

Large Format Inkjet Printer (Sublimation)

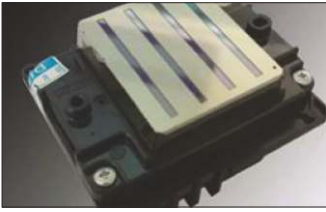


DCTE2-3216 and DCTE2-3224

Engineered for Highest Precision and Productivity

Features

- 16 or 24 Epson i3200 printheads
- Production speed of 680 sqm/hr (1pass) : DCTE2-3216
980 sqm/hr (1 pass) : DCTE2-3224
- 3.2m 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 8 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 1000 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

Frequency 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

5L large ink tank provide a stable ink supply system with reminder for refill



Front + bottom infrared drying system

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



Platform

Honeycomb suction platform ensure the flatness of the paper more effectively when printing



Carriage plate

Carriage base plate increases double side heating

Specifications*

Model No.		DCTE2-3216	DCTE2-3224
Printhead		Epson i3200 (16/24 pcs)	
Nozzle		400/row x 8 channels = 3200 total nozzles	
Resolution		2400dpi	
Colors		C M Y K	
Printing width		3.2m (125.9 inch)	
Print speed (1.8m media width)	1 pass	680 sqm/hr	980 sqm/hr
	2 pass	340 sqm/hr	490 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 - 1000 meter roll size	
Head Moisture Method		Fully sealed auto moisturizing and cleaning	
Dimensions (l x w x h)			
Printer (mm) / Weight		5450 x 2850 x 2050 (Weight: 1800 kg)	
Package size / Weight		5600 x 1200 x 2000 (Weight: 1600 kg)	
Operating Environment			
Temperature		22°C-28°C	
Humidity		55%-65%	
Power			
Printer Power		2.5kW UPS (Single Phase)	
Heater (Inbuilt)		16-20 kW Mains (Single Phase)	

*Specifications are subject to change