Double Sided
Printing technology

Unstoppable new trend
Double sided direct to fabric printer series

SKYJET

Universe Is Infinite And Exploration Never End

SKYJET

Leader of Global
Double Side Printing Machines

About Us

SKY AIR-SHIP DIGITAL PRINTING EQUIPMENT CO,.LTD

First global innovation leading whole world

22 years focusing on developing double sided synchronous printing technology with a great reputation and feedback.

Double-sided digital printing technology has been authorized 15 patents in China,Japan, the United States, the European Union and other regions.
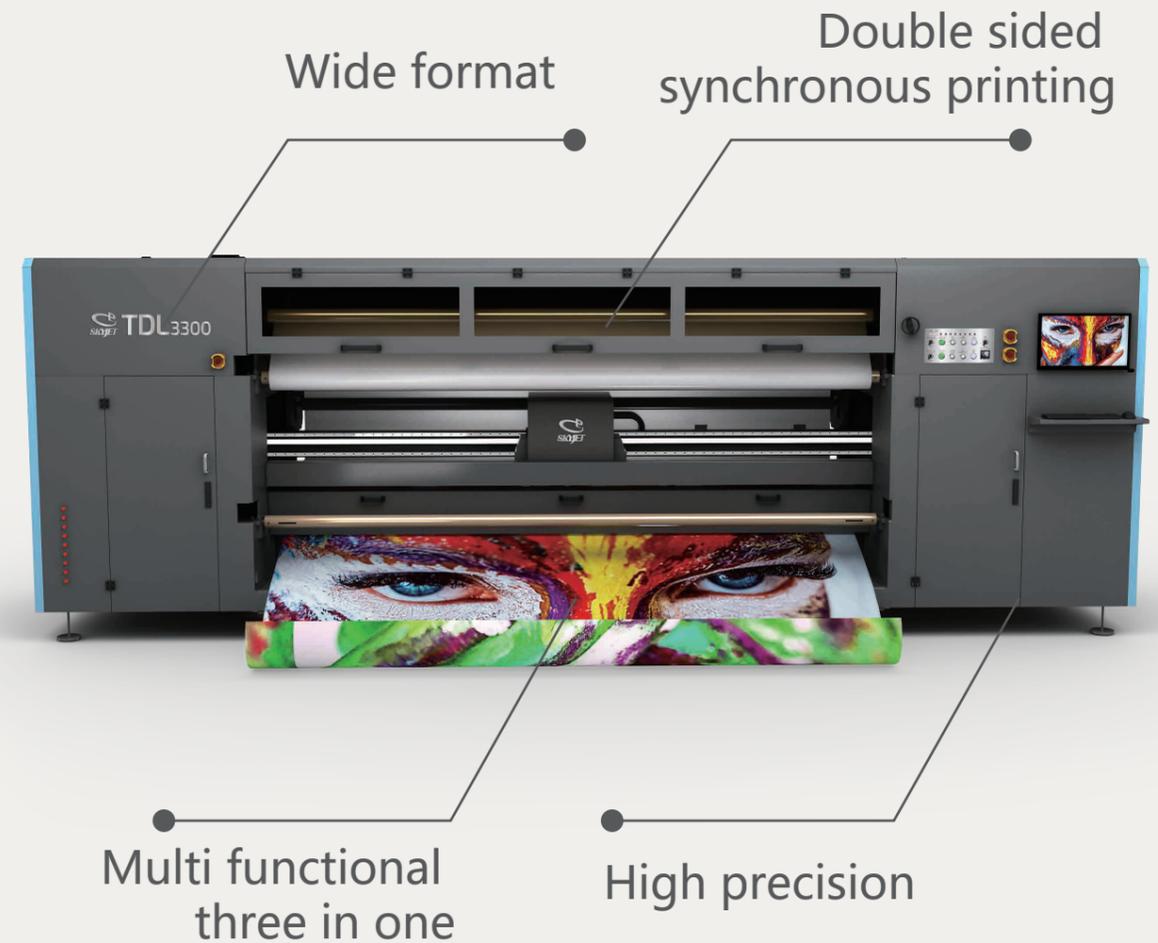
Established in 2001, Shenyang Air-Ship digital printing equipment company (SKYJET) is the global leader of double-sided synchronous printing technology and one of the earliest large-scale digital printing equipment manu-facturers in China. As the unit of the China printing Associa-tion branch, and in possession of ISO9001 quality system certification and CE certification, the company participated in the work of drafting the "National Standards for Wide-format Printers" and the formulation of the "National Occupational Standards for Printer Assembly and Mainte-nance ", and is the first who achieved "Maintenance Work Station approval" and the first-prize winner of China's "Textile Light" and national high-tech enterprises and other honors.

