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High-speed Roll to Roll Dye Sublimation Digital Textile Printer
improve the printing speed and quality

DA186T Plus

High-speed Roll to Roll Dye Sublimation Digital Textile Printer

24 Kyocera industrail print heads,print speed up to 1080㎡/h

The dye sublimation printing process improves the printing speed, gets the pattern splicing coherent and exquisite, and enables the color more gorgeous. The excellent printing quality will enhance the consumer experience, and empower the industry users to achieve win-win situation in the quality and cost.

Superior print head for higher productivity

The huge daily order volume requires the equipment with the higher productivity. DA186T Plus series textile printer adopts industrial high-speed Kyocera print head, and maximizes the productivity of the print head through the special combination and the control system, which improves the printing efficiency in an all-round way.

Combination of the quality and speed, high definition output

Through unique drive design and ink supply system design, DA186T Plus series printing machines can use disperse ink, high temperature disperse ink, etc. to realize more accurate ink droplet injection, bringing out image-level printing quality.

Shown with ingenuity, easy to operate

The design of automatic cleaning system and moisturizing system can reduce the risk of print head blockage, which will improve the output stability of the equipment, making it possible for only one person to operate the machine.

Reduce printing cost, impeccable

The large-capacity floor-mounted ink supply system can greatly reduce the ink replacing frequency, and can support a minimum of 31g/㎡ of thin paper printing, which enables to reduce the material loss and the printing cost, from the proofing to the mass production.

Technical Specifications

Model	DA186T PLUS
EN-Name	High-speed Roll to Roll Dye Sublimation Digital Textile Printer
PrintHead	Kyocera PrintHeads 24pcs
Max Effective Printing Width (mm)	1850
Max Fabric Feeding Width (mm)	1900
Resolution (dpi) (Selection of model based on client needs)	High Speed Model 1 @400*600dpi｜1pass
	Normal Speed Model 1 @508*600dpi｜1pass
	Normal Speed Model 2 @600*600dpi｜1pass
	Quality Model 1 @508*1200dpi｜2pass
	Quality Model 2 @600*1200dpi｜2pass
	High Precision Model 1 @508*1200dpi｜3pass
	High Precision Model 2 @600*1200dpi｜3pass
Winder&Unwinder Max Paper Diameter (diameter: mm)	Φ1000 (1200Kg/10000 meter unwinder)
Printing Speed (㎡/hr) (Selection of model based on client needs)	High Speed Model 1 @400*600dpi｜1pass: 1080
	Normal Speed Model 1 @508*600dpi｜1pass: 900
	Normal Speed Model 2 @600*600dpi｜1pass: 800
	Quality Model 1 @508*1200dpi｜2pass: 450
	Quality Model 2 @600*1200dpi｜2pass: 400
	High Precision Model 1 @508*1200dpi｜3pass: 300
	High Precision Model 2 @600*1200dpi｜3pass: 267
Ink Types	Disperse, high temperature disperse, pigment
Ink Colours	4 colours (printheads 16pcs) : C, M, Y, K
	6 colours (printheads 24pcs) : C, M, Y, K+Lk, Lm (or 2 other specialised colours)
Print Medium	Heat transfer paper/wood grain paper/film/wallpaper
Method of Drying	Infrared heating
Ink supply system and Degassing system	Automatic ink supply system, automatic degassing and automatic negative pressure system
Printhead Cleaning & Maintenance	Automatic cleaning and wethold system
Height Limit Detection and Deviation Rectification	Automatic detection of system with medium exceeding height limits, Adjustable paper-moving deviation rectification system
Operation Interface	Front&Rear Industrial Touch Screen Control
RIP System	HPRT RIP, Neostampa
Machine Size: L*W*H (mm)	Printer: 4400*1500*1975 (Including leveling feet)
	Paper Winder&Unwinder: 2400*1660*1150 (10000 meter unwinder)
Weight (Kg)	3000 (Packing box not included)
Power Supply Requirements	Printer: AC380V｜three-phase, five-wire system｜18A (9KW)｜50Hz/60Hz
	Dryer: AC380V｜three-phase, five-wire system｜36A (18KW)｜50Hz/60Hz
Air Supply Requirements	0.6Mpa｜1m³/hr (Dry, oil-free, no vapour)
Working Temperature	20~30℃
Operating Humidity	45%-70% (No condensate generation)
Certification	OEKO-TEX, AATCC

Perfect Detail Experience

The operation of rewinding and unwinding is simple, and the flattening effect of printing paper is excellent

The ultra-high detection, as the perfect protection to the print head

The high degree of automation, the easy operation to support one-touch print head cleaning and one-touch moisturizing for the print head

Modular design makes maintenance of each part convenient and simple

Make full use of machine space, no redundancy

Quick and convenient ink replacing