



Universe Is Infinite And Exploration Never End

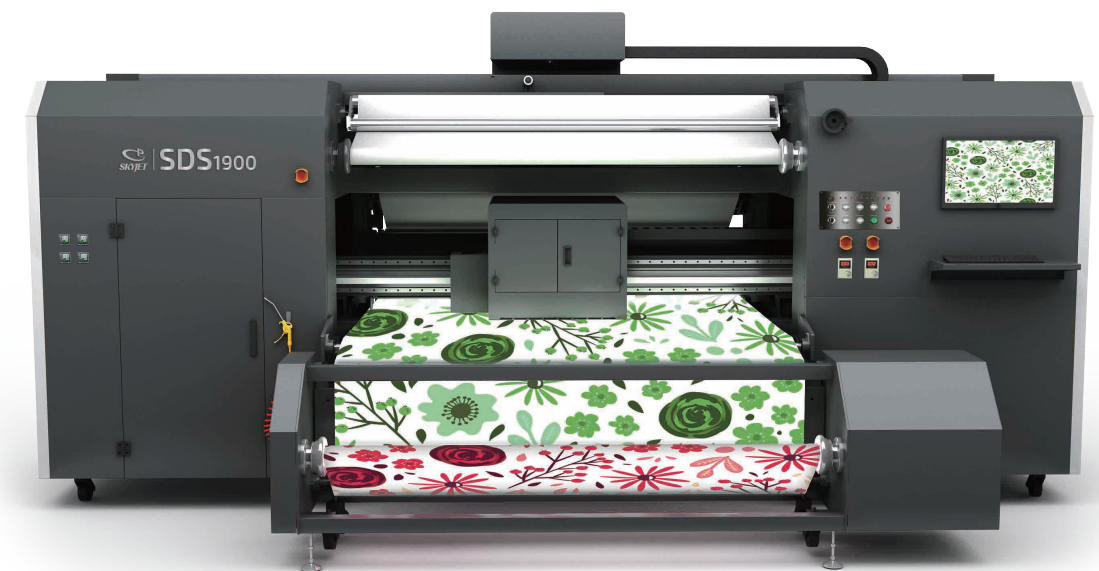
 SKY AIR-SHIP DIGITAL PRINTING EQUIPMENT CO.,LTD

Add: #5,A-2,No.3 Street,Shenyang Economy & Technolgy
Development Zone,China.110141
Tel: +86-24-25818868 Fax:+86-24-25901127
E-mail: skyjet@skyair-ship.com

Global First Origination

Double sided textile
one-shape printing technology

Double sided textile printer series



Leader of Global
Double Side Printing Machines

ADVANTAGE OF MARKET

Advantage of market- Irreplaceable pacemaker.

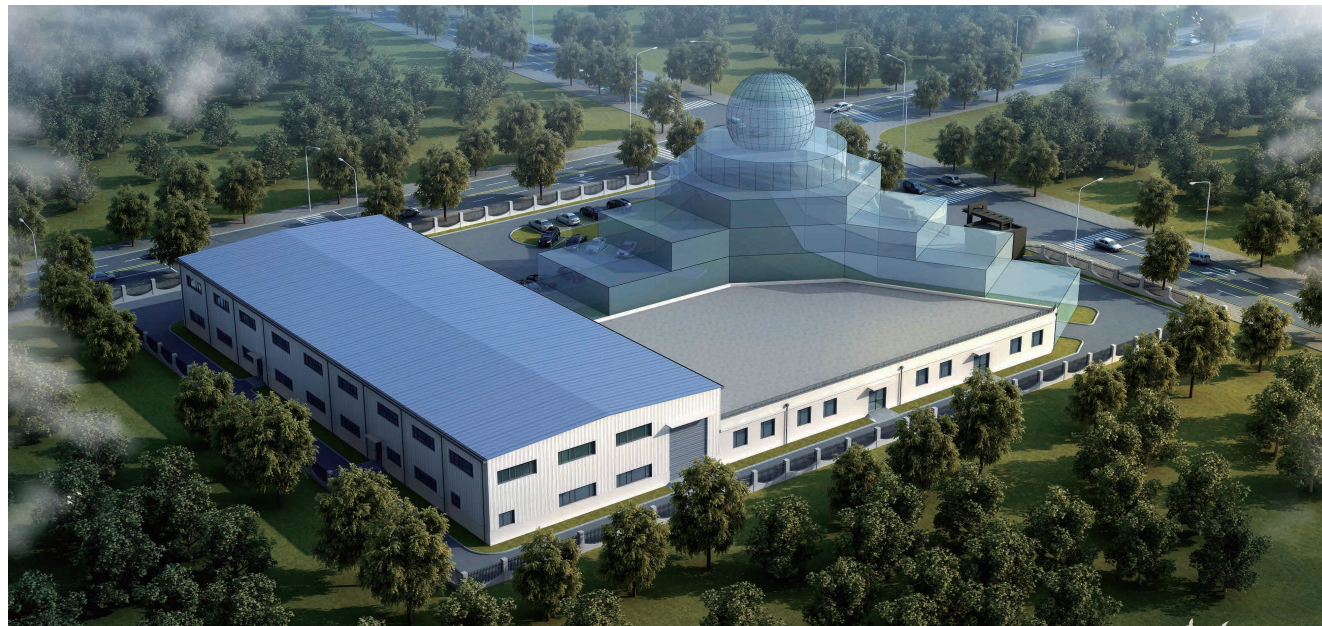
SDouble one-shape double-sided digital printing equipment has reached strategic cooperation with a number of large enterprises in Como, Italy, and has provided double-sided printing solutions for international fashion brands for many years.



