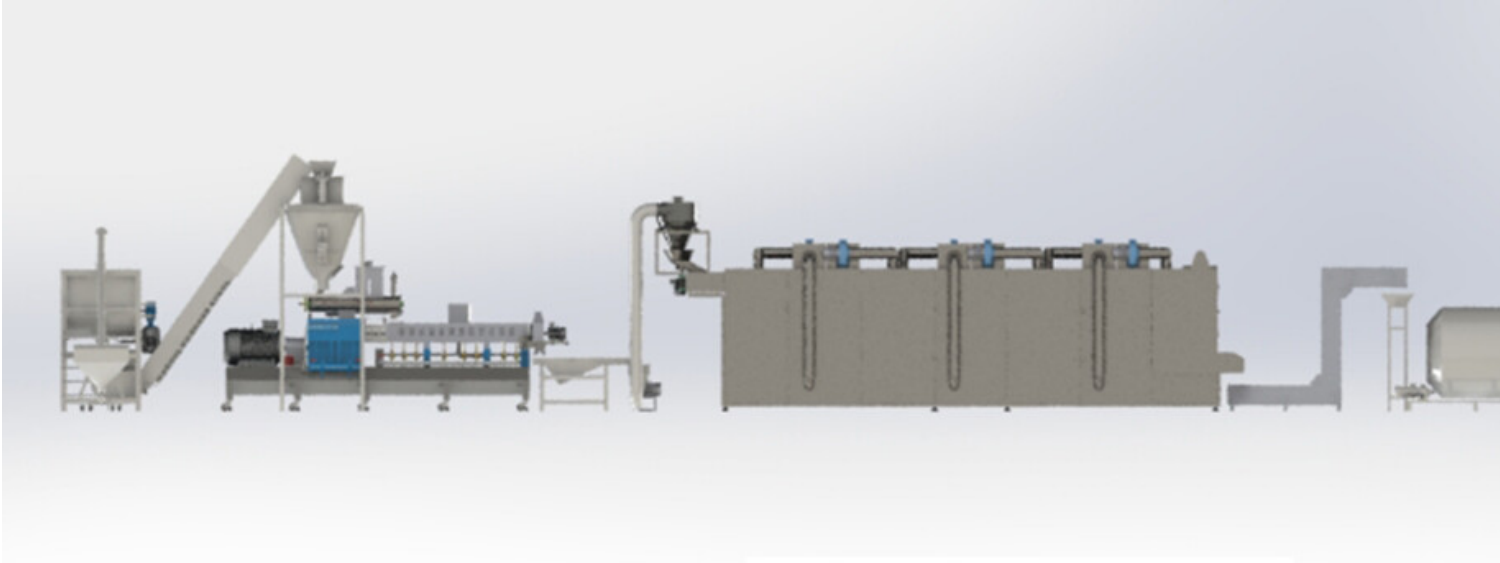


# High quality pet feed production equipment

## Detail Introduction :

### Introduction of pet food :

Cat food and dog food are nutritionally balanced foods specially made for cats and dogs. They are adapted to the different nutritional health conditions of cats and dogs respectively, and are designed to provide the various nutrients they need to keep them healthy and happy. Cat food is usually rich in high-quality protein because cats are carnivores and need protein to maintain the growth and repair of their bodies. In addition, cat food usually contains a moderate amount of fat to provide energy and contribute to the health of your cat's skin and coat. Dog food also contains vitamins, minerals, and probiotics to help support your dog's immune system, digestive system, and overall health.



Dog food generally contains the right amount of protein, fat, carbohydrates and fiber to meet the dog's energy needs and promote its growth and development. Dog food is formulated differently based on your dog's size, age, and activity level. Small dog food is usually higher in protein and fat to meet their rapid metabolism and energy needs. Medium and large breed dog foods often contain lower protein and fat content to maintain weight and muscle mass.

Whether it's cat or dog food, choosing high-quality, balanced food is crucial to your pet's health. It is recommended to choose the right food based on your pet's specific needs, age and health. Talking to your veterinarian and following proper feeding guidelines can ensure your pet gets a nutritionally balanced diet.



Cat food and dog food production lines are equipment and systems specifically used to produce pet food. These production lines are designed and configured to automate the production process from raw material handling to packaging.

The following is the general process of cat food and dog food production lines:

**Raw material processing:** Raw materials include grains (such as rice, wheat, corn), meat (chicken, fish, beef, etc.), fats, vitamins and minerals, etc. These raw materials first need to be crushed, mixed and ground to ensure that they can be fully mixed in the subsequent production process.

**Mixing and formulation:** According to different product formulation requirements, the processed raw materials are mixed in a certain proportion. This step typically involves an automated dosing system, ensuring that each batch of pet food has a consistent formula and nutritional value.

**Processing and granulation:** The mixed feed raw materials are fed into the granulator, and the feed raw materials are pressed into granules under the action of high temperature and pressure. The purpose of pelleting is to increase the stability and storageability of the feed and make it easy for pets to eat.

**Drying and puffing:** Send the freshly made granular feed to the drying equipment, and reduce the moisture content of the feed through the process of hot air and drying. Some feeds also use puffing technology to expand the particles and increase the taste.

**Sterilization and cooling:** Use ultraviolet or high temperature treatment to sterilize bacteria in the feed to ensure the hygiene and safety of the feed. At the same time, the hot-dried feed is quickly cooled to room temperature through cooling equipment to prevent food quality from deteriorating.

**Packaging and storage:** The feed is packaged and put into bags, boxes or other containers through automated packaging machinery. The final inspections are conducted to ensure that the feed meets the appropriate standards.

Finally, store the packaged feed in a dry, clean and ventilated place to maintain its freshness and shelf life. The size and configuration of cat and dog food production lines will vary according to production needs. Some large production lines may also involve automated material conveying systems, quality inspection equipment, and sterilization equipment. The goal of these production lines is to produce high-quality cat and dog food in an efficient, hygienic and reliable manner to meet the needs of pet health food.

