



*Universe Is Infinite And Exploration Never End*

# Double Sided Printing technology

Unstoppable new trend  
Double sided direct to fabric printer series



 SKY AIR-SHIP DIGITAL PRINTING EQUIPMENT CO.,LTD

Add: #5,A-2,No.3 Street,Shenyang Economy & Technolgy  
Development Zone,China.110141

Tel: +86-24-25818868 Cell: +8615840166693

E-mail: skyjet-peter@skyair-ship.com skyjet@skyair-ship.com

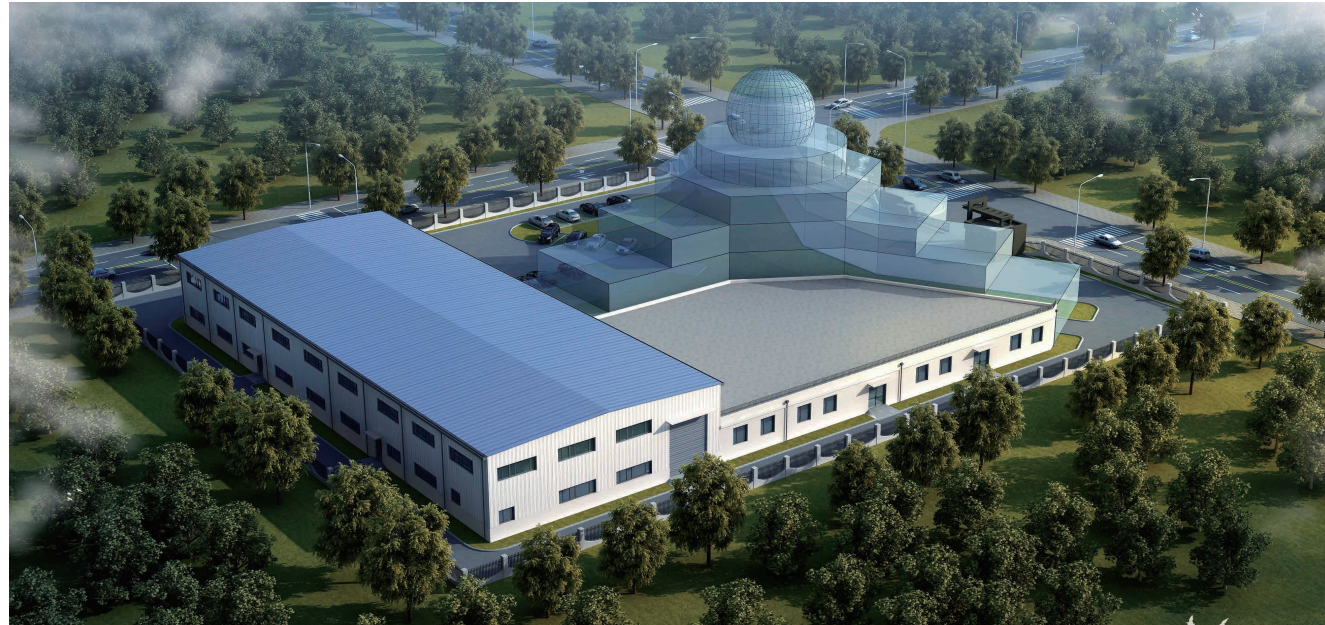


Leader of Global  
Double Side Printing Machines



# 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.

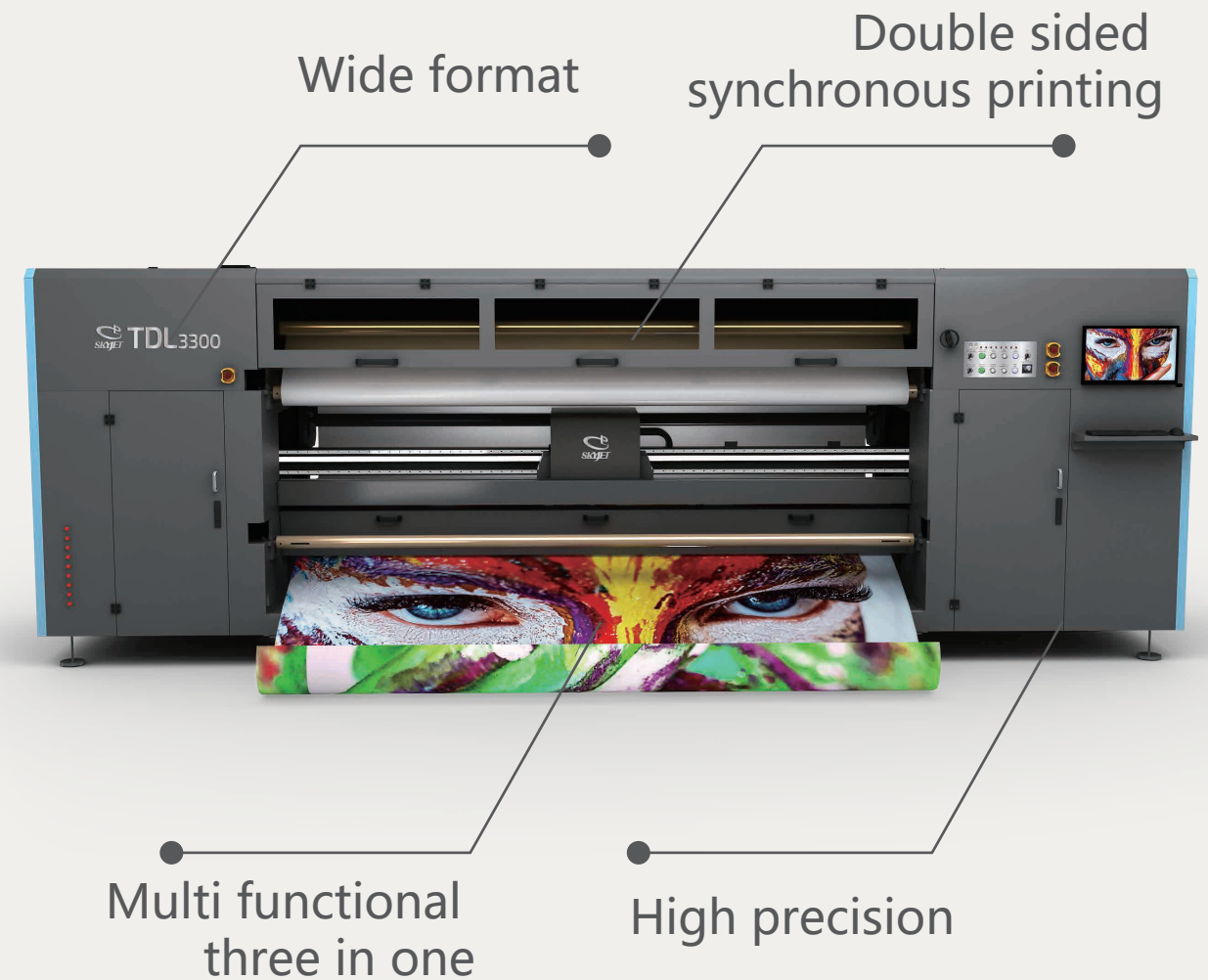
Double-sided digital printing technology has been authorized 15 patents in China, Japan, the United States, the European Union and other regions.



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 manufacturers in China. As the unit of the China printing Association 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 Maintenance", 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



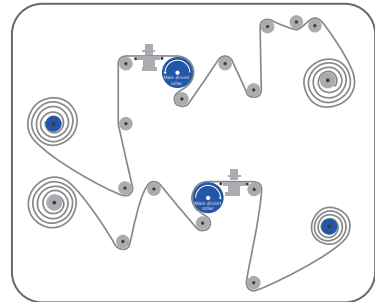
Synchronous double-sided digital printing technology has provided highly competitive solutions for worldwide customers and is deeply appreciated by high-end brand customers around the world. It leverages the incremental market through high-end technology and create more wealth for customers.