SDS1900 | SKYJET Double sided textile printer |

One time forming+Double sided jacquard printing+New upgraded jacquard printing>>>

Double sided textile one-shape printing technology



SKY AIR-SHIP DIGITAL PRINTING EQUIPMENT CO.,LTD

Established in 2001, Shenyang Air-Ship digital printing equipment company 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-India 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.

Sky air-ship established a differentiated product strategy, with the world's leading synchronous double-sided printing technology as its core competitiveness, helping customers to move to a new level in the field of high-end product production, and is committed to providing digital printing equipment, processes, consumables and An integrated solution for operation, the products include: textile double-sided digital printing machine series, textile double-sided direct inkjet machine series, single-sided and double-sided UV inkjet printer series.



FIRST GLOBAL INNOVATION LEADING WHOLE WORLD

First global innovation leading whole world

22 years of insisting on research and development of synchronous double-sided printing technology, enjoying a high reputation in the global digital printing field.

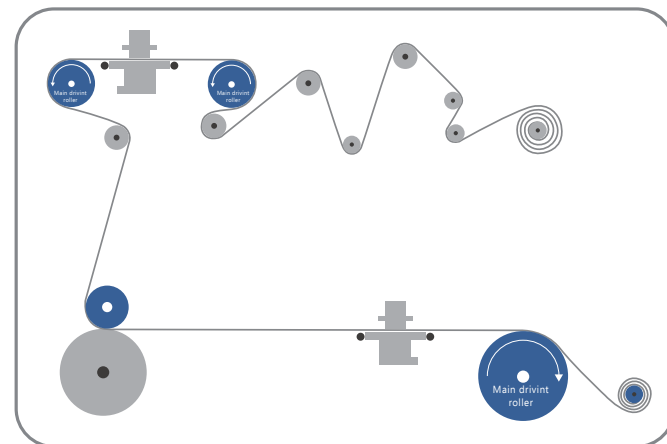
"SKYJET" double sided printing technology development experience make it got the double sided printing technology patent in China,Japan,USA,EU etc.



SDouble double sided digital printer

Interpretation of working principle

It adopts the synchronous double sided patent printing frame of 2 sets of printing carriages to complete double sided printing by one time fabric feeding. "Fabric constant tension control", "Auto-matic image identification" and "Auto-matic tracking alignment" can keep fabric front&back accurate auto-matic printing alignment without manual work which meet large-scale double sided production need.



Obvious color defect of single sided printer

- 01 Obviously color difference between front and back of media
- 02 Big color pattern is not homogeneity
- 03 Textile has stripe spots, spot



Double sided textile one shape printing technology combines traditional and digital technology together in One.

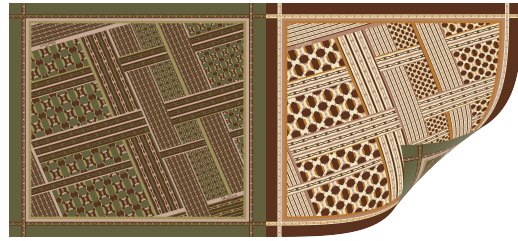
SDouble textile printer combines traditional with digital textile printing crafts to create World Unique Double Sided One Shape Printing Technology. The technology can print textile double sides at one time.

