

NEXTJET PAPER SPECIFICATIONS

Model		Nextjet Paper
Technical Specifications		Standard Parameters
		12H
Printheads	Category	Epson S3200 AI Hi-res
	Quantity	12 Pieces
	Arrangement	2x6
Printing Speed	4 color	300*600dpi (1 pass) 680sq.m/h
		300*1200dpi (2pass) 350sq.m/h
	6-color	300*600dpi (1 pass) 680sq.m/h
		300*1200dpi (2pass) 350sq.m/h
Print Media	Max Printable Width	2000mm
	Max Media Width	2050mm
	Media Type	Dye sublimation printing paper, Titanium dioxide paper, wallpaper film
	Media GSM	22-110 g/m²
	Media Thickness	0.02-0.5mm
Ink	Ink Type	Dye sublimation ink, Pigment ink
	Colors	cyan, magenta, yellow, black, light cyan, light magenta, light black, grey, florescent red, florescent yellow
	Ink Tank	10L / Bottle
	Ink Feeding	Automatic ink feeding and automatic negative pressure control
Software	Production Software	Optional software includes YIPS, TextPrint, NeoStampa
	File Format	TIFF/JPG/EPS/PDF, color mode support RGB and CMYK
Function Configuration	Platform Support Structure	Tower support structure
	Printing Platen	honeycomb uniform suction printing platform
	Magnetic Levitation Drive System	THK sound proofdouble guides, magnetic motor, magnetic grid
	Printhead Protection System	Three tie protection
	Clean & Moisturing	Automatic cleaning and moisturizing integrated component
	Tension roller transfer system	press holer : Rubber roller 9160mm/220mm (cylinder)
		unload: MAX up to 1000mm
		re-winder: MAX up to 50mm
Working Environment	Drying	Double layer Infrared hot air circulation
	Electronics	380VAC Three phase 5wire/220VC, 50/60HZ
	Power	Printer 6KW, Dryer 10KW
	Air	0.5 0.7Mpa, 0.15m³/hr Dry, oil-free and steam free
	Temperature/Humidity	15 - 30 C, 50% - 80% [Non condensation]
Dimensions	Size	4100mm x 2400mm x 1850mm, 10000m Jumbo roll included
	Weight	1500Kg



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NEXTJET PAPER  
DYE SUBLIMATION PRINTER



BETTER QUALITY AT MASS PRODUCTION  
Best ROI Industrial Printer

EPSON S3200

up to 680m²/h

2400 dpi





# NEXTJET Dye Sublimation Printer

## Digital Textile printer with cost Effectiveness



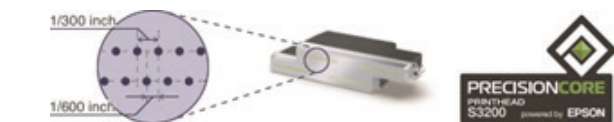
Nextjet provides customers with a function-rich and stability printing solution at cost-effectiveness.

Equipped with EPSON MEMS technology printheads, our printer achieve fast and accurate ink jetting with precise ink droplets at higher jetting frequency.

With the excellent DynaPro mechanical drive system, YIPS production system can help increase productivity and stable quality at 24/7.

### Cutting-edge technology

#### PrecisionCore Technology



High Density Pnnthead

All MEMS manufacturing process (micro-electro-mechanical system) and thin-film piezoelectric elements adaptation, enable a high precision print nozzle arrangement (600npi/2 rows), enable the print head compact, high speed, high quality and durable.

S-shape design for higher accuracy of multi-head splicing, smaller footprint for wide ane multi-color printing

Variable ink drop technology enables multi-grayscale printing for high speed and high quality printing at the same time

VSDT (Variable Ink Drop Technology) can freely control the size af ink droplets ejected, thus reducing picture graininess, presenting more picture details, smooth color transition, and high saturation.

Physical resolution 600dpi

Ink circulation system enable jetting stable and consistency

### High Quality

No matter what kind of fabric and graphic design, Nextjet can easily reproduce with sharpest details and vibrand color. With the help of EPSON precise ink droplet technology, Coltex fully ink special high concentration, instant-drying ink can output the ultimate image level color quality, 4-color, 6-color, 8-color scheme, 4 levels greyscale : 3.3, 7, 13 pl at 24 kHz.

