



**sunthinks**

**SHENZHEN SUNTHINKS TECHNOLOGY CO.,LTD**

**Industrial Single Pass Digital Printer Manufacturer**



# **A3**

## **PRINTHEAD SERIES**

### **DIGITAL SINGLE PASS PRINTER**

# **A3**

# COMPANY PROFILE

## » ABOUT SUNTHINKS



Established in 2002, ShenZhen Yuxunda International Ltd is a specialized manufacturer which integrates development, production and marketing in the field of printer consumables and sublimation transfer machines.

In 2012, based on rich experiences, we established a new company—Shenzhen Sunthinks Technology Co., Ltd. was established. And invested a lot of money, established a factory at the same time, recruited a large number of professional technical personnel, professional research and development, production of uv flatbed printers, one-way printers and other industrial digital equipment. After years of intensive cultivation in the printing field, many patents have been obtained. Branches have been established in many cities in China and more than 20 agents have been recruited from around the world. At the same time, we also support OEM and ODM, so we are also a supplier of many large enterprises.

We pursue innovation which devote to offer the whole high quality and efficiency printing solutions to meet different requests to satisfy each customer and help them get the best solution for printing needs!

## » PRODUCTS

1. Diversified product lines, product types, and models, one-stop to meet your various needs.
2. From material selection to finished products, each product adheres to a rigorous and responsible attitude, being strict with products and responsible to customers.
3. Printer source factory factory, factory direct, 1 piece is also the ex-factory price.
4. One-stop service, original accessories, later maintenance is cheaper and more convenient.
5. Pay attention to product quality and choose excellent materials.



**WATER-BASED Single Pass Printer**

**This Catalogue**



**UV single pass**

**See "Sunthinks UV" Catalogue**

# DIGITAL SINGLE PASS PRINTER WITH 1 PRINTHEAD



## SC300



<b>Product Name</b>	Digital Single Pass Printer
<b>Brand</b>	Sunthinks
<b>Application</b>	Kraft Paper Bag, Corrugated Carton/Box/Cardboard, Wood Board, Paper And Other Porous Materials
<b>Colors</b>	C / M / Y / K
<b>Ink</b>	Dye Ink & Pigment Ink - Water Based
<b>Printhead Model</b>	A3 Pagewide Printhead
<b>Printhead Quantity</b>	1pcs
<b>Printing Page Width</b>	300mm
<b>Printer Model</b>	SC300
<b>Power</b>	3.5kw
<b>Feeding Width</b>	680mm
<b>G.W</b>	600kg
<b>Product Size</b>	1126*2150*1500mm
<b>Material Thickness</b>	1~150mm
<b>Printing Speed</b>	30m/min
<b>Resolution</b>	1200dpi*300dpi / 1200dpi*600dpi / 1200dpi*1200dpi
<b>Customized Service</b>	Yes
<b>Auto Feeder</b>	Optional
<b>Feeder Brand</b>	Sunthinks
<b>Feeder Size</b>	850*850*1200mm
<b>Power</b>	1.8kw
<b>G.W</b>	100kg
<b>Feeding Width</b>	450mm
<b>Feeding Height</b>	1~450mm
<b>Feeding Speed</b>	30m/min

