SAISTAR ®

DIGITAL PRINTER | HEAT TRANSFER | INK

SAISTAR
DIGITAL PRINTER | HEAT TRANSFER | INK

The seed for this venture had been sawn in year 2015, which today have nurtured into a big tree, today to be known as "SAISTAR IMPEX", one of the renowned group among the importers of textile machinery such as Embroidery Machine, Heat Transfer Machine, Digital Print Machine, INK etc. Be smart enough and take a wise decision... because at "SAISTAR IMPEX" we understand that it is not just selling you a machine but, we give delivery on time, unbeatable price, quality machines, (24x7) customer feedback and much more.

Location

Location of "SAISTAR IMPEX" which is at the heart of the Surat, provides an added advantage for entrepreneurs.

Our Mission

An institute initiated to impart quality service to entrepreneurs.

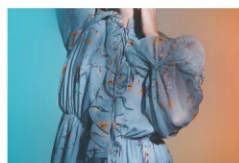**WE ARE HERE TO HELP YOU!**

Team

The "TEAM SAISTAR" at our institute possess rich industry experience and are immensely popular among entrepreneurs fraternity for delivering excellent services. To add charm to the portfolio of our services and experience, our team have an added advantage of having their own venture in Embroidery Machine, Heat Transfer Machine, Digital Print Machine etc.

TEAM
SAISTAR

SK 18-A Series

Parameters

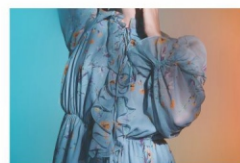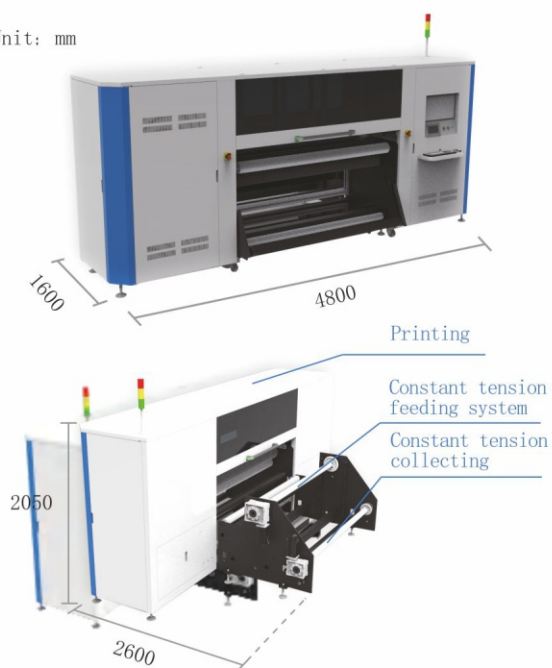|		SK 1808-A	SK 1816-A	SK 1824-A
Machine	Model	SK 1808-A	SK 1816-A	SK 1824-A
	Size (LxWxH)	4815X2370X1630mm	5280X2680X2390	5280X2680X2390
	Weight	3000kg	4298kg	5000kg
	Quantity of printhead	8	16	24
	Ink colors	8	8	8
Print	Recommended speed (m²/H)	230m²	460m²	670 m²
	Resolution	2PASS: 604*600dpi		
	High resolution mode (m²/H)	130m² 266m²	355m²	511m²
	Resolution	3PASS:604*900dpi		
	Printing width	1800mm		
	Fabric	Cotton / Viscose / Woven / Silk		
	Print height range / optimum height	2.5~20mm/3.5mm		
	Working environment	Temperature 25-28°C, Humidity 55%~65%		
Printhead	Brand	Kyocera Industrial Printhead		
	Maintenance	Automatic cleaning, ink scraping, moisturizing, anti-collision		
Ink	Brand	Saistar Specialized Disperse Reactive, Acid, Digital Inks		
	Color system	6 colors (C,M,Y,BK,B,R), 8 colors (C,M,Y,BK,B,R,Lc,Lm)		
	Effective	12 months		
	Optimal storage environment	25~28 °C, Avoid the light		
Software	Rip software / Operating system	Photopoint, Neostampa / Windows 10		
Installation requirements	Power requirements	AC 220, 50/60HZ 47A 12KW		
	Air source equipment requirements	2kW or 2HP air compressor	15kW or 8HP air compressor / 1000L air tank	

