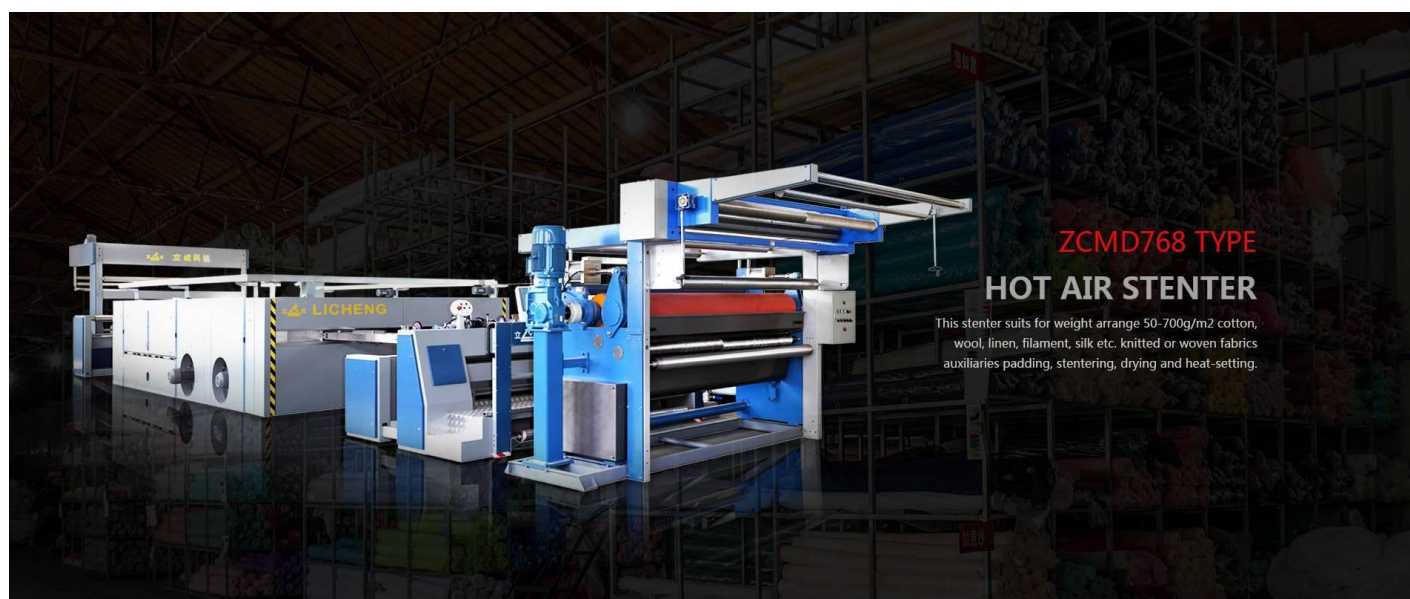




Zhejiang LICHENG Printing&Dyeing Machinery Technology Co.,Ltd is a renowned international screen printing machine equipment manufacturer. located in No.1, Jinting Industrial Zone, Jinting Town, Shengzhou City, Zhejiang Province, China. It occupies 17.5 acres with constructed building size over 55,000 square meters. We sell a wide range of screen printing machineries, such as **hot air stenter**, **Flat Screen Printer** and **rotary screen printing machine**.

Zhejiang LICHENG Printing&Dyeing Machinery Technology Co.,Ltd is devoted to be the dominating printing machine exporter.

We have professional technical department who are paying the key role on pre-sales and after-sales services. They provide the most up-to-the minute technology total solution for different printing process and requirements which are the value-added asset to our customers.



The Application of screen printing is widely :

#### 1, Packaging

Packaging and printing - there are high-end gift boxes in the packaging, moon cake boxes in the Mid-Autumn Festival, some special cartons in the company, and common cigarette packets. In addition, if the outer casing of large electrical products is printed with a beautiful picture, it will be put on the shopping malls with many crowds, and it will also be loved by customers. These can play a certain propaganda role.

#### 2, Circuit Board

Circuit printing - There are single-sided circuit boards, double-sided circuit boards, multi-layer circuit boards, flexible circuit boards, and PCB circuit boards. The circuit board is an indispensable component in various electronic devices, and the PCB circuit board is high in consumption density, and is generally used in PCB outer covering obstruction soldering layer, PCB pattern transfer process and resist plating layer, PBC appearance marking symbol.

### 3, Photoelectric

Photoelectric printing---the common things in our daily life such as liquid crystal glass, illuminating film, mobile phone lens, display screen, touch screen, light guide plate, mobile phone touch screen, etc. are all printed by screen printing machine.

### 4, Glass

Glass printing--auto glass, home appliance glass, mirror, glass plate, cup, bottle, etc., why is it on the glass? That is because the glass is also reflective and non-reflective, and some places cover the light. The effect is that we don't usually touch it, we don't know it. For example, the light-shielding glass on the car is realized by a screen printing machine.

In addition to the above, screen printers can be used in the packaging, circuit board, photovoltaic, wood, glass industries, as well as in paper, metal, ceramics, plastics and other industries.

Types of screen printing machine according to its layout, printer variety, ink properties and type of substrate, but the printing methods can be divided into the following.



