

# 19 Faqs About PVC Cling Film Machine

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Are you considering investing in a PVC cling film machine? But do you have problems figuring out what would work best for your requirements? Here are some common questions we get from clients:



What is a PVC cling film-making machine

PVC cling film making machine is also known as PVC hot shrink film packing machine. It is mainly used for shrinkable packaging of various bottles, cans, glass bottles, and plastic bottles, such as mineral water, beer, and other beverages.

PVC heat shrink film packing machine is suitable for all kinds of PVC film and POF film with high transparency and good contraction. The shrinkage temperature is low, the packaging cost is low, and it has good permeability to carbon dioxide and oxygen. The product has excellent clarity and gloss and can be well combined with printing boxes to show the charm of the product.

Feature:

1. It adopts an automatic servo control system to realize intelligent control;
2. The sealing knife adopts a patented technology that does not need to be adjusted during operation;
3. The height of the platform can be automatically adjusted according to the height of the product;
4. The unique horizontal shaft design makes the packing speed faster;
5. Good air tightness prevents products from being easily damaged during transportation;
6. It adopts a multilayer insulation design, which can save about 20% energy compared with similar products;
7. It is easy to operate: the parameters are set in advance

How Long is the Warranty on Your PVC Cling Film Machine?

Before you buy any PVC cling film machine, you should understand the warranty terms. The most common warranty for a PVC cling film machine is one year. The condition of each warranty may be different from other manufacturers.

Of course, we also provide the highest-quality PVC cling film machines with the longest warranties

Q: What does the warranty cover?

A: Keep in mind that most warranties don't cover ordinary wear and tear or damage caused by improper use or accidents. If your PVC cling film machine has a mechanical or structural defect within the warranty period, we will repair it for free. But if it's been damaged due to misuse or abuse, you'll have to pay for the repair.

### What is the Use of PVC Cling Film Machine?

The PVC cling film machine is used to produce the PVC cling film, which is widely used in food and packing. The production line of this machine includes many parts, feeding part, extruder, T-die, three-roller, cooling bracket, winding part, and so on.

The main steps of the PVC cling film machine are:

First step: Put the raw materials into the extruder. The raw materials will be melted by the heating system of the extruder and then they will come out of the T-die.

Second step: After coming out of the T-die, the sheet material will be cooled down by an air cooler on the top. Then it will be cooled down by a water cooler after being heated up again by the hot plate. Finally, it will be wound down by the winder.

Third step: The sheet material is wound into rolls after being cut to the required width by the winder.

### What is the Structure of PVC Cling Film Machine?

The production line of PVC cling film machines is not just one machine, but it consists of several machines. The production line includes a three-roller calendar, extrusion moulding unit, winder, and so on.

The production line is mainly composed of the following parts: a three-roll calendar, an extrusion moulding unit, and a winding device.

1. Three-roll calendar: It is mainly used for softening treatment before rolling to make the material softer. Its function is plasticizing.

2. Extrusion moulding device: It mainly forms a plasticized material into a film through a die head. Its main components are an extruder, die head, and corona processing unit.

3. Winder: The film produced by the extrusion moulding machine can be rolled by the winding machine and transported to the packaging area by conveyor belt for packaging treatment.

PVC cling film machine is made up of the following parts:

1. Head drum
2. Drum screw
3. Cling film sheeting
4. Film tensioner
5. Film clamping teeth
6. Cutter knife
7. Head Knife
8. Belt guide
9. Blade guide
10. Blade holder
11. Decelerating roller shaft and blade holder
12. Motor and motor bracket assembly, etc...