# DIGITAL SINGLE PASS PRINTER WITH 2 PRINTHEAD



## SC600 mini



### Digital Single Pass Printer

Sunthinks

C / M / Y / K

Dye Ink & Pigment Ink - Water Based

A3 Pagewide Printhead

2pcs

600mm

SC600 mini

4.5kw

1200mm

980kg

2650\*2250\*1650mm

1~80mm

30m/min

1200dpi\*300dpi / 1200dpi\*600dpi / 1200dpi\*1200dpi

Yes

Optional

Sunthinks

1900\*1750\*1700mm

0.75kw

600kg

1600mm

1~450mm

30m/min

# DIGITAL SINGLE PASS PRINTER WITH 2 PRINTHEAD



## SC600



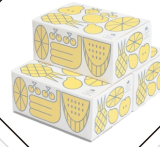
<b>Product Name</b>	Digital Single Pass Printer
<b>Brand</b>	Sunthinks
<b>Application</b>	Kraft Paper Bag, Corrugated Carton/Box/Cardboard, Wood Board, Paper And Other Porous Materials
<b>Colors</b>	C / M / Y / K
<b>Ink</b>	Dye Ink & Pigment Ink - Water Based
<b>Printhead Model</b>	A3 Pagewide Printhead
<b>Printhead Quantity</b>	2pcs
<b>Printing Page Width</b>	600mm
<b>Printer Model</b>	SC600
<b>Power</b>	5kw
<b>Feeding Width</b>	1600mm
<b>G.W</b>	1700kg
<b>Product Size</b>	3550*2250*2200mm
<b>Material Thickness</b>	1~80mm
<b>Printing Speed</b>	30m/min
<b>Resolution</b>	1200dpi*300dpi / 1200dpi*600dpi / 1200dpi*1200dpi
<b>Customized Service</b>	Yes
<b>Auto Feeder</b>	Optional
<b>Feeder Brand</b>	Sunthinks
<b>Feeder Size</b>	1900*1750*1700mm
<b>Power</b>	0.75kw
<b>G.W</b>	600kg
<b>Feeding Width</b>	1600mm
<b>Feeding Height</b>	1~450mm
<b>Feeding Speed</b>	30m/min

# DIGITAL SINGLE PASS PRINTER WITH 3 PRINTHEAD



<b>Product Name</b>	Digital Single Pass Printer
<b>Brand</b>	Sunthinks
<b>Application</b>	Kraft Paper Bag, Corrugated Carton/Box/Cardboard, Wood Board, Paper And Other Porous Materials
<b>Colors</b>	C / M / Y / K
<b>Ink</b>	Dye Ink & Pigment Ink - Water Based
<b>Printhead Model</b>	A3 Pagewide Printhead3pcs
<b>Printhead Quantity</b>	
<b>Printing Page Width</b>	900mm
<b>Printer Model</b>	SC900
<b>Power</b>	7kw
<b>Feeding Width</b>	2000mm
<b>G.W</b>	1900kg
<b>Product Size</b>	4120*2250*2200mm
<b>Material Thickness</b>	1~80mm
<b>Printing Speed</b>	30m/min
<b>Resolution</b>	1200dpi*300dpi / 1200dpi*600dpi / 1200dpi*1200dpi
<b>Customized Service</b>	Yes
<b>Auto Feeder</b>	Optional
<b>Feeder Brand</b>	Sunthinks
<b>Feeder Size</b>	2350*1750*1700mm
<b>Power</b>	1.5kw
<b>G.W</b>	800kg
<b>Feeding Width</b>	2000mm
<b>Feeding Height</b>	1~450mm
<b>Feeding Speed</b>	30m/min

# DIGITAL SINGLE PASS PRINTER WITH 4 PRINTHEAD



<b>Product Name</b>	Digital Single Pass Printer
<b>Brand</b>	Sunthinks
<b>Application</b>	Kraft Paper Bag, Corrugated Carton/Box/Cardboard, Wood Board, Paper And Other Porous Materials
<b>Colors</b>	C / M / Y / K
<b>Ink</b>	Dye Ink & Pigment Ink - Water Based
<b>Printhead Model</b>	A3 Pagewide Printhead
<b>Printhead Quantity</b>	4pcs
<b>Printing Page Width</b>	1200mm
<b>Printer Model</b>	SC1200
<b>Power</b>	8kw
<b>Feeding Width</b>	2500mm
<b>G.W</b>	2500kg
<b>Product Size</b>	5800*2250*2200mm
<b>Material Thickness</b>	1~80mm
<b>Printing Speed</b>	30m/min
<b>Resolution</b>	1200dpi*300dpi / 1200dpi*600dpi / 1200dpi*1200dpi
<b>Customized Service</b>	Yes
<b>Auto Feeder</b>	Optional
<b>Feeder Brand</b>	Sunthinks
<b>Feeder Size</b>	2870*1780*1700mm
<b>Power</b>	2.2kw
<b>G.W</b>	1000kg
<b>Feeding Width</b>	2500mm
<b>Feeding Height</b>	1~450mm
<b>Feeding Speed</b>	30m/min