1. Flat Screen Printing Machine : Flat screen printing machine is a method of printing on a flat substrate by using a flat screen version. When printing, the printing plate is fixed and the offset printing plate is moved.
2. Flat screen curved screen printing: Flat screen curved screen printing is a method of printing on a curved substrate (such as a ball, cylinder, cylinder, etc.). During printing, the squeegee is fixed, the plate moves in the horizontal direction, and the substrate rotates with the plate.
3. Circular screen printing: rotary screen printing is a cylindrical screen printing system. The cylinder is equipped with a fixed squeegee plate, and the cylindrical printing plate is synchronous with the substrate to make a linear speed moving printing method.
4. Indirect screen printing: The first three methods directly print the substrate from the printing plate, but only print some regular geometric shapes, such as plane, cylindrical surface, conical surface, etc., for complex shapes, angular and concave For surface-shaped objects, they must be printed by indirect screen printing. The process often consists of two parts: flat screen printing and transfer, that is, screen-printed images are not directly printed on the substrate, but printed first. On the flat material, transfer it to the substrate by a certain method. One of the methods of indirect printing is to first print an image on a flat glass by flat screen printing, and then use an elastic silicone head to draw an ink image from the glass as stamped, and then transfer it to the profile. Surface: Another type of indirect screen printing is transfer paper, such as: screen printing paper + thermal transfer, screen printing paper + pressure sensitive transfer, screen printing

paper + solvent activation transfer Printed. Indirect screen printing has become a major area of the printing industry

How does the screen printing machine run faster?

It needs to be driven by a cylinder quickly. High speed cylinders can be used. But too fast will affect the quality of the print.

How to clean the screen version of the screen printer ?

It is necessary to ensure a good quality match between the mesh size of the screen printer screen and the printed product. At the same time, the stretchability of the screen should not be too large, and its structure should be kept as close as possible, otherwise the quality of the screen can not be guaranteed. After the production of the screen printing machine is completed, it is necessary to remember to clean the screen frequently. The common cleaning screen materials include thinner, bleach, and washing. Of course, you can also remove the ink or other ink from the screen after screen printing. Rinse the ingredients.

If the screen has been used before, you must clean the oil and dust on the screen printer before using it. Use professional detergents when cleaning, and do not use ordinary detergent or detergent. This is because in the ordinary detergent, there are many flavors, bleaching substances, etc., which will affect the nature of the screen, and like the washing powder is a particulate matter, it may block the screen.

Screen Version

Generally, the method of cleaning the screen printing machine online version is to wipe the surface of the screen gently with a clean mesh cloth after the above-mentioned cleaning treatment, and it is necessary to pay attention to the application scenario of the screen version. The principles and methods of different cleaning are different. For example, the cleaning method used in the screen cleaning method of the circuit industry will be somewhat different, because the raw materials printed on the circuit will have a small amount of sodium thiosulfate and a small amount of silver complex, and the residual raw materials can be removed by washing with water.

The advantage of this is to extend the use of the screen to avoid the color of the film that has been left behind due to special changes and chemical reactions. The commonly used method is to wash by water, but some of the raw materials used in the printing process cannot be removed by using the method of washing. The other materials must be used for cleaning or sprinkling. When the printing is completed, the plate should be cleaned immediately with the corresponding solvent, and no ink should be left to prevent the residual ink from drying up and blocking the net. When the printing is stopped for more than 15 hours, it should be washed first and then stopped. When printing, use a paper or plastic cloth to cover the plate and lay the plate.

1. When washing the plate, put the plate in the plate washing tank and gently scrub it. Do not stand it up, so as not to affect the tension of the screen and the loose mesh.
2. Color tone printing should be continuously produced. In multi-color printing, the interval between the previous color and the next color should not exceed 1 day, so as to avoid the expansion or contraction of the substrate or the vitrification of the ink, which affects the quality of the screen printing.

In addition, when cleaning, spread the cleaning agent on both sides and wipe it with a sponge. Rinse it with clean water to ensure that no foam remains on it, and that it cannot be touched by hand after washing. After washing, let the screen dry in a dust-free environment, but you can't use the electric fan to blow dry, so there will be a lot of dust. It is ideal to use a drying oven when cleaning the screen, which allows the airflow to pass through the screen more evenly. At present, the cleaning effect of the screen printing machine on the market is also very good, and the qualified customers can buy the screen printing machine for cleaning.

Flat Screen Printing Machine is one popular type of screen printing machine.

### **LiCheng Flat Screen Printing Machine Features :**

Easy and convenient for operation, high printing precision and production speed, low malfunction rate and maintenance cost, applicable to a wide range of fabrics printing process.

◆All electric components are from Mitsubishi, Omron, Yaskawa, Schneider, etc.

◆All pneumatic components are from the Japanese brand of SMC

◆Reinforced printing blanket is from the German brand of Siegling

◆Main drive reducer of blanket is from the German brand of SEW

◆Lifting driving screw is from the Japanese brand of THK

So choose a professional flat screen printer is important.

Commitment of Flat Screen Printer Supplier - Zhejiang LiCheng Group

We are real manufacturer of a series flat screen printing machine and dyeing machines.

Our goal is to provide high-quality Flat Screen Printer and Hot Air Stenter products to customers and market.

Although the markets, applications, and customers are different, Licheng has a unique idea to guide customers to success.

For any consultation and feedback, we will reply patiently and carefully.

For any inquiry, we will give reasonable quotation as soon as possible.

For any new product, we will communicate with customers and take their ideas into consideration to make the best product.

For any order, we will finish the production on time.

We'll take time to deal with each issue, no matter how mundane it may appear to you. We'll always accommodate you. And you'll find that we speak your language and understand your technical problem. That's why we can cooperate successfully with our clients from nearly 30 countries in so many years.



Our company continuously introduced professional and technical personnel and advanced processing equipment and tools so that the quality of products have been a strong quality assurance. We successfully developed energy-efficient and most cost-effective hot air stenter machine and flat screen printing machine. We have a complete sales network, the products was sailed into Guangdong, Fujian, Jiangsu, Zhejiang, northeast and overseas regions. Good quality achieved praise from the majority of customers. Go to website [hotairstenter.com](http://hotairstenter.com) for more information.

