

Large Format Inkjet Printer (Direct)



T-100

Features

- 8 Ricoh Gen5E printheads
- Production speed of 72 sqm/hr (2 pass High quality)
- 1.8m printing width
- Medium speed industrial production
- Compact unit which can save floor space
- Automatic Washing, Cleaning and Heating System to the Conveyor belt
- All in one Unwinding, printing, drying & winding functions
- Reactive, Disperse, Acid and Pigment ink from Jaysynth



Automatic Nozzle Suction, Cleaning & Capping System

This ensures continuous production possible ink reuse under circulation



Bubble Reduction Degasser System

The degasser system eliminates bubble & dissolve gas inside the ink to avoid any ink starvation during printing



Automatic Height Calibration System

For printing on various thicknesses media : 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 media



Automatic Washing-Cleaning- Heating system to Conveyor Belt

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



Printing and Drying Control Mode

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

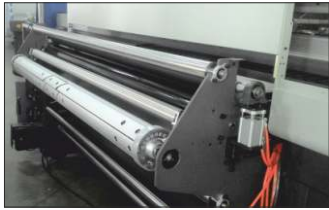


Metal Encoder Strip & Metal Encoder Reader

Metal raster encoder and strip helps ink drop placement more accurately for high quality printing

Grayscale Technology

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



Loading & Wrinkle Removal System

Compact design removes wrinkle on the surface of media 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



Fold Detect Sensor

Laser sensor detection effectively detect uneven or wrinkled media and pauses the 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

Three liter volume of ink supply for continuous production

Take-up and Tension System

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

Specifications*

Printhead	4~8 Ricoh Gen5	
Production speed	Printing speed	Medium quality print speed
	2 pass	72sqm/hr
Print resolution	Upto 600 x 1200dpi	
Ink cartridge size	3L	
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, Orange, Red, Blue, Green
RIP software	Neostampa	
Media system	Conveyor feeding system with Wrinkle removal loading and take-up tension system	
Roll-feed media support	upto 180 cm wide, upto 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 (mm)	3800 x 1560 x 1500	
Packaging (mm)	4130 x 1930 x 1860	
Printer weight	1500 kg	
Operating Environment		
Temperature	22°C - 28°C	
Humidity	55% - 65%, non-condensing	
Power		
Printer power	220V (single phase), 10KVA-UPS	
Air pressure	6 bar	
Warranty	One year limited warranty (please consult your local dealer for accurate data)	

*Specifications are subject to change without prior notice

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