqm/hr	70 sqm/hr	32 sqm/hr
Print resolution	Up to 605*1200 dpi			
Technology	Piezoelectric inkjet, Grayscale Technology			
Ink types	Disperse & Dye-sublimation			
Ink cartridge colors	Cyan, Magenta, Yellow, Black			
Ink cartridge size	4 liter (Cyan, Magenta, Yellow, Black)			
File formats	TIFF, JPEG, Postscript, EPS, PDF, etc.			
Rip software	Photoprint Flora Edition 10.5, Caldera, Onyx(Optional)			
Media System				
Loading & Take-up System	Printing and take-up linkage mechanism, adjustable tension system			
Roll-feed media support	Transfer paper, polyester fabric, blended fabric, blackout fabric etc. up to 3250mm wide, with a roll dimension 40cm,up to 100kg in weight			
Heating				
	Daul barreled infrared drying in the front. Printing system and heating system linkage mechanism			
Dimensions (l x w x h)				
Printer	523 x 98 x 172cm			
Shipping	574 x 110 x 210cm			
Weight				
	1100kg			
Operating conditions				
Temperature	20 to 30 C			
Relative Humidity	20% - 80%, non-condensing			
Power				
Maximum	System: 950W		Heating: 19.2kw	
Requirements	System Voltage: 220VAC, signal-phase, 50/60 Hz, 16A			
	Heating Voltage: 380VAC, Three-phase, 50/60 Hz, 52A			
Warranty				
	One year limited warranty. (please consult your local dealer for accurate data)			

FOR MORE INFORMATION, VISIT OUR WEBSITE AT



www.floradigital.com.cn



Flora Digital Printing

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Flora TX-320DS PRINTER
High-speed Direct Sublimation Printer



- Gray scale printing technology applicable
- Printing Speed up to 200sqm/hr, Resolution up to 605x1200DPI
- Printing Width up to 3.2m with no limit for length
- Printing , Drying and Roll winding function all in one
- Disperse ink directly printing on fabric & Dye-sublimation ink on transfer paper
- Printing capability on transfer paper ,polyester fabric, blended fabric, blackout fabric etc

We manufacture one of the
Finest, Long-lasting, Outstanding, Reliable, and Affordable
digital printing systems
That's why our company stands by its name



Flora TX-320DS PRINTER

High-Speed Direct Sublimation Printer
Modifier PDE
(Non enregistré)



1. Grayscale technology

Max. to 3 rows, with 6 Ricoh Gen5 print heads with variable drop size minimum starts from 7 pl to 35pl. This allows users to produce more sharp images output with smoother gradients and quartertones, meanwhile to produce uniform, solid colors.



2. Automatic nozzle suction, cleaning and capping system to the print heads.

To ensure continuous production, and for a possible ink reuse under circulation.



3. Bubble reduction degasser system

The degasser system is to eliminate the bubble inside the ink, to avoid any ink starvation during printing.



4. Self-adjusting negative pressure system

Automatic negative pressure adjustment system and lung type air tank provide guarantee for stable negative pressure.



5. Subtank Internal Ink Recirculation System

Internal recirculation system can effectively avoid the ink precipitation clogging the nozzles



6. Two adjustable pressure pinch roller system

High precision servo motor, large rubber roller and two adjustable pressure pinch roller effective guarantee the media feeding, no wrinkle.



7. Metal Encoder Strip and Dual Rail

More accurate ink drop location, higher degree of accuracy printing.



8. Infrared Drying System

Double-barreled infrared drying in the front. Heating and drying will be terminated immediately while stop printing, which effectively avoid the color difference due to different heating and drying period.



9. Loading and Tension system and Wrinkle get-rid-of system.

Eliminate and get rid of wrinkle on the surface of textile efficiently, to ensure every single drop on the proper location during printing.



* water-based ink, environmental friendly