Accurately understanding customers
Comprehensive needs
New opportunities in textile direct to fabric market

Wide format

Double sided synchronous printing
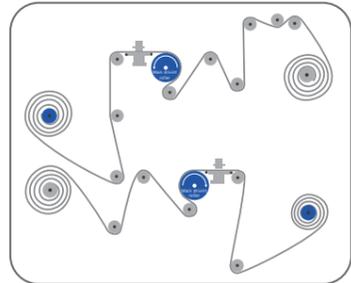
Multi functional three in one

High precision

Synchronous double-sided digital printing technology has provided highly competitive solutions for worldwide customers and is deeply appreciated by high-end brand customers around the world. It leverages the incremental market through high-end technology and create more wealth for customers.
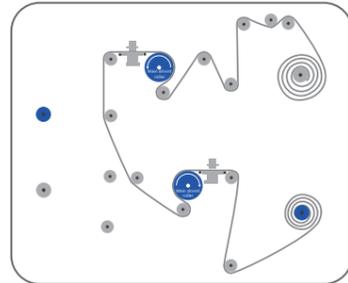
INNOVATIVE TECHNOLOGY
Redefines double-sided textile printing machine
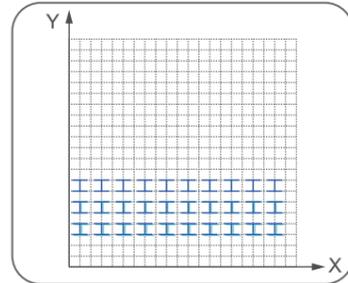
One machine with multiple functions

Route of two single printing

Double side printing route

Multipoint alignment

Equipped with 2 sets of transmission system, printing system and ink supplying system, it can be used as 2 single-sided printers, "working independently and simultaneously in different modes and under different material conditions", and the instant production capacity has been doubled.

Adopting unique material feed-up structure and synchronous control technology, the same or different content images are directly sprayed on the front and back of the flag fabric at the same time, and the alignment accuracy can be 100%, which completely solves the problem of obvious color difference between the front and back of the direct injection printing process.

During the operation, the deviation of any point on the screen in the X\Y direction can be corrected to achieve the purpose of precise alignment.

Double sided craft

Same pattern and same color art

Same pattern and different color

Different pattern and different color

Direct print on transparent Flag without color difference of front & back

Creating a different two faces effect when print on semi-transparent flag

Two different images direct prints on blackout flag at one time

COVERING ALL INDUSTRY
Brings business opportunity

Industry applications

National flag

【Information Banner】
Advertising Banner

【Flag with pole】
Beach flag, road flag category

【Outdoor street】
Light pole flag

【Advertising soft signs】
Textile light boxes, elastic screens, curtains, black hanging flags

【Scene flags】
Outdoor customization such as car flag and garden flag

【Home textile】
Curtain

【Decorative textiles】
partitions, wall coverings, tablecloths, art exhibitions, etc.

Strong material practicability

It can be used on polyester and blended chemical fiber fabrics such as warp knitted fabrics, pongee, tribute satin fabrics, silver carved fabrics, and black fabrics, as well as mesh fabrics, semi-permeable yarns, curtain fabrics, linen-like fabrics, flag fabrics, special fabrics, Realize the double-sided direct printing effect on any light-transmitting and ink-transmitting materials such as light box cloth and elastic cloth, and open up more market competition space.