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SK 18-B Series

Parameters

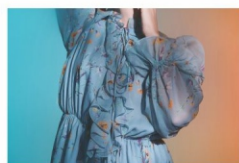| Machine	Model	SR 1808-B	SR 1816-B	SR 1832-B
	Size (LxWxH)	4764X2328X1589mm	4764X2328X1589mm	5052X2320X2042mm
	Weight	3000kg	3000kg	3521kg
	Quantity of printhead	8	16	32
	Ink colors	8	8	8
Print	Recommended speed (m²/H)	180 m²	180 m²	360 m²
	Resolution	3 PASS: 508*900dpi		
	High resolution mode (m²/H)	1800mm		
	Resolution	4PASS:900*1200dpi		
	Printing width	1800mm		
	Fabric	Cotton / Viscose / Woven / Silk		
	Print height range / optimum height	2.5~20mm/3.5mm		
	Working environment	Temperature 25-28°C, Humidity 55%~65%		
Printhead	Brand	Ricoh Industrial Printhead (Gen 6)		
	Maintenance	Automatic cleaning, ink scraping, moisturizing, anti-collision		
Ink	Brand	Saistar Specialized Reactive / Disperse / Pigment Digital Inks		
	Color system	6 colors (C,M,Y,BK,B,R), 8 colors (C,M,Y,BK,B,R,Lc,Lm)		
	Effective	12 months		
	Optimal storage environment	25~28 °C, Avoid the light		
Software	Rip software / Operating system	Photopoint, Neostampa / Windows 10		
Installation requirements	Power requirements	AC 220, 50/60HZ 47A 12KW		
	Air source equipment requirements	2kW or 2HP air compressor	15kW or 8HP air compressor / 1000L air tank	

Unit：mm

4800

1600

Printing

Constant tension feeding system

Constant tension collecting

2050

2600

SPK 18 Series

Parameters

Machine	Model	SPK 1808	
	Size (LxWxH)	4764X2328X1589mm	4764X2328X1589mm
	Weight	3000kg	3000kg
	Quantity of printhead	8	16
	Ink colors	4	4/8
Print	Recommended speed (m^2/H)	180 m^2	360 m^2
	Resolution	3 PASS: 508*900dpi	
	High resolution mode (m^2/H)	1800mm	
	Resolution	4PASS:900*1200dpi	
	Printing width	1800mm	
	Fabric	All polyester fabrics	
	Print height range / optimum height	2.5~20mm/3.5mm	
	Working environment	Temperature 25-28°C, Humidity 55%~65%	
Printhead	Brand	Kyocera Industrial Printhead	
	Maintenance	Automatic cleaning, ink scraping, moisturizing, anti-collision	
Ink	Brand	Saistar Specialized Sublimation Digital Inks	
	Color system	6 colors (C,M,Y,BK,B,R), 8 colors (C,M,Y,BK,B,R,Lc,Lm)	
	Effective	12 months	
	Optimal storage environment	25~28 °C, Avoid the light	
Software	Rip software / Operating system	Photopoint, Neostampa / Windows 10	
Installation requirements	Power requirements	AC 220, 50/60HZ 47A 12KW	
	Air source equipment requirements	2kW or 2HP air compressor	15kW or 8HP air compressor / 1000L air tank

SPECIFICATION

Oil Drum Diameter	600mm/800mm/1000mm/1200mm
Felt Width(blanket)	1880mm (Optional)
Working Width	1800mm(72") (Optional)
Speed	5 To 6 M/min In Maximum (800 Dai)
Power Configuration	3-phase ,4-wire,380v/70hz
Production	330 to 350 m/h (800mm Dai)
Heating System	Oil Heating
Temperature	Up To 230 Celsius
Initial Power	48/58/75/90 Kw
Net Weight	1900kg—3500kg

FEATURES

Easy To Operate, Simple Setting Of Speed, Temprature And Pressure
Printed Fabric Easily Collected To Use Conveyor Belt In Machine
Easily Cut Off Pre-print Paper Use Of Long Working Platferom
Temperature Showing Accurate Controller
Long Life Of Felt(blanket) Original Nomex100%
Easy And Quick To Pick Set Temperature Point
Maintenance Free-slip Ring Device
Low Maintenance And Pollution

FOCUSING ON ONLY
HIGH QUALITY INDUSTRIAL INK

We are trading in environmentally friendly digital printing ink is a kind of ink specially developed for industrial-grade print heads and machine ink paths used in all digital printing machines. This digital printing ink is formulated with the best for direct-injection printing of special textiles and garments. The ink system is stable with excellent color fastness to washing, dry/wet rubbing fastness, excellent color fastness, and bright colors. It is used for cotton, linen, wool and blended fabrics, direct-injection printing, the fabric feels soft after printing, conforms to the ecological textile standard (Oeko-Tex Standard100), the ink has passed the A01 verification, and has various test verification reports from professional testing institutions SGS and intertek, and the products meet the requirements of various clients.

