

ARGON Printing Solutions  
 Web : [www.argon.ae](http://www.argon.ae)  
 Email : [sales@argon.ae](mailto:sales@argon.ae)  
 Mobile : +971561561655  
 Address : Meydan Grandstand, 6th floor, Nad Al Sheba,  
 Dubai - UAE

**ARGON**   
 DA1895 EVO  
 H PRT

## High-speed Conveying-belt Direct to Fabric Digital Textile Printer

High-definition quality to meet the needs  
 of different types of high-speed textile printing





DA189S EVO

High-speed Conveying-belt Direct to Fabric Digital Textile Printer-HPRT  
DA189S EVO Series

32Kyocera industrial print heads,up to 960 m<sup>2</sup> /h capacity

High efficiency, low cost and high precision create excellent printing quality, and the cost-effective operation meets the needs of rapid printing and high-end customized design.

High speed and stable performance: race against time to increase the productivity

DA189S EVO series printer, with industrial high-speed Kyocera print head, maximizes printhead capacity through the special combination and control system, so that you can handle a large number of orders easily.

High-definition printing: Superb Imaging is Everything

DA189S EVO series printer, through unique drive design and ink supply system design, it can use: acid ink, reactive ink, high-temperature disperse ink, water-based pigment ink and other ink consumables, keep print details clear , realistic and evocative.

Cost-saving by Intelligence: Energy-efficient Design, Ingenuity Hided Everywhere


Integrated environment and nozzles temperature stability management system. High-precision nozzles calibration and compensation system. High-compatibility distribution system, high-efficiency belt cleaning system. High-stability nozzles moisturizing and cleaning system. Simple and effective operation, ensure the efficiency of the machine.


Technical Specifications


Model	DA189S EVO	
Name	High-speed Conveying-belt Direct to Fabric Digital Textile Printer	
Print Head	Kyocera Print Heads 32pcs	
Max. Print Width (mm)	1850	
Max. Cloth Feeding Width (mm)	1900	
Resolution (dpi) (Multiple modes available)	High speed mode 2 @508*600dpi 1pass	High speed mode 3 @600*600dpi 1pass
	Quality mode 1 @400*1200dpi 2pass	Quality mode 2 @508*1200dpi 2pass
	Quality mode 3 @600*1200dpi 2pass	
	Precision mode 1 @400*1800dpi 3pass	Precision mode 2 @508*1800dpi 3pass
	Precision mode 3 @600*1800dpi 3pass	
	High precision mode 1 @600*2400dpi 4pass	High precision mode 2 @600*3600dpi 6pass
	High precision mode 3 @600*4800dpi 8pass	
Maximum Allowable Roll Diameter of Rewinding Cloth Feed Holder (mm)	Φ500	
Maximum Allowable Weight of Rewinding Cloth Feed Holder (kg)	100	
Maximum Allowable Roll Diameter of External Cloth Feed Holder A (mm)	Φ1600 (external fabric placer is optional). Supports fabric placement with fabric trolley	
Printing Speed (m <sup>2</sup> /hr) (Multiple modes available)	High speed mode 2 @508*600dpi 1pass: 960	High speed mode 3 @600*600dpi 1pass: 816
	Quality mode 1 @400*1200dpi 2pass: 560	Quality mode 2 @508*1200dpi 2pass: 480
	Quality mode 3 @600*1200dpi 2pass: 408	
	Precision mode 1 @400*1800dpi 3pass: 373	Precision mode 2 @508*1800dpi 3pass: 320
	Precision mode 3 @600*1800dpi 3pass: 272	
	High precision mode 1 @600*2400dpi 4pass: 204	High precision mode 2 @600*3600dpi 6pass: 136
	High precision mode 3 @600*4800dpi 8pass: 102	
Ink Type	Reactive ink,Acid ink,Pigment ink,Disperse ink,High temperature Disperse ink	
Ink Color	C, M, Y, K, OR, R, B, G, P, GR, Lk, Lm, Lc, FM, FY	
(Color configuration according to customer demand and process)		
Print Medium	Cotton, linen, silk, nylon, polyester, blended, elastic fabrics and new fiber woven and knitted fabrics	
Ink supply system and Degassing system	Automatic ink supply system, automatic degassing and automatic negative pressure system	
Printhead Cleaning and Maintenance	Automatic Cleaning & Moisturising System	
Over-height limit detection and Rectification	Auto detection of media exceeding the height limit, belt deviation rectification system	
Operation Interface	Front and rear touch screen control	
Computer operating system andhardware requirements	Standard workstation computer suite	
RIP System	HPRT RIP,Neostampa	
Dimensions: L*W*H (mm)	5342*2900*1917	
Weight (kg)	5000	
Compressed Air Supply	0.6MPa 1m³/hr (Dry, no oil or water vapor)	
Operating Temperature	20~30°C	
Operating Humidity	45%-75% (Non-condensing)	
Drying Optiont	Electric heating/steam heating/natural gas heating and other drying rooms	





Perfect Detail Experience


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The cloth feeding operation is simple and the cloth surface flattening effect is good
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Modular design, convenient and simple maintenance of all parts
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Superelevation detection of cloth in different areas, perfect protection of nozzle
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Make full use of machine space without redundancy
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High degree of automation, simple operation, one-key cleaning and one-key moisturizing
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Quick and convenient ink replacement