

High-speed Digital Textile Printer



T-100 Textile Printer

Key Product Features

- Grayscale printing technology applicable
- Printing speed up to 1200 sqm/day
- Reactive, Disperse, Acid and Pigment ink optional
- Printing width up to 1.8 m
- 8 colors optional
- Unwinding, printing, drying & winding functions all in one



Automatic Height Calibration System

For printing on different thickness textile : The auto height calibration pin automatically detects and gauges the distance between the print heads and loaded textile. It then automatically adjusts to the optimized print height based on the thickness of the loaded textile.



Automatic Washing-Cleaning- Heating system to the Conveyer Belt

Spray nozzle, brush and sponge roller for washing of blanket. It washes off the ink remains on the conveyer belt keeping it clean and dry; this keeps the printing fabric away from ink contamination and ensures high effective printing output.



Printing and Drying Control Mode

Double-barrelled infrared drying is located in the front. Heating and drying is terminated immediately when printing is stopped, this effectively avoids the color difference due to different heating and drying period.



Metal Encoder Strip & Metal Encoder Reader

Metal raster encoder and strip helps ink drop placement much more accurate for high quality printing.



Take-up and Tension System

Convenient for loading and unloading the media, which is also suitable for frequent media replacement even in small workplace.



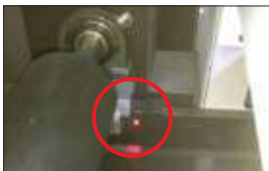
Loading & Wrinkle Removal System

Compact design removes wrinkle on the surface of textile efficiently. Flat and stable feeding ensures every single drop is on the proper location during printing.



Rotary Encoder

Feedback encoder for accurate stepping of the blanket in printing.



Fabric Fold Detect Sensor

Laser sensor detection effectively detect uneven or wrinkled fabric, pauses printing process, hence protecting the print heads.



Alarm for Low ink in main tank

This alarm indicates at reserve level, ink is low in main tank and helps to avoid entry of any air in the ink pipeline of the system



Bulk Ink Supply Barrel

3ltr volume ink supply for a continuous production.

T-100

Textile Printer



Grayscale Technology

Equipped with 4~8 Ricoh printheads with variable drop size-min 7 pl to max 35 pl. This allows users to produce more sharp image output with smoother gradients and quartertones, meanwhile producing uniform and solid colors.



Automatic Nozzle Suction, Cleaning & Capping System

This ensures continuous production & possible ink reuse under circulation.



Bubble Reduction Degasser System

The degasser system eliminates the bubble inside the ink to avoid any ink starvation during printing.

TECHNICAL SPECIFICATIONS

Print head	4~8 Ricoh Gen5		
Printer Model	Flora T-100		
Speed	Sr. No.	Printing width	High quality print speed (605 x 600dpi, 2 PASS)
	1	40"	68 sq mtr/hr
	2	44"	70 sq mtr/hr
	3	60"	75 sq mtr/hr
Print Resolution	Up to 600*1200 dpi		
Ink type	Reactive	Cyan, Magenta, Yellow, Black, Gray, Red, Orange, Blue	
	Acid	Cyan, Magenta, Yellow, Black, Gray, Red, Orange, Blue	
	Disperse	Cyan, Magenta, Yellow, Black	
	Pigment	Cyan, Magenta, Yellow, Black	
RIP Software	Neostampa, RIP Master		
Media System			
Loading & Take-up System	Conveyor feeding system with Wrinkle removal loading and take-up tension system		
Roll-feed media support	Cotton, linen, silk, dacron, nylon, etc. up to 180 cm wide, with a roll dimension 40 cm, up to 100 kg in weight		
Conveyor System			
	Online automatic washing, cleaning and heating system		
Heating			
	Dual barrelled infrared drying in the front. Printing system and heating system linkage mechanism		
Dimensions (l x w x h)			
Printer	380 x 156 x 150 cm		
Shipping	413 x 193 x 186 cm		
Weight			
	1500 kg		
Operating conditions			
Temperature	20°C - 30°C		
Relative Humidity	55% - 65%, non-condensing		
Power			
Maximum	3.6 kW(System), 10 kW(Heating)		
Requirements	Input voltage: 200 - 240 VAC, single phase, 50/60 Hz, 16A(System), 50A(Heating)		
Warranty			
	One year limited warranty. (please consult your local dealer for accurate data)		

*Specifications are subject to change without prior notice



www.jayinst.com
sales@jayinst.com

JAY INSTRUMENTS AND SYSTEMS PRIVATE LIMITED

Head Office :

E-16, Everest, Tardeo Road,
Mumbai - 400 034.
Tel. : 91-22-2352 6207/8/9
Fax. : 91-22-2352 6210

Navi Mumbai Office :

C-64, TTC - Industrial Area,
Turbhe, Navi Mumbai - 400 703.
Tel. : 91-22-2767 2955 / 0092
Fax. : 91-22-2767 0161

Branches : Ahmedabad, Baroda, Chennai, Delhi, Hubballi, Hyderabad, Surat, Tirupur.