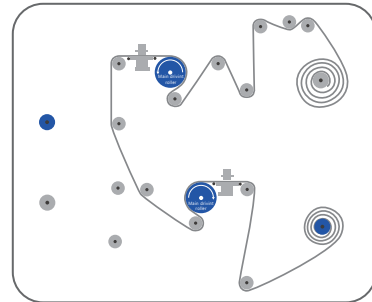
# INNOVATIVE TECHNOLOGY

Redefines double-sided textile printing machine

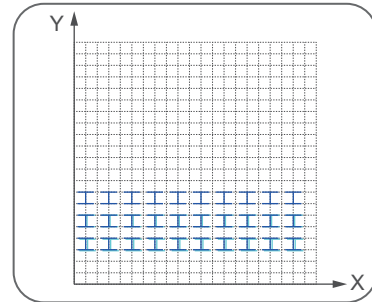
## One machine with multiple functions



Route of two single printing



Double side printing route



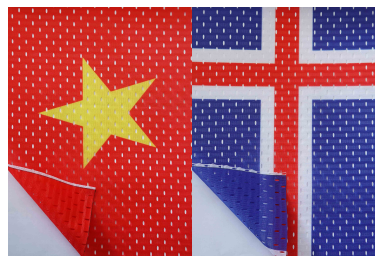
Multipoint alignment

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

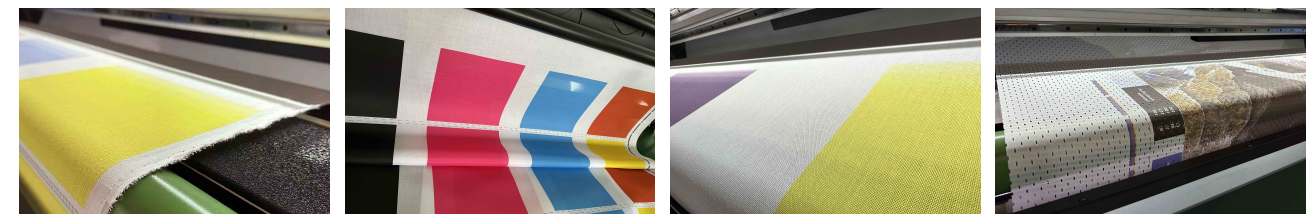
【Scene flags】  
Outdoor customization  
such as car flag and  
garden flag

【Home textile】  
Curtain

【Decorative textiles】  
partitions, wall cover-  
ings, 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) 118m <sup>2</sup> /h	2pass (605×600) 260m <sup>2</sup> /h
	3pass (605×900) 87m <sup>2</sup> /h	3pass (605×900) 190m <sup>2</sup> /h
	4pass (605×1200) 72m <sup>2</sup> /h	4pass (605×1200) 160m <sup>2</sup> /h
Ink type	Disperse ink	
Ink color	C、M、Y、K (MAX 8 colors Optional)	
RIP software	Caldera Grand RIP	
Work environment	Temp20-28°C 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**

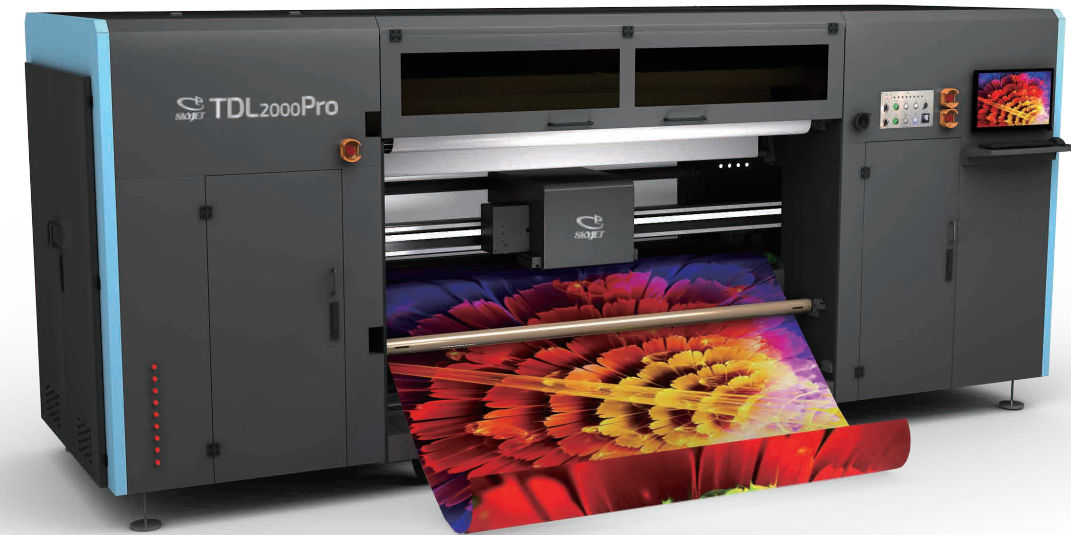
# TDL2000Pro

Textile double sided direct to fabric printer

High precision  
KJ4B-0300 print head

Brighter in color  
Double sided synonymous printing

Printing width  
2200MM











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) 90m <sup>2</sup> /h	2pass (605×600) 200m <sup>2</sup> /h
	3pass (605×900) 67m <sup>2</sup> /h	3pass (605×900) 150m <sup>2</sup> /h
	4pass (605×1200) 55m <sup>2</sup> /h	4pass (605×1200) 120m <sup>2</sup> /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°C Humidity40-70%	
Power	AC380V, 50/60Hz, Power supply 15KW	
Dimension	5160mm× 900mm× 2120mm	
Weight	3150kg	

### 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**

# 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)	90m <sup>2</sup> /h	2pass (720×600) 106m <sup>2</sup> /h
	3pass (360×1800)	70m <sup>2</sup> /h	3pass (360×1800) 82m <sup>2</sup> /h
	4pass (720×1200)	50m <sup>2</sup> /h	4pass (720×1200) 60m <sup>2</sup> /h
Ink type	Disperse ink		
Ink color	C、M、Y、K (MAX 8 colors Optional)		
RIP software	Print Factory		
Work environment	Temp20-28°C Humidity40-70%		
Power	AC380V, 50/60Hz, Power supply 15KW		
Dimension	4680mm× 1495mm× 1870mm ( Height 2250mm include ink bucket)		
Weight	2000kg		

### 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.