

# Large Format Inkjet Printer (Sublimation)

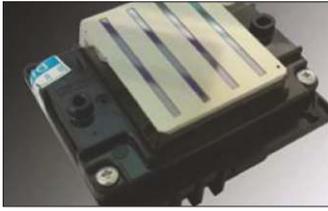


## DCTE2-1916

**Engineered for Highest Precision and Productivity**

### Features

- 16 Epson i3200 printheads
- Production speed of 590 sqm/hr (1pass)
- 1.9m printing width
- Inbuilt front and bottom dryer
- Carriage base plate of high precision makes the head position adjustment more convenient
- Embedded magnetic clutch ensure the media take-up tension is constant for guaranteed stability and print quality.
- Integrated head cleaning and moisture capping module
- Fully sealed auto moisturizing and cleaning
- Super high density sublimation ink from Jaysynth for brightest prints on lower GSM paper.



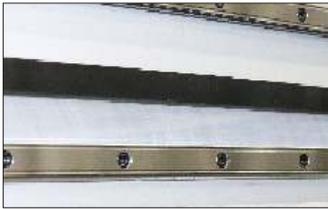
### **High Resolution Printhead**

Advanced electrical board system. Standard 16 Epson i3200 printheads. It adopts advanced board control technology. It is equipped with 3200 nozzles per head with 3.5pl ink droplets, and the printing resolution upto 2400dpi. Industrial design ensures the durability of the printheads.



### **Foggy & VSDT Printing**

The inclusion of a unique two-dimensional intelligent foggy and wave-foggy function, along with VSDT (Variable Droplet Technology), enhances printing quality significantly. These features allow for precise control over droplet size and distribution, resulting in sharper details, smoother gradients, and overall improved print output



### **Wider and thicker guider with THK silent double guide rails**

Japanese THK mute linear guide rail makes movement more stable with longer working life, lower noise & high resolution



### **Pinch Roller**

Independent adjustable lifting paper rubbing wheel effectively solves problems such as uneven media drumming during printing



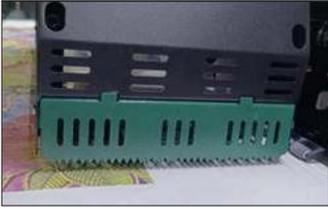
### **Air Shaft**

The air shaft media system supports 3000 meter media roll and the media drive by variable frequency motor



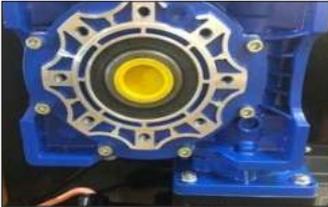
### **Advanced Capping Station**

The printer is equipped with an advanced intelligent auto printhead cleaning and moisturizing device. This system effectively pumps ink and maintains optimal moisture levels, ensuring the smooth flow of ink through the printheads for consistent and reliable printing results



### **The anti-collision device protects print head while working**

The anti-collision device serves to protect the print head during operation, minimizing the risk of damage from accidental collisions with obstacles or other objects. This feature helps maintain the integrity of the print head and ensures uninterrupted printing performance



### **Winding Motor**

Analog sensor + servo motor can effectively solve the step deviation caused by materials with different diameters and thickness, ensuring stable material feeding and neat take-up



### **Main Ink Tank**

10L large ink tank provide a stable ink supply system to ensure amazing continuous printing



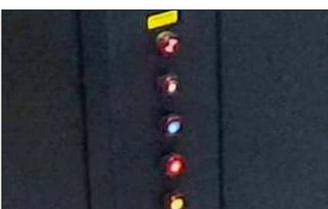
### **Front + bottom infrared drying system**

Two external infrared drying systems are used for drying control at the front and bottom



### **Wrinkle removal**

Wrinkle removal roller feeding system ensures that the material is more stable and neat



### **Intelligent Ink Starving Alarm**

The system minimizes the need for frequent checking of ink levels and provides timely reminders for ink replenishment. This feature streamlines work flow by ensuring that ink levels are monitored efficiently, reducing downtime and potential interruptions to printing operations

## Specifications\*

<b>Model No.</b>	DCTE2-1916	
<b>Printhead</b>	Epson i3200 (16 pcs)	
<b>Nozzle</b>	400/row x 8 channels = 3200 total nozzles	
<b>Resolution</b>	2400dpi	
<b>Colors</b>	C M Y K	
<b>Printing width</b>	1.9m (74.8 inch)	
<b>Print speed (1.8m media width)</b>	1 pass	470 sqm/hr
	2 pass	250 sqm/hr
<b>Ink type</b>	Dye Sublimation ink	
<b>Printing media types</b>	Transfer paper	
<b>Computer configuration</b>	OS- Win 10, Processor- i7, RAM- 8GB, SSD - 500 GB, HDD - 1TB	
<b>Interface</b>	USB 3.0	
<b>Media transfer</b>	Auto air shaft feeding and take-up system	
<b>RIP software support</b>	Neostampa	
<b>Picture format</b>	EPS, TIF, JPG, PDF	
<b>Sending materials type</b>	Roll to Roll 100 - 3000 meter roll size	
<b>Head Moisture Method</b>	Fully sealed auto moisturizing and cleaning	
<b>Dimensions (l x w x h)</b>		
<b>Printer (mm) / Weight</b>	3734 x 1232 x 1588 / 850 kg	
<b>Package size / Weight</b>	3860 x 1130 x 2000 / 890 kg	
<b>Operating Environment</b>		
<b>Temperature</b>	22°C-28°C	
<b>Humidity</b>	55%-65%	
<b>Power</b>		
<b>Printer Power</b>	2kW UPS (Single Phase)	
<b>Heater (Inbuilt)</b>	18kW Mains (Single Phase)	

\*Specifications are subject to change



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