

ARGON Printing Solutions

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ARGON



HPRT

DA188SL Pro MAX

Pretreatment online Conveying-belt Direct to Fabric

Digital Textile Printer

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



DA188SL Pro MAX

Pretreatment online Conveying-belt Direct to Fabric Digital Textile Printer

18 industrial print heads, print speed up to 270m²/h (@2pass)

DA188SL Pro MAX introduces a one-stop solution for pigment printing, pretreatment online saves processes, saves production flow, improves efficiency and enhances print quality at the same time.

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

DA188SL 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

DA188SL series printer, through unique drive design and ink supply system design, Achieve the pigment online pretreatment process, integrated pretreatment sizing process on one machine, saving the use of ink, while printing more vivid colours, higher colour saturation.

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


The design of automatic print head cleaning system, the moisturizing system as well as the automatic conveying-belt cleaning and maintenance system make the operation and maintenance easy, guarantee the equipment efficiency, and get it possible for only one person to operate the machine.


Technical Specifications


Model	DA188SL Pro MAX
EN-Name	High-speed Conveying-belt Direct to Fabric Digital Textile Printer
PrintHead	Kyocera PrintHeads 16pcs PrintHeads for Pretreatment Solution 2pcs
Max Effective Printing Width (mm)	1850
Max Fabric Feeding Width (mm)	1900
Resolution (dpi) (Selection of model based on client needs)	High Speed Model1 @508*600dpi 2pass
	High Speed Model 2 @600*600dpi 2pass
	Normal Speed Model 1 @508*1200dpi 4pass
	Normal Speed Model 2 @600*1200dpi 4pass
	Quality Model 1 @508*1800dpi 6pass
Max Fabric Roll Diameter of Fabric-feeding bracket (Diameter: mm)	Quality Model 2 @600*1800dpi 6pass
Max Fabric Roll Diameter of Fabric-feeding bracket (Diameter: mm)	Φ500
Max Permissible Weight of the Fabric-feeding Bracket (Kg)	100
Max Permissible Fabric Roll diameter for External A-bracket (Diameter: mm)	Φ1600 (Option to configure an external fabric feeder)
Printing Speed (m ² /hr) (Selection of model based on client needs)	High Speed Model 1 @508*600dpi 2pass: 270
	High Speed Model 2 @600*600dpi 2pass: 240
	Normal Speed Model 1 @508*1200dpi 4pass: 135
	Normal Speed Model 2 @600*1200dpi 4pass: 120
	Quality Model 1 @508*1800dpi 6pass: 90
Ink Types	Quality Model 2 @600*1800dpi 6pass: 80
Ink Colours	Reactive, acid, pigment, disperse, high temperature disperse
Print Medium	C, M, Y, K, O, B, R, G
Ink supply system and Degassing system	Cotton, linen, silk, nylon, polyester, blends, elastic fabrics and new fibre woven and knitted fabrics
Printhead Cleaning & Maintenance	Automatic ink supply system, automatic degassing and automatic negative pressure system
Height Limit Detection and Deviation Rectification	Automatic cleaning and wethold system
Operation Interface	Automatic detection of system with medium exceeding height limits, Adjustable belt deviation rectification system
Acceptable Image Format	Front and Rear Industrial Touch Screen Control
RIP System	JPG/TIFF/BMP/Other Formats
Machine Size: L*W*H (mm)	HPRT RIP, Neostampa
Weight (Kg)	4800*2400*2000
Power (Kw)	4000
Power Supply Requirements	Printer Consumption≤10
Air Supply Requirements	Printer: AC380V three-phase, five-wire system 20A (40KW) 50Hz/60Hz
Working Temperature	0.6MPa 1m ³ /hr (Dry, oil-free, no vapour)
Operating Humidity	20-30°C
Drying Options	45%-75% (No condensate generation)
Certification	Electricity-heated/steam-heated/natural gas-heated, etc. digital printing room (optional)
	OEKO-TEX, AATCC, CE





Perfect Detail Experience


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Integrated online pre-treatment system
One machine solution for pre-treatment and printing
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Superelevation detection of cloth in different areas, perfect protection of nozzle
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High degree of automation, simple operation, one-key cleaning and moisturizing
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Modular design, convenient and simple maintenance of all parts
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Make full use of machine space without redundancy
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Quick and convenient ink replacement