### How to Keep the PVC Cling Film Machine Working Effectively?

To make the PVC cling film machine work effectively and correctly, we need to pay attention to some points:

1. Keep the oil at the proper level, don't exceed the proper range.

2. Add lubricant regularly and ensure a certain amount of grease in each place that needs to be lubricated.
3. Check whether there is any abnormal sound in the gearbox, reducer, motor, and other parts. Once any sound is found, stop immediately for inspection and troubleshooting.
4. When the air pressure is too low or too high during use, it should be adjusted according to the requirements.
5. If a failure occurs during operation, it should be stopped immediately for repair and troubleshooting according to the situation of failure. After overhauling, the machine can only be operated after testing and confirming everything is normal.
6. Regular check-up on coil wire is necessary: no damage or looseness; no rust on surface or looseness between coil winding drum and sheath; cleanliness of each part of coil wire; no oil leakage at the terminal; no damage in insulation material such as insulation paper tube and insulating paint film;

### How to Choose PVC Cling Film Machine?

The process of selecting a PVC cling film machine is not easy. There are numerous factors that you should consider. However, with the right information and knowledge, it will be easier for you to make the right choice and choose the machine that suits your needs.

Here are some tips on how to choose a PVC cling film machine:

**Know your budget –** Before you start looking for a PVC cling film machine, it is important to know your budget. In fact, this is one of the most important factors when choosing the right cling film machine. Your budget will determine what you can afford and what you cannot afford. Thus, it is crucial that you set a realistic budget before making a purchase decision.

**Check the detailed information –** You should check out the detailed information about a machine in order to determine if it is suitable for your needs or not. It is also important for you to know how much electric power it consumes because this affects your operating cost as well as production cost.

**Pay attention to after-sale service –** After-sale service plays an important role in offering a great user experience to customers. Therefore, it is advisable for you to pay attention to after-sale service when choosing a PVC cling film machine.

These are some tips on how to choose a PVC cling film machine.

### What Are the Applications of PVC Cling Film Machines?

PVC cling film machines can be used to produce PVC shrink film, PVC stretch film, PVC shrink bags, PVC stretch bags, PVC shrink labels, and so on.

The PVC cling film machine is a good choice for you to use in your own business. In order to help you get the most benefit from it, we will tell you how to use it correctly.

First of all, let me introduce you to the different applications of PVC cling film machines.

1. It can be used as a packaging machine for various foods and fruits.
2. It can also be used for product packaging in the electronic products and cosmetics industries.
3. It can even be used as an anti-static protection material for computers and other electronic products.

The above are just some of the applications of PVC cling film machines that I know about, but there are many more applications for them, so please don't worry about them not being able to meet your needs if you need something else that I haven't mentioned here.

### What is the Width of the PVC Cling Film Machine That Can Produce PVC Cling Film?

The width of a PVC cling film machine that can produce PVC cling film is 600mm and 1000mm. Of course, the production line of PVC cling film machines can also be customized according to the customer's requirements.

all, what customers need is not only a high-quality PVC cling film machine but also professional answers and expert advice.

PVC cling film machine - What is the width of the PVC cling film machine that can produce PVC cling film? PVC cling film machines can produce PVC stretch film, which is widely used in the food industry due to its excellent sealing performance and good transparency. The width of the PVC clings film machine that can produce PVC cling film is 600mm and 1000mm. Of course, the production line of PVC clings film machines can also be customized according to the customer's requirements. After all, what customers need is not only a high-quality PVC cling film machine but also professional answers and expert advice.

### What Are the Features of PVC Cling Film Machines?

PVC cling film machine is mainly used for producing PVC cling film, which can directly contact with food. It is a kind of environmental protection and economic packing material.

There are five features of the PVC cling film machine:

Features of PVC cling film machine:

1. The machine has a wide range of applications. It's suitable for producing PVC cling films with different colors, so it can produce different colors of colored films.
2. The machine has high production efficiency. PVC cling film produced by this machine has good transparency, high strength, and good elongation at break. So it's very convenient to use.
3. The machine has a compact structure and convenient operation control system, which enables users to control the whole process conveniently and in real time through simple operation steps.

PVC cling film machines have been exported to many countries such as India, Pakistan, South Africa, and so on. If you are interested in our PVC cling film machine, please contact us!