# DIGITAL SINGLE PASS PRINTER WITH 5 PRINTHEAD



<b>Product Name</b>	Digital Single Pass Printer
<b>Brand</b>	Sunthinks
<b>Application</b>	Kraft Paper Bag, Corrugated Carton/Box/Cardboard, Wood Board, Paper And Other Porous Materials
<b>Colors</b>	C / M / Y / K
<b>Ink</b>	Dye Ink & Pigment Ink -Water Based
<b>Printhead Model</b>	A3 Pagewide Printhead
<b>Printhead Quantity</b>	5pcs
<b>Printing Page Width</b>	1500mm
<b>Printer Model</b>	SC1500
<b>Power</b>	8kw
<b>Feeding Width</b>	2500mm
<b>G.W</b>	2500kg
<b>Product Size</b>	5800*2250*2200mm
<b>Material Thickness</b>	1~80mm
<b>Printing Speed</b>	30m/min
<b>Resolution</b>	1200dpi*300dpi / 1200dpi*600dpi / 1200dpi*1200dpi
<b>Customized Service</b>	Yes
<b>Auto Feeder</b>	Optional
<b>Feeder Brand</b>	Sunthinks
<b>Feeder Size</b>	2870*1780*1700mm
<b>Power</b>	2.2kw
<b>G.W</b>	1000kg
<b>Feeding Width</b>	2500mm
<b>Feeding Height</b>	1~450mm
<b>Feeding Speed</b>	30m/min

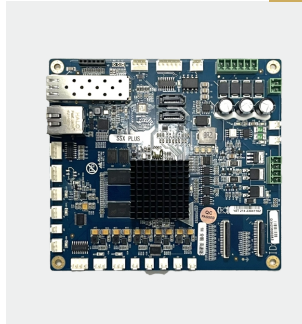
# DIGITAL SINGLE PASS PRINTER WITH 6 PRINTHEAD



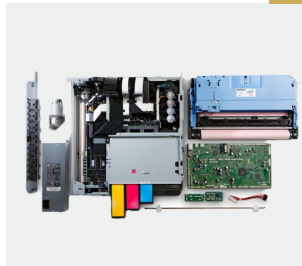
<b>Product Name</b>	Digital Single Pass Printer
<b>Brand</b>	Sunthinks
<b>Application</b>	Kraft Paper Bag, Corrugated Carton/Box/Cardboard, Wood Board, Paper And Other Porous Materials
<b>Colors</b>	C / M / Y / K
<b>Ink</b>	Dye Ink & Pigment Ink -Water Based
<b>Printhead Model</b>	A3 Pagewide Printhead
<b>Printhead Quantity</b>	6pcs
<b>Printing Page Width</b>	1800mm
<b>Printer Model</b>	SC1800
<b>Power</b>	8kw
<b>Feeding Width</b>	2500mm
<b>G.W</b>	2500kg
<b>Product Size</b>	5800*2250*2200mm
<b>Material Thickness</b>	1~80mm
<b>Printing Speed</b>	30m/min
<b>Resolution</b>	1200dpi*300dpi / 1200dpi*600dpi / 1200dpi*1200dpi
<b>Customized Service</b>	Yes
<b>Auto Feeder</b>	Optional
<b>Feeder Brand</b>	Sunthinks
<b>Feeder Size</b>	2870*1780*1700mm
<b>Power</b>	2.2kw
<b>G.W</b>	1000kg
<b>Feeding Width</b>	2500mm
<b>Feeding Height</b>	1~450mm
<b>Feeding Speed</b>	30m/min

# PRINTER FEATURES

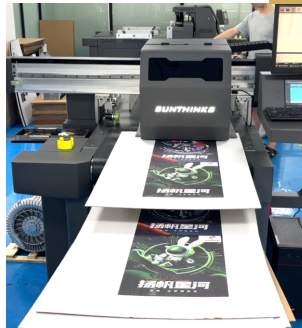
**1** .Self-developed special-purpose printer motherboard, patent protection, domestic exclusive, perfect fit with the machine, strong stability. It comes with automatic picture feathering function and automatic gap printing, supports multi-task continuous printing, and automatically switches and prints pictures without indirection.



**3** .Using the new A3 pagewide printhead, the print width of a single print head is 300mm, compared with the A4 pagewide printhead, the print width of a single print head is wider. 1 to 6 printhead configurations are optional, and the maximum printing width is 1500mm.



**5** .Fully digital single pass printer, it can print when it is turned on, the printing cost is low, no plate making is required, the production efficiency is high, and the pictures can be imported and printed. The maximum printing length of a single image is 20m. The maximum printing precision is 600dpi\*1200dpi, and the fastest printing speed is 30m/min.