### Consistency

The need to meet customers needs for efficient production while ensuring stable equipment operation has challenged the equipment performance.

Coltex has selected a group of industry benchmark partners with technology leadership in the field to achieve a high level of integration in mechanical, electrical, control, printing,

### Productivity

Mode	Epson S3200 A1, Hi-Res Printhead 12PH
Configuration	2 x 6
4 Color	300x600 dpi, (1pass) 680m²/h 300x1200 dpi, (2pass) 350m²/h
6 Color	300x600 dpi, (1pass) 680m²/h (2pass) 350m²/h
8 Color	NO NO

### Wide Applications(Fashion, Sports, Garments, Home Textile, etc.)



# NEXTJET Dye Sublimation Printer

## Handle massive production with premium print quality

### Stable performance

Sealed machine body  
Tower support structure  
Jumbo roller and rewinder with  
Constant tension control  
4.0V honeycomb uniform suction  
printing platform  
One touch intelligent printhead washing  
3 tier printhead protection  
Intelligent heat circulation dryer

### Productivity

EPSON S3200 printhead  
Precise jetting  
Wider print width

### Premium quality

Grey-scale  
Dynamic inkjet calibration  
Mulit level half tone tech  
Subtle feathering tech  
color management tech

### Easy operation

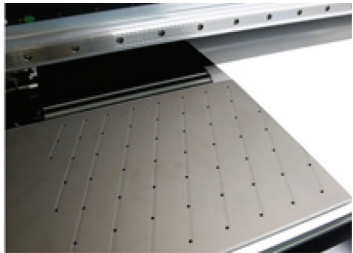
Big size LCD touch screen  
YIPS production management  
platform  
CCS intelligent control system  
Cloud connection system



### Innovative4.0V honeycomb uniform suction printing platform

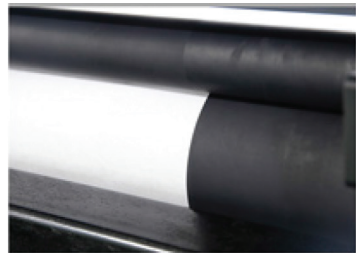
Smooth suction of media on platform, ensure no crease achieving the best printing.

Tower support structure design, with 0.03mm precision tolerance support platform reinforce machine body at best strength and robustness, ensure stable and consistent printing and jetting accuracy.



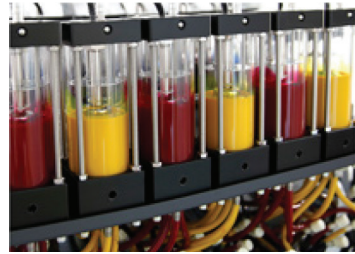
### Jumbo roller and rewinder with constant tension control

Large diameter brushless rubber roller media transfer, automatically constant adjustment of the tension per different materials properties, ensure no paper wrinkle, capable to adapt large ink volume printing, ensure smooth media unwinding and rewindingof thousand meters of three-stage tensin media unwinder and rewind.



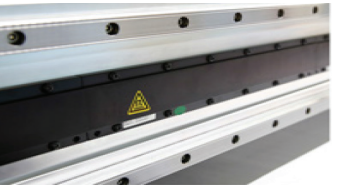
### Automatic negative pressure control

Constant ink supply kinetic energy to ensure smoother ink supply demand; cutting-edge negative pressure plate controller with negative pressure bottle, negative pressure sensor. Negative pressure accuracy can be control within 0.02KP. No influence by geographical location and atmospheric environment.



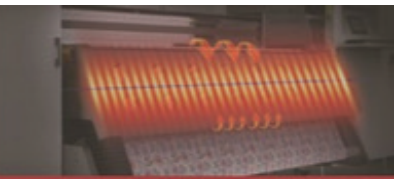
### EMS Trans Maglev drive system

THK sound proof double guides, magnetic motor, magnetic grid system, reduce the jitter and vibration generated during in high-speed running, achieve high-speed operation and stable printing, reuce printing noise and easy.



### Intelligent thermal cycle uniform drying, energy efficient and energy saving

Take advantage of front and back side drying system, effectively control media surface temperature, improve the drying efficiency and fit to faster printing speed.



### Versatile YIPS production management

Integrated MES/ERP system and RIP software; independent user account system, high security and easy management; friendly UI interface, simple and easy operation; higher PLC integrated control; built-in RIP software.

