

Large Format Inkjet Printer (Sublimation)

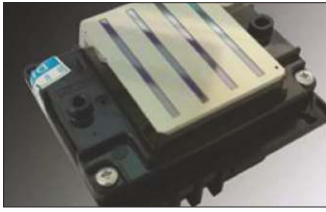


DCTE2-1916

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



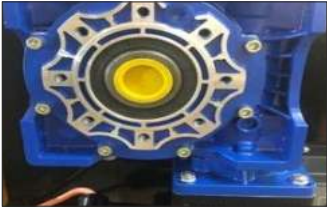
Advanced Capping Station

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*

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

*Specifications are subject to change

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