

Modified Starch Production Line Ideal For The Development Of Small And Medium Enterprises

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Maize starch manufacturing machine is to meet the requirements of various industrial applications. For example, high-temperature technology (canned food sterilization) requires high-temperature viscosity stability of starch, frozen food requires good starch freeze-thaw stability,

and jelly food requires good transparency and film-forming properties. The second is to open up new uses of starch and expand the scope of application. Such as: the use of starch in textiles; hydroxyethyl starch and hydroxypropyl starch instead of plasma; highly cross-linked starch instead of talc for surgical gloves.

The development of corn starch manufacturing machinery in my country started late, beginning in the 1980s. It has been applied in many fields such as textile, papermaking, food, feed, casting, medicine, construction, petroleum and so on. The application of modified starch in my country is still an emerging business, and there is a big difference from foreign countries in terms of the type, quality, and application scope of modified starch. Only in terms of the types of modified starches, more than 2,000 types of modified starch products have been developed and marketed abroad, including oxidized starch, acid modified starch, starch esters, starch ethers, cross-linked starch, cationic starch, grafted starch, and cyclic starch. Dextrin, white dextrin, pre-gelatinized starch (pre-gelatinized starch), dialdehyde starch, etc. Among them, more than 200 kinds of modified starch produced from corn starch have been produced, while the modified starch produced in mainland China uses corn starch as raw material. There are only more than ten varieties of starch.



If calculated based on the amount of modified starch required by various industries in my country, the annual demand is between 1 and 2 million tons. The application prospect of modified starch is very broad now. If the research, application and promotion in this field are

increased, the production of modified starch will have rapid development.



Our pregelatinized starch/modified starch production line is specially designed to produce a variety of modified starches, such as modified starch and pregelatinized starch. This production line is developed on the basis of our company's research and study of foreign advanced technology, and its technical performance and product quality have reached the world's most advanced level. This is an advanced puffing machine with flexible configuration, wide application of raw materials and convenient operation, suitable for all kinds of small factories.