- 1 Elaborate pattern of design with clearer printing
- 2 Double-sided Jacquard fabric printing
- 3 Guide belt frame, suitable for a wide range of fabrics



Create more business opportunity

Six premier solving solutions



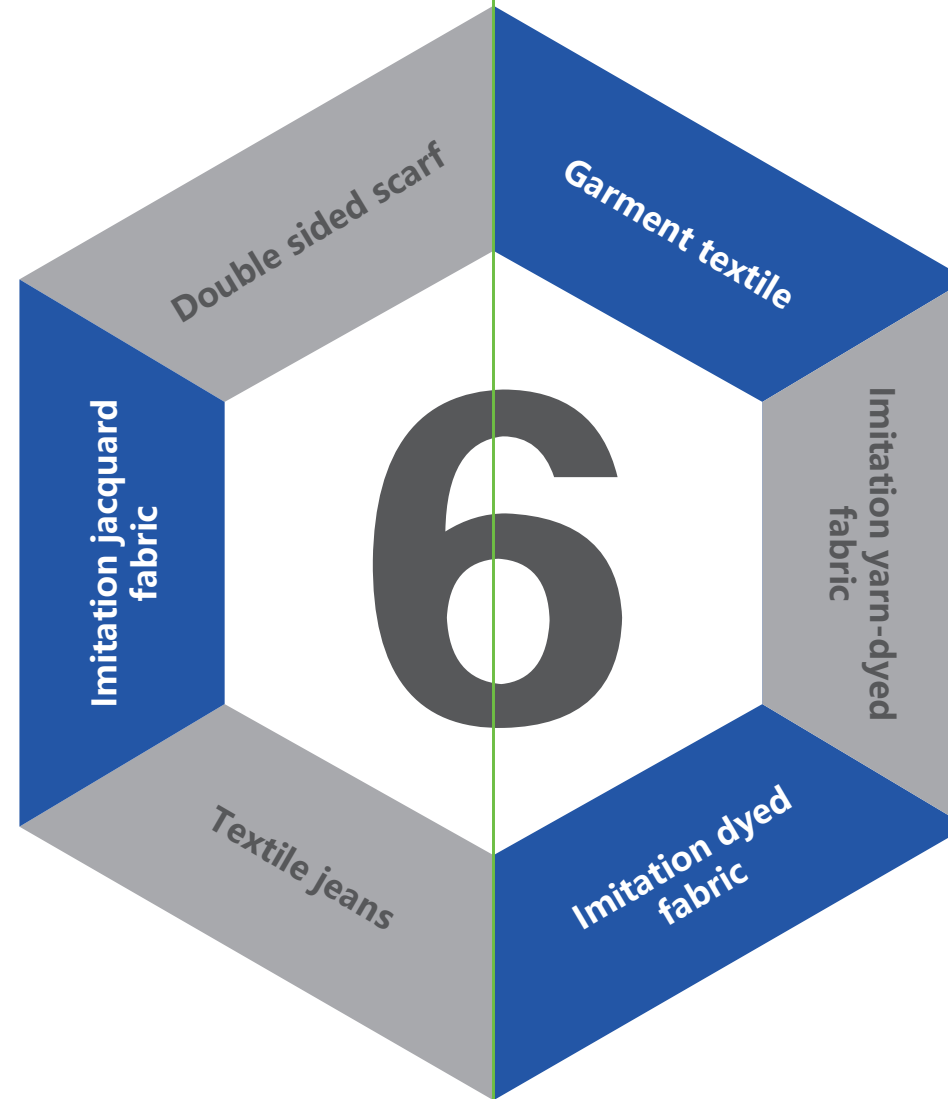
The scarf clothing has the characteristics of double-sided display. The "same flower and different colors" double-sided printing process can achieve the printing effect of the front and back sides of the color contrast which two colorful scarves are combined into one, it is best art solutions for different clothes and different occasions.



Jacquard fabrics exposed for high-grade and tasteful, but the richer the color, the higher the production cost. The "jacquard printing" double-sided printing process can simulate multi-color jacquard effects on white jacquard fabrics, reducing the production cost of jacquard fabrics.



