

ARGON Printing Solutions

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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 m² / 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 Hidet Everywhere

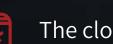
Integrated environment and nozzles temperature stability management system. High-precision nozzles calibration and compensation system. High-compatibility distribution system, high-efficiency belt cleaning system. High-stability nozzles moisturizing and cleaning system. Simple and effective operation,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

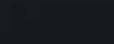
Technical Specifications

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 Quality mode 1 @400*1200dpi 2pass Quality mode 3 @600*1200dpi 2pass Precision mode 1 @400*1800dpi 3pass Precision mode 3 @600*1800dpi 3pass High precision mode 1 @600*2400dpi 4pass High precision mode 3 @600*4800dpi 8pass	High speed mode 3 @600*600dpi 1pass Quality mode 2 @508*1200dpi 2pass Precision mode 2 @508*1800dpi 3pass High precision mode 2 @600*3600dpi 6pass
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 ² / hr) (Multiple modes available)	High speed mode 2 @508*600dpi 1pass: 960 Quality mode 1 @400*1200dpi 2pass: 560 Quality mode 3 @600*1200dpi 2pass: 408 Precision mode 1 @400*1800dpi 3pass: 373 Precision mode 3 @600*1800dpi 3pass: 272 High precision mode 1 @600*2400dpi 4pass: 204 High precision mode 3 @600*4800dpi 8pass: 102	High speed mode 3 @600*600dpi 1pass: 816 Quality mode 2 @508*1200dpi 2pass: 480 Precision mode 2 @508*1800dpi 3pass: 320 High precision mode 2 @600*3600dpi 6pass: 136
Ink Type	Reactive ink, Acid ink, Pigment ink, Disperse ink, High temperature Disperse ink	
Ink Color (Color configuration according to customer demand and process)	C, M, Y, K, OR, R, B, G, P, GR, Lk, Lm, Lc, FM, FY	
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 and hardware 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 1m ³ /hr (Dry, no oil or water vapor)	
Operating Temperature	20~30°C	
Operating Humidity	45%-75% (Non-condensing)	
Drying Option	Electric heating/steam heating/natural gas heating and other drying rooms	

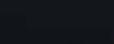


Perfect Detail Experience

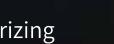
 The cloth feeding operation is simple and the cloth surface flattening effect is good

 Modular design, convenient and simple maintenance of all parts

 Superelevation detection of cloth in different areas, perfect protection of nozzle

 Make full use of machine space without redundancy

 High degree of automation, simple operation, one-key cleaning and one-key moisturizing

 Quick and convenient ink replacement

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