SGS Testing Data(AATCC)									
Colour		C	M	Y	K	LK	R	O	G
Washing Fastness Level		4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Grade of perspiration fastness		4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Light fastness level		6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Rubbing fastness level	dry fricition	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	dry fricition	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
formaldehyde		N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D

UKAS
QUALITY MANAGEMENT

nqa.
ISO 9001
ISO 14001
Registered

Printhead parameters

	Kyocera Printhead KJ4B	Starfire Printhead Sg1024	Ricoh Printhead Mh5420
Resolution	600 dpi	400 dpi	600 dpi
Grayscale printing	4 gray-scale per dot	4 grey-scale per dot	4 gray-scale per dot
Print width	112.42mm	64.96mm	54.1mm
Ignition frequency	30K	50K	Binary mode 30k/Gray mode 20K
Minimum ink dot	Binary mode 5PL	Binary mode 10PL, 12 PL, 25PL	Binary mode 7PL
Average life span	2-3 years	3-5 years	2-3 years
Characteristic	1. 600dpi Resolution printing; 2. 112mm wide to achieve greater printing width with fewer printhead; 3. Synchronously realize high-speed, high-resolution and 4-level gray printing; 4. The unique ink channel design provides a stable ink supply of 2656 nozzles, so as to realize the reliability of continuous printing.	1. Strong and repairable printhead structure; 2. 1024 independent traceable orifces prinheads; 3. Combined variable drop binary and gray jet. 4. Removable and replaceable service life. 5. Excellent durability and longer service life.	1. 600dpi Resolution printing; 2. Support UV, Solvent, water-based and other inks; 3. Variable drop capacity, supporting 4. Levels of gray;

Installation requirements

Installation requirements	Power requirement	Single phase 220V, 3KW, 50/60HZ
	Air source requirement	0.6MPA, 50L/min, Dry, oil-free, moisture-free
	Air source equipment requirements	Air compressor 20HP, 14.7KW, 380V, 50/60HZ; Air storage tank 1000L, Air filter, Oil water separator
	Environment	Temperature: 25˜28C, Humidity: 55%˜ 65%, Dust free

Auxiliary Equipment

Pressure regulator
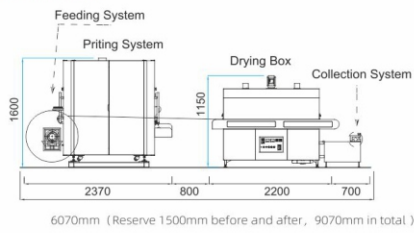
Air compressor

Dryer

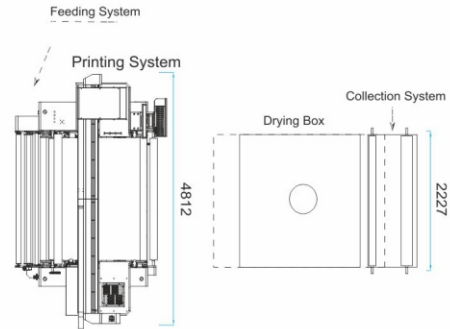Exposure machine

Air conditioner

Humidifier

Scheme 1: Normal speed (Equipped with single-layer electric drying oven)
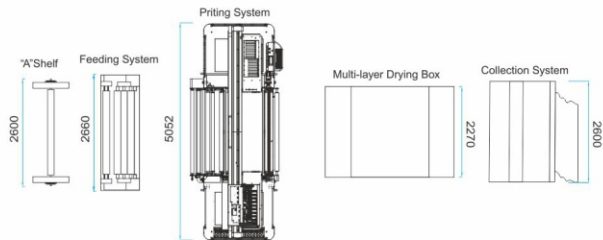
Side view
Company:mm

Feeding System
Priting System
Drying Box
Collection System

1600   1150
2370   800   2200   700

6070mm（Reserve 1500mm before and after，9070mm in total）

* Applicable to equipment with printing speed lower than 270 ㎡ / h

Feeding System
Printing System
Collection System
Drying Box
4812   2227

Scheme 2: High speed (Equipped with multi-layer steam / electric oven)

Vertical view
Company:mm

Priting System
"A"Shelf   Feeding System
Multi-layer Drying Box   Collection System
2600   2660   5052   2270   2600

"A"Shelf   Priting Syestem   Multi-layer Drying Box   Collection System
Feeding System
2042   2600
900   500   700   750   2490   800   2100   400   1800

* Applicable to equipment with printing speed higher than 270 ㎡ / h
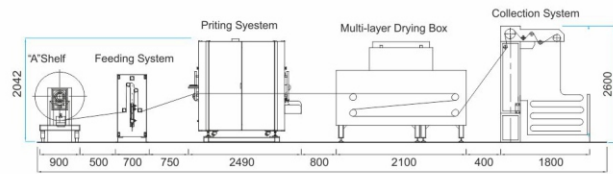
Auxiliary Equipment

Main technical parameters					
Product Name	Max width	Max temperature	Electric power	Effective heating area in furnance	Size
Single-layer tunnel oven	1800mm	150℃	36KW	1800x1900mm	2200x2227x1150mm
S-model 3-layer tunnel oven	1800mm	150℃	55KW	5700x1850mm	2100x2270x1320mm

"A" Frame
Size: 900x2600x1100mm

Constant Tension Feeding System
Size: 700x2660x1400mm

Swing Frame
Size: 1800x2600x2600mm

High-quality Genuine Spare Parts are original equipment parts specifically designed, made, and tested to help you keep your machine running at peak performance .

Fast DELIVERY

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FAST SERVICE

HELPLINE
98790 22442

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