

Large Format Inkjet Printer (Sublimation)

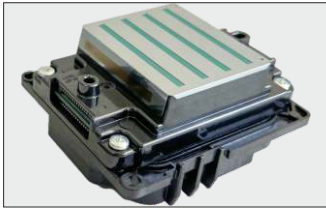


DCTE1-1219

Engineered for Highest Precision and Productivity

Features

- 8 or 12 Epson i3200 printheads
- Production speed of 481 sqm/hr (1pass) : DCTE1-1219
- 1.9m printing width
- Inbuilt dual heater dryer
- High precision carriage base plate ; easy head position adjustments
- Embedded magnetic clutch ensures 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 and lower GSM paper



High Resolution Printhead

The advanced electrical board system featuring standard 8/12 Epson i3200 printheads, adopts advanced printhead control technology. Each printhead boasts 3200 nozzles and produces 3.5pl ink droplets, achieving a printing resolution up to 2400dpi. The industrial design guarantees the durability and reliability of the printheads, ensuring consistent performance over time



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



THK silent double guide rails

Wider and thicker carriage guide, THK Japan machine are known for silent operation, stable movement, increased longevity and high precision. THK is a reliable choice for applications requiring precision and durability



Rubber Pressure Roller

The unique electrically operated lifting device can effectively respond to instances of partial paper bulging during the printing process. This feature ensures smooth operation and helps maintain print quality by adjusting to the printing conditions in real-time



Air Shaft

The air shaft media system is designed to accommodate media rolls of up to 1000 meters in length. It is driven by a variable frequency motor, providing precise control over the media feed, ensuring smooth and reliable operation throughout the printing process



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



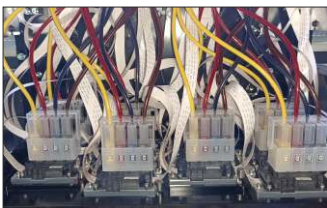
High Precision Platform

The vertical slotted air guide platform is designed to ensure that the paper surface remains completely flat during printing. By directing air strategically, this feature minimizes any potential warping or unevenness in the paper, resulting in consistent print quality across the entire surface



220 ml secondary ink cartridge + 5 litre ink system

The combination of a 220 ml secondary ink cartridge and a 5 - liter ink system guarantees a continuous ink flow, particularly essential for high-speed printing operations. This setup ensures that the printer has an ample supply of ink to meet the demands of rapid printing without interruptions or delays



Positive pressure ink supply system

The positive pressure ink supply system is ideal for long print runs as it helps minimize the need for print head cleaning. By maintaining a consistent positive pressure, this system ensures a steady flow of ink to the print heads, reducing the likelihood of clogs or other issues that can interrupt printing. This feature is particularly beneficial for continuous and high-volume printing applications



Front and bottom infrared drying system

The front and bottom infrared drying system accelerates the drying process of printed materials by emitting infrared radiation from both the front and bottom of the printer. This system ensures efficient and uniform drying, reducing the risk of smudging or smearing and allowing for faster handling of printed images



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 workflow by ensuring that ink levels are monitored efficiently, reducing downtime and potential interruptions to printing operations

Specifications*

Model No.		DCTE1-1219
Printhead		Epson i3200 (8/12 pcs)
Nozzle		400/row x 8 channels = 3200 total nozzles
Print Resolution		2400dpi
Colors		C M Y K
Printing width		1.9m (74.8 inch)
Print speed (1.8m media width)	1 pass	481 sqm/hr
	2 pass	247 sqm/hr
Ink type		Dye Sublimation ink
Printing media types		Transfer paper
Computer configuration		OS- Win 10, Processor- i5 / i7, RAM- HD - 1TB, Hard Disk - Ram 8GB
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)		3812 x 1332 x 1620
Printer weight		800 kg
Operating Environment		
Temperature		22°C-28°C
Humidity		55%-65%
Power		
Printer Power		2.5kW UPS (Single Phase)
Heater (Inbuilt)		8kW Mains (Single Phase)
Air pressure		5 bar

*Specifications are subject to change

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