

# Flora TX-320DS Printer

## TECHNICAL SPECIFICATIONS

Print				
Print head	2-6 Ricoh Gen 5 Print heads			
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](http://www.floradigital.com.cn)



Flora Digital Printing

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Digital Printing System

# 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  
**F**inest, **L**ong-lasting, **O**utstanding, **R**eliable, and **A**ffordable  
digital printing systems

That's why our company stands by its name

# Flora TX-320DS PRINTER

High-speed Direct Sublimation Printer



## 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