### Can PVC Cling Film Machines Work Continuously?

No, it can't. Because the PVC cling film machine is a kind of high-speed packaging equipment. It needs to be stopped for cooling down and maintenance so as to ensure the safety of the equipment and workers. In addition, the lubricating oil should be added to the machine regularly according to the needs of the equipment. In addition, when the PVC cling film machine is running continuously, once there is an abnormality in production, it will not be timely detected and treated due to overload. Therefore, it should not be operated continuously. Our company has some suggestions for your reference:

- 1) We should stop working for 5 minutes every 2 hours, or stop working for half an hour every 6 hours;
- 2) When stopping for a long time: if we need to stop working for more than 12 hours, we should clean up in the water tank by air blowing;
- 3) If we need to stop working for more than 24 hours, we should clean up the water in the water tank and drain all lubricating oil in each lubricating point. At present, our company's PVC cling film machine is a three-phase six-pole asynchronous motor with large torque and good starting performance.

### How Much Electricity is Needed for PVC Cling Film Machine?

Because PVC cling film machine is the kind of electrical equipment, we will have some requirements for the power supply. What voltage can be used? PVC cling film machine can use 380V three-phase five-wire power supply, the power consumption of the whole set of equipment is about 15KW, and the production output is between 300-400KG per hour. Because it is an automatic operation, only one person can operate it. Generally speaking, this kind of machine is relatively small in size. It does not need to be installed in a special environment. It can be put into use after being tested for power supply and placement. If there is any problem with the machine during the working process, we can shut it down immediately and then solve it according to the specific problems.

### What is the Production Capacity of PVC Cling Film making Machines?

The production capacity of a PVC cling film machine is based on the thickness, width, and production speed of the product.

#### 1. Film thickness

Thickness: from 0.008mm to 0.10mm

#### 2. Film width

Width: from 200mm to 1500mm

#### 3. Production speed

Production speed: from 30m/min to 350m/min

The production capacity of PVC clings film machines is related to many factors. Here we will discuss the most important one.

### What are the factors that affect the production speed of PVC Cling Film making Machines?

The first factor is the output per hour of the extruder. The extruder output is related to many factors, such as screw diameter, screw speed, and motor power. The larger the screw diameter, the greater the output per hour. If the diameter is too large, the material cannot be fully mixed, which will affect efficiency. For small-scale production enterprises, they generally choose a screw with a smaller diameter. In addition to screw diameter, extruder speed and motor power also greatly affect its output per hour.

The second factor is the number of layers and thickness of the PVC cling film machine. Generally speaking, the more layers are used in the PVC cling film machines, the more PVC film can be produced in an hour. In addition, when producing different types of plastic films in a PVC cling film machine, if you only want to use a few layers to produce plastic films with poor quality requirements, then you can increase the thickness of the plastic film to increase productivity accordingly.

The third factor is whether there is auxiliary equipment on the PVC cling film machine and what auxiliary equipment it has.

### What Are the Raw Materials Needed for PVC Cling Film Machines?

The PVC Cling Film Machine is a high-tech product. The raw materials used in the production of PVC cling film must be of good quality and have the advantages of shrinkage, non-toxicity, and fineness. In addition to raw materials,

needs special equipment for production.

High-quality PVC resin: It is a high-tech product with good colouring properties, softness, and water retention.

2. Plasticizer: It is a plasticizer with good compatibility and colorability, which can make the film have high elongation, low-temperature resistance, and transparency.

3. Modified starch: It has good viscosity, strong hanging power, and stable performance.

4. Lubricant: It has a wide range of uses and can play a very good dispersing, stabilizing, and lubricating role in the production of films of various thicknesses.

5. Antioxidants: They are generally made of hindered amine light stabilizers (HALS) that can reduce color change during processing, improve heat resistance, prevent oxidation during use and extend the service life of products.

### What is the Standard Voltage of PVC Cling Film Machines?

The voltage of the PVC cling film machine is different depending on the country where the customer is located.

The standard voltage of PVC cling film machines in China is 380V, 50Hz.

The standard voltage in the US and Canada is 208 volts.

In India, the standard voltage of a PVC clings film machine is 415 volts, 50 Hz.

In addition, there are different types of plugs in each country, but customers do not have to worry about it because we will provide them with suitable plugs according to their needs.

PVC cling film machine is used to produce PVC stretch film and cling film in the food packaging industry.

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3. Winder: The film produced by the extrusion moulding machine can be rolled by the winding machine and transported to the packaging area by conveyor belt for packaging treatment.

