

A Guide To Plastic Film Washing Line 2022

Detail Introduction :

Plastic Film Washing Line

A Plastic film washing line is comprised of several core pieces of equipment. This equipment is used to clean, decontaminate, and recycle waste plastic film and other waste materials, including agricultural films and pipes. This equipment uses high-speed rotational motion to break down and separate dirty film. The water in the wastewater reduces heat and friction in the washing process, which keeps the blades running longer. A high-speed friction washer with tilted panels and pneumatic valves is recommended.



This fully-automatic process can easily process waste and finished products. This machine uses components of world-renowned brands, and all parts that come into contact with water are stainless steel. The belt conveyor transports plastics to the crusher automatically. The unit has inverter control for high-speed washing. This unit is also suitable for removing dirt from waste films. This high-speed washing system is made from SUS304 material and can process up to three film layers per minute. The PACKER film washing line from Wiscon is a comprehensive recycling solution. Its pre-shredder can handle bulky and lightweight materials, while its wash-out section can produce quality PP/PE granules. This equipment is designed to produce pellets with moisture levels below 3 percent. Then, after pelletizing, they can be used in many applications. Its versatility makes it an ideal choice for plastics recycling.

A plastic film washing line is an integral part of the recycling process. This machine utilizes high-speed force-washing paddles and friction to clean waste LDPE film. This is the first step in recycling waste plastic. It is also the most cost-effective way to recycle waste. It has a long life span and is designed for a wide range of different waste materials. This system can save a lot of money and help the environment.

The plastic film washing line is an efficient and cost-effective solution to recycling waste plastic films. It is ideal for processing post-consumer and agricultural films and can even be customized for other types of plastic films. This equipment does not require additional space for a large plant with its compact design. And because it has multiple components, it is also highly customizable. The system

has two drying stations: one for a liquid and another for a plastic film.

The final step in a plastic film washing line is drying systems. The wet plastic films must be dried before they can be extruded. Once the plastic films have been processed, they are melted into a continuous flow of molten polyethylene and squeezed through a die. The extrusion process is an integral part of the production process. This process requires the plastic films to be dry before they can be recycled.

The plastic film washing line is an integral part of the recycling process. It is an important component of the process, enabling PP/PE waste film recycling. The plastic film is then pelletized for further use. The final product can have a moisture content of up to 15%, the minimum acceptable moisture for plastic granules. This step is also vital in preventing air bubbles in the final granules.

A plastic film washing line should include drying systems. The wet plastic films need to be thoroughly dried before being extruded. The extrusion process involves melting the plastic films and extruding them into pellets or granules. The moisture trapped in the molten plastic causes air bubbles in the final granules. To avoid this, the moisture content must be maintained below 15%.

The plastic film washing line is an integral part of the plastic recycling process. It comprises a set of machines that clean PP/PE films at high speeds. Once the films have been cleaned, they can be recycled into pellets. Its high-speed operation makes it an excellent way to reduce energy costs, and the finished product is recyclable. A PP/PE film washing line is an investment in your company's future.

A plastic film washing line is ideal for reprocessing waste plastic films. It can process waste plastic and produce high-quality granules. It has a high-speed output of up to 1000kg per hour. Moreover, its compact structure arrangement ensures a smooth production process. This is an investment that will pay off in the long run. It also reduces energy consumption and noise. If you are looking for a high-quality washing machine, consider the advantages of a PFPW line.