SKYJET

TDL3300

Textile double sided direct to fabric printer

High precision
KJ4B-0300 print head

Brighter in color
Double sided synonymous printing

large format without splicing
3200MM printing width

One double sided printer
Two single side printers

📈 TECHNICAL PARAMETERS

Model	TDL3300	
Print width	3200mm	
PH	KJ4B-0300	
PH No.	4 colors 4 PH OR 8 colors 8 PH	
Print resolution (weak feather)	Double sided printing	Two single side Printing
	2pass （605×600）　118m²/h	2pass （605×600）　260m²/h
	3pass （605×900）　87m²/h	3pass （605×900）　190m²/h
	4pass （605×1200）　72m²/h	4pass （605×1200）　160m²/h
Ink type	Disperse ink	
Ink color	C、M、Y、K（MAX 8 colors Optional）	
RIP software	Caldera Grand RIP	
Work environment	Temp20-28℃ Humidity40-70%	
Power	AC380V，50/60Hz，Power supply 25KW	
Dimension	6300mm×1900mm×2120mm	
Weight	3650kg	

Technical index

Printing platform:
Fabric guiding platform, small resistance and high precision when stepping material.

Transmission mode:
The servo motor controls the transmission rubber roller, and the material is stepped accurately, flat and wrinkle-free.

Retractable device:
The gravity roller retractable mechanism keeps the material under constant tension.

Pollution protection:
Have flying ink recycle and smoke recycle devices.

Nozzle maintenance:
automatic moisturizing, cleaning, and scraping device to prevent nozzle clogging.

Infrared drying:
High-efficiency hot air drying system to ensure high-speed printing and rewinding at the same time.

Lining paper protection:
When taking up material,lining paper can be added to prevent mutual contamination between the front and back sides.

Control system:
PLC control system to improve the stability of the system operation.

Job statistics:
The print log function automatically records and counts the printing efficiency.

Ink volume statistics:
Automatically count the ink consumption and calculate the printing cost.

SKYJET
TDL2000Pro
Textile double sided direct to fabric printer

High precision
KJ4B-0300 print head

Printing width
2200MM

Brighter in color
Double sided synonymous printing

One double sided printer
Two single side printers

📈 TECHNICAL PARAMETERS

Model	TDL2000Pro	
Print width	2200mm	
PH	KJ4B-0300	
PH No.	4 colors 4 PH OR 8 colors 8 PH	
Print resolution (weak feather)	Double sided printing	Two single side Printing
	2pass（605×600）　90m²/h	2pass（605×600）　200m²/h
	3pass（605×900）　67m²/h	3pass（605×900）　150m²/h
	4pass（605×1200）　55m²/h	4pass（605×1200）　120m²/h
Ink type	Disperse ink	
Ink color	C、M、Y、K（MAX 8 colors Optional)	
RIP software	Caldera Grand or Neostamp	
Work environment	Temp20-28℃ Humidity40-70%	
Power	AC380V，50/60Hz，Power supply 15KW	
Dimension	5160mm×900mm×2120mm	
Weight	3150kg	

Technical index

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SKYJET
TDL2000
Textile double sided direct to fabric printer

High precision
EPSON-i3200A print head

Brighter in color
Double sided synonymous printing

Printing width
2200MM

Double sided direct printing

📈 TECHNICAL PARAMETERS

Model	TDL2000	
Print width	2200mm	
PH	I3200A	
PH No.	8PH（4 colors OR 8 colors)	
Print resolution (weak feather)	Double sided printing	Single side Printing
	2pass（720×600)　　90m²/h	2pass（720×600)　　106m²/h
	3pass（360×1800)　70m²/h	3pass（360×1800)　82m²/h
	4pass（720×1200)　50m²/h	4pass（720×1200)　60m²/h
Ink type	Disperse ink	
Ink color	C、M、Y、K（MAX 8 colors Optional)	
RIP software	Print Factory	
Work environment	Temp20-28℃ Humidity40-70%	
Power	AC380V，50/60Hz，Power supply 15KW	
Dimension	4680mm× 1495mm× 1870mm（Height 2250mm include ink bucket)	
Weight	2000kg	

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