

SED-2GS Desiccant Inserting Machine



Product Description of Inserting Machine

1. The role and selection principles of desiccants

Desiccants typically refer to materials used for adsorbing and catalyzing moisture. It has a certain specific surface area and pore volume, which can adsorb and catalyze water, thereby maintaining the drying and moisture-proof effect of the item. In industrial production, desiccants have a wide range of uses, especially in precision instruments, pharmaceuticals, electronic components, and other fields, which can improve product quality and extend product life.

The selection of desiccants needs to be determined based on the items to be processed and environmental conditions. Common desiccants include silica gel, molecular sieve, activated carbon, montmorillonite, etc. Different types of desiccants have different moisture absorption performance, adsorption capacity, and stability, and should be selected according to actual situations.

2. The structure and working principle of the desiccant inserter machine

A desiccant inserter machine is a device specifically designed to fill desiccants into products, typically consisting of three parts: a storage tank, a conveying system, and a filling system. A storage tank is a container for storing desiccants, usually located at the top of the inserter machine. The conveying system can transport desiccants from storage tanks to the filling system, including conveying pipes and pumps. The filling system is the core component that fills desiccants into the product, usually including hoppers, vibrators, filling heads, and other components. The working principle of the desiccant inserter machine is usually to transport the desiccant from the storage tank to the filling system, and then inject the desiccant into the product to be processed through the filling head. During the filling process, it is necessary to control the quantity and uniformity of the desiccant to ensure the quality and effectiveness of the product.

3. The importance and advantages of desiccant inserter machine in actual production
The desiccant inserter machine plays a very important role in actual production. Firstly, it can improve production efficiency and product quality, avoiding the instability and unevenness of manual filling, thereby improving production efficiency and product quality. Secondly, inserting desiccant into the machine can greatly reduce the waste of desiccant and avoid waste caused by improper manual operation. At the same time, it can also reduce the labor intensity of workers and improve the safety of the production environment. Finally, the desiccant stuffing machine can be selected and adjusted according to the requirements of different products and types of desiccants, with great flexibility and adaptability. In short, the desiccant inserter machine plays a very important role and advantages in modern production, which can improve production efficiency and product quality, reduce production costs and resource waste, and is one of the essential equipment in the production process.

Main Parameter

Product model	SED-2GS
Production capacity	60~130 bottles per minute
Applicable bottle type	round, oval, square, flat square bottles
Air source	0.6Mpa
Rated voltage	220V 50HZ
Rated power	1kw
Host weight	460kg
Outline size	1760×750×1950mm