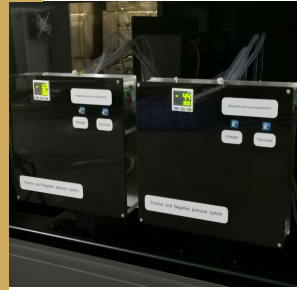
**7** .Equipped with a self-developed perforated conveyor belt that has obtained relevant patents, it has an automatic deviation correction function, and cooperates with the suction function of the printing platform to accurately send the material to the bottom of the print head for precise printing.



**9** .The professional automatic feeder has fast, stable and uniform feeding characteristics, which improves printing efficiency and saves the cost of manual feeding.



**2** .The original ink circuit circulation technology can effectively eliminate the small air bubbles in the ink and the air in the ink circuit, and continuously supply ink to the print head with a stable and balanced negative pressure value.



**4** .The high-definition touch screen integrates various functional control units, equipped with a PLC operating system, easy to operate, customizable programming, strong compatibility, and can be used with other equipment.



**6** .3.5L large-capacity ink supply system, equipped with environmentally friendly pigment ink and dye ink. Imported high-quality water-based raw materials are used to make the printing effect more vivid and the color saturation higher. At the same time, no VOC waste gas is generated, and there is no need to worry about environmental protection issues.



**8** .The combined design of the pressure wheel and the pressure sheet enables the material to pass under the print head smoothly and stably when it is conveyed rapidly, preventing damage to the print head.



**10** .The structure of the printer is all steel integrated, strong and durable. The fuselage is designed with multiple maintenance windows for important components, which is convenient for maintenance.



# WHY CHOOSE SUNTHINKS

## »» WHAT'S THE CURRENT STATE OF THE INDUSTRY?

The traditional printing method is slow, the process is cumbersome, and the printing cost is high, which is suitable for mass printing.

Large-volume printing orders have become history, and multi-batch and small-batch printing orders have become the norm in the market.

In the era of multi-channel operation and development of stores and online stores, the timeliness of services and the diversity of customization are essential.

Reduce production costs, simplify production processes to form a stable supply chain, and create high profits at low costs.

## »» OUR ADVANTAGE

20 years of printer factory, completely independent research and development, in the same quality, price, print size, there is no competitor.

Since 2018, it has carried out technology research and development, and has industry-leading technical foundation and product experience, as well as numerous patent protections. At the same time, we are the first supplier in china to use A4 pagewide printhead for single pass printing solutions, and we have also attracted plagiarism from many peers.

Sunthinks is the pioneer of single pass digital printing in china. It is also the TOP in china's digital single pass packaging and printing equipment industry. Up to now, we have sold more than 1,000 SC series single-pass printers around the world, with the highest domestic market share and endorsements from many domestic and foreign customers.

While other suppliers are still researching A4 printing solutions, we already have three mature printing solutions, using A4 printhead, A3 printhead and Epson i3200 printhead respectively. And in 2023, it will launch a UV single pass printer, opening a new era of UV single pass printing.



UV Single Pass Printer



Digital Single Pass Printer  
With 1 Printhead



Digital Single Pass Printer  
With 2 Printhead



Digital Single Pass Printer  
With 2 Printhead



Digital Single Pass Printer  
With 3 Printhead



Digital Single Pass Printer  
With 4 Printhead



Digital Single Pass Printer  
With 5 Printhead



Digital Single Pass Printer  
With 6 Printhead

## » WHAT PROBLEM CAN WE SOLVE FOR YOU?

Compared with traditional printing methods, complex operations are eliminated. sunthinks single pass printer does not need plate making, it can print when it is turned on, fast speed, good effect and low cost are its four major characteristics.

- 1.Strong market adaptability, you can develop your business flexibly, whether it is a small amount of printing or a large batch of printing. Helping you enhance your edge in a tight competitive environment.
- 2.The printing design is flexible and free, not limited by the traditional plate-making mode, and there is no plate-making fee, and it can be printed by importing pictures.
- 3.Sunthinks single pass printer can help you save more labor cost and time cost. Only 1 or 2 people can complete all the printing work, which really saves you time, effort and cost.
- 4.Use the environmentally friendly water-based ink of Sunthinks manufacturer's long-term in-depth test, no waste water, waste ink, waste gas generation, low-carbon environmental protection.

**Thank you for your careful review  
look forward to your reply**

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