### How Much is the Production Line of PVC Cling Film Machine?

The production line of PVC clings film machines is currently between 300,000 and 2 million yuan. Different manufacturers have different equipment performance and price differences.

How much is the production line of PVC cling film machine?

The PVC cling film machine has a wide range of raw materials, and the price of supporting equipment is also different. The cost of PVC cling film machine production line is divided into three parts:

1. The cost of the PVC cling film machine itself accounts for about 30% of the total cost;

2. The cost of auxiliary equipment accounts for about 30% of the total cost;

3. Raw material consumption accounts for 40% of the total cost;

PVC cling film machine has many advantages in the plastic processing industry, and their development and application are very broad. With the continuous improvement and upgrading of technology, fully automatic PVC cling film machines will be more widely used in our life.

### What is the Cost of a PVC Cling Film Machine?

The cost of a PVC Cling Film Machine is related to the machine you want to buy.

The price of a cling film machine is often related to the thickness, width, and length of the finished product. The thicker, wider, and longer the film, the higher the price of the cling film machine.

The price of PVC cling film machine will be different depending on your requirements for our products.

The cost depends on the following factors:

- a. The thickness of the PVC cling film
- b. The width of the PVC clings film
- c. Quantity of the order
- d. Whether with embosser or not. Delivery time

How Does the PVC Cling Film Machine Work?

PVC cling film machine is a kind of food packaging material that is widely used in our lives. The production of this product includes mixing, extrusion, calendaring and other processes.

The mixing process: the raw materials needed for the production of PVC cling film are mixed according to proportion, and then heated and melted by the mixer.

Extrusion: After the materials are heated and completely melted, they are pushed out from the moulding die by the screw of the extruder. The thickness of the film is determined by the speed at which the material passes through the moulding die.

Calendering: This step is to press the extruded plastic film under high temperature and pressure to make it smoother and more transparent. At this point, we can get a thin plastic film roll that needs to be cooled before being packed.

What Types of Companies or Factories Need PVC Cling Film Machines?

In the modern world, many factories and companies use plastic cling film. This type of film consists of polyvinyl chloride. It is produced with the help of a PVC cling film machine. Such machines are used in these places:

**Food & Beverage Factory**

Fruit, vegetables, and seafood have a short shelf life. The PVC cling film machine can be installed at the production line to produce plastic film according to the size of each product. It can produce PVC cling film of various thicknesses, which is widely used in food packaging.

**Meat processing plant**

Most meat is packaged in aluminum foil for cooking and storage. The PVC cling film machine can produce plastic film of aluminum foil products with different thicknesses, which has a good heat preservation effect and is easy to use.

**Medical Industry**

The PVC cling film machine can be combined with the automatic cutting machine, punching machine, and other equipment to produce plastic packaging bags for medical appliances and other products, which have the characteristics of waterproof and moisture-proof.

What Are the Safety Measures of Your PVC Cling Film Machine?

The safety measures in the PVC cling film machine can be divided into the following points:

1. The operator must receive a safety education before working. The operator must comply with the safety rules and regulations, not wear loose clothing or long hair, turn off the power before work, and wear safety devices such as gloves, masks, etc. to avoid danger;
2. The operator must focus on the operation of the equipment, do not talk to others or have other things to do during operation, so as to avoid accidents due to distraction;
3. When there is an abnormality in the equipment during operation, stop immediately for inspection and repair;
4. After work each time, it is necessary to clean up the sundries around the equipment and keep it clean;
5. If a part of the equipment fails or needs to be replaced during use, it should be dealt with by professional relevant personnel to avoid danger;
6. Keep the gas path of each part unblocked during use and regularly check whether there are sundries in the gas path to ensure smooth production ;

7. When cleaning or repairing parts of the machine tools that need to be removed, they must be placed in a safe position so as not to cause harm when they fall down.

These general manufacturers' FAQs about PVC cling film machines will be useful for people who want more details if they already have an idea of PVC manufacturing equipment. The first section is focused on commonly used questions that are frequently asked by the customers. Please consult relevant suppliers if you have any doubt.