

**Double carriages direct print VS Double sided direct print**

Technical Parameters				
Model	TDL3300 KJ4B- 4 (2-channel) heads/ 2 Front+2 Back			
P.H.	Without mask		With 50% mask speed difference	
Print M.	Double carriages	Double sided	Double carriages	Double sided
Print resolution (without mask)	2pass(605x600) 236m <sup>2</sup> /h	2pass(605x600) 100m <sup>2</sup> /h	2pass(605x600) 166m <sup>2</sup> /h	2pass(605x600) 73m <sup>2</sup> /h
	3pass(605x900) 172m <sup>2</sup> /h	3pass(605x900) 73m <sup>2</sup> /h	3pass(605x900) 136m <sup>2</sup> /h	3pass(605x900) 58m <sup>2</sup> /h
	4pass(605x1200) 136m <sup>2</sup> /h	4pass(605x1200) 58m <sup>2</sup> /h	4pass(605x1200) 116m <sup>2</sup> /h	4pass(605x1200) 43m <sup>2</sup> /h
Ink type	Dye sublimation and disperse			
Color	C、M、Y、K			
Ink tank	5L			
RIP	CALDERA Rip			
P.H.maintain	Automatic cleaning, wipe, moisturize, sealing device			
Fabric thickness	10mm			
Print width	3200mm			
Print length	50m			
Work Environment	Humidity20-28°C,temperature40-70%			
Power	380V , 50/60Hz , Main 15.5KW(Drying 8KW)			
Dimension	6122×2037×1920 ( mm )			
Weight	3800KG			

**Service**

- ★ Manufacturer direct 24hours online services to protect your printer working smooth.
- ★ Global local dealer services keep your machines working&problem solving in time.



**New Product 2020**

The textile direct print technology makes worlds more beautifully



# Muti functional textile direct printing machine, Global invention patent

TDL3300 textile direct printing machine adopts unique "single&double sided function idea" and it can be used as 2 single side direct printing machines and 1 double sided direct printing machine. We have got the PCT of patent from China, Japan, USA, EU. It can meet needs of textile direct printing field like "AD soft signage, banner flag, show&POP, unique decoration etc."



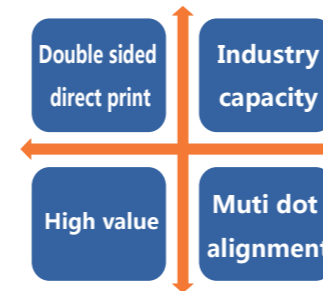
## ADVANTAGES

**Double sided direct print** : "Same pattern same color, different pattern different color,same pattern different color" could be direct printed by feeding Flag fabric at one time

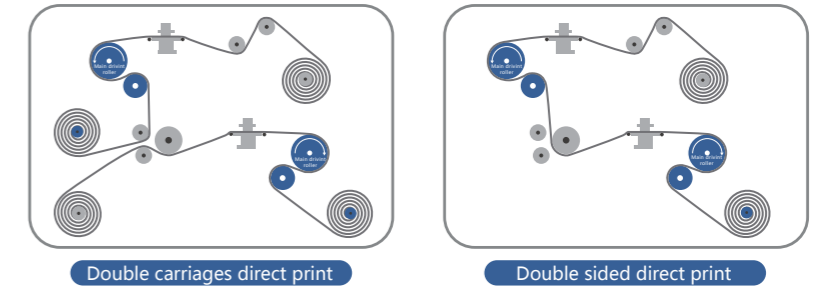
**Industry capacity** : Under 2PASS module, Direct printing capacity can be 236sqm/hour, easily meet 4000sqm dairy work ability. Saving labor cost, ground cost and getting better color accuracy.

**High value** : TDL3300 can works as 3 textile direct printing machines and it covers whatever traditional single side printing and double sided printing abilities.

**Muti dot alignment** : Freely set double sided alignment dot, easily adjusts front&back alignment, Suitable for muti fabric double sided direct print.



## PRODUCT FUNCTION



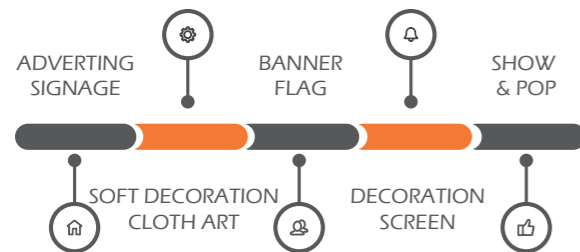
### Double carriages direct print

Adopts 2 sets integrated driving system, print system and ink system and can print as 2 sets industry Flag(fabric) printers. It can print under different module, different fabric and work at same time. Short run capacity is up 100%.

### Double sided direct print

Adopts Patent double sided media rolling method and control technology and direct print same pattern or different pattern on fabric(Flag) double sides. 100% accuracy alignment to solve traditional direct print front&back side color difference problem.

## APPLICATION



- Same pattern same color
- Same pattern different color
- Different pattern different color

## ADVERTING SIGNAGE



Textile direct printing is trend of Green AD signage and 20% rate of increase can proof this point. It has better "fold" ability, resistance of low temperature, low shipping cost, easy to install merits and solve advertisement construction "pain spot". It is real meaning of Green AD making method because of odour free, recycle and degradable.

## BANNER FLAG



Banner flag industry is changing from lost entry tickets, low value working process to industry and high extra value workmanship. Especially double face flag field, it has the defect of permeate, but double sided textile direct printing technology is the best plan for this and it is also profitable.

## TECHNICAL SPECIFICATION

### [Extra precision direct print]

Industry kyocera gray scale head, 1200DPI resolution, more colorful and smooth.

### [Feeding structure]

Servo motor accuracy controls big rubber roll driving to keep fabric step rolling accuracy and without wrinkle.

### [Tension contro]

Tension feed&take up system can keep instant tension on fabric and is suitable for many different kinds of textile.

### [P.H.maintain]

Automatic moisturize, cleaning, and wipe device to prevent print heads nozzle clog and keep a long time direct print ability.

### [Degassing module]

Remove bubble of ink and keep high speed continuous print without clog.

### [Infrared drying]

High efficiency infrared air heating system to keep high speed need and taking up needs.

### [Textile]

Terylene, blended fabric etc. Chemical fiber fabric.

### [Color RIP]

CALDERA

### [Imported parts]

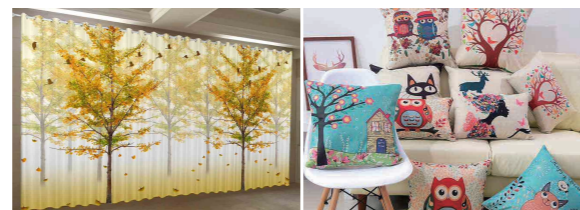
Metal grating ruler, 750KW Panasonic servo motor, IGUS train&cable, Japanese up-down motor, Mitsubishi industry control PLC etc. can keep machine working more stable.

## SHOW & POP



Textile direct printing is the main producing way for the show&POP and beautiful, fast, low cost and recycle is the green construction purpose, but it has traditional way has defect of color difference. Double sided direct printing can solve it.

## SOFT DECORATION CLOTH ART



It can meet soft decoration unique needs, such as curtain,sheer curtain, desk cloth and paint etc. Direct textile printing is necessary way to make customer-made soft decoration.

## DECORATION SCREEN



Air&wind penetrating, easily to move is trend of light-decoration and half transparent sheer fabric can be made to suspended, wood shape or clamp mid of glass etc different style. It is a better way for customer-made art decoration.