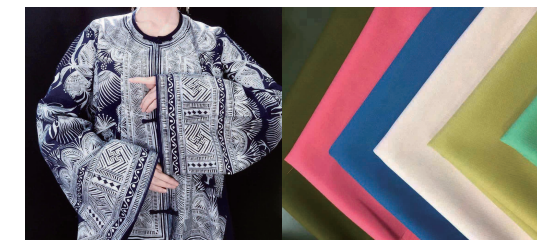
Jeans is one of yarn dyed fabric. It uses special washes and distressing methods to make old affection, but sewage discharge has been restricted since environment protection. Double side technology makes the front wash or printing effect, and yarn dyed effect on the back, this can make jeans more fashion and high level.



Silk scarf is easy to reveal the other side and if back side silk color is lint, then it looks bad. "same pattern with same color" art is solving the problem. Using "different pattern with different color" art to make a hard copy textile for brand owner by different design of front and back side art.



Yarn-dyed fabrics have a strong three-dimensional effect and high color fastness, but the cost of small-batch customization is relatively high. Using the "same flower and same color" double-sided printing process, the imitation yarn-dyed pattern can be printed on the front and back of the white fabric at the same time, which can simulate the digital printing fabric with the yarn-dyed effect.



Small-batch dyeing is a requirement for clothing customization and individual development. The double-sided printing process of "spraying instead of dyeing" can achieve the printing effect of spot color dyeing, and can also replace manual batik printing, saving 50% of sewage discharge compared with traditional dyeing.

SKYJET

SDS1900

Double sided textile printer

TECHNICAL PARAMETERS

CE mode name	SDS1900
PH Type	KJ4B-QA06
Color	8 colors (C, M, Y, K, LM, LK, BLUE, ORANGE)
PH No.	8 colors 16pcs (double carriage)
Speed Weak mask	3pass(605×1800) 52m ² /h
	4pass(605×2400) 39m ² /h
	6pass(605×3600) 26m ² /h
Media Thickness	1800mm
Ink Type	Active ink, Disperse ink, Acid ink, Pigment ink
RIP Software	Neostampa
Work Environment	Temp20-28°C, Humidity50-70%
Power	380V, 50/60Hz, Printer 16KW, Heating fan8.5KW
Dimension	Printer: 5890mm×4970mm×2170mm
	Take up: 2975mm×1175mm×870 mm
Net weight	3600kg

 **BELT CONSTRUCTION WITH HIGH PRECISION**



 **MORE MATERIAL APPLICATION**

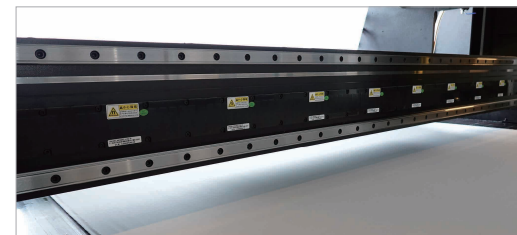
 **NEW TECHNOLOGY UPGRADED JACQUARD PRINTING**

 **INTELLIGENT RECOGNITION AND PRECISE ALIGNMENT**

Technical index

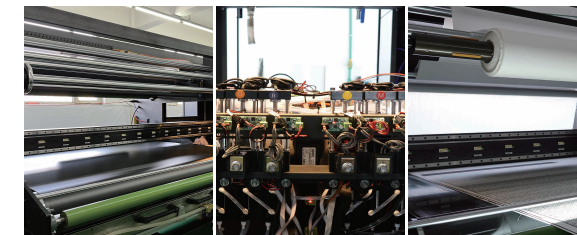
 **Quality hardware configuration**

- KYOCERA KJ4B-600DP Industry print heads
- Linear motor guild rail
- S shape fabric rolling +belt print frame



 **Fully print monitoring system**

- Tension control
- Negative pressure protection
- Rule and light box for efficient production



 **Anti-fouling system**

- Anti-pollution protection function
- Belt washing system
- Heating system
- Teflon roll anti-pollution



 **Intelligent system**

- Automatic image identification
- Automatic DS alignment
- Wrinkle detection
- Print Log and ink consumption statistics



 **Stable controlling system**

- Industry PLC central control module
- Heating system
- Whole sealing moisturizing system, purging system and print head wiping system

 **CE safety system**

- Light curtain
- Safety door
- Safety rope

