

Introduction To Pet Food Production Line

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Introduction: The pet food production equipment can adjust the raw materials, temperature, moisture and other process parameters, so that the product has the characteristics of novel shape, unique taste, rich nutrition and delicate tissue, which is suitable for the taste of different pets. Pet food making machine is widely used in the production of dog, cat, fish, shrimp, fox, bird and various pet feeds. It is an ideal choice for different manufacturers. As the types of pets continue to increase, there are differences between adult and young pets, and the requirements for pet food are also constantly increasing. According to this market demand, the company has researched and developed a variety of pet food production lines. According to the different output, the production line also has a variety of configurations.



Advantages of pellet feed:

It can avoid being picky eaters. The compound feed formula has a variety of raw materials with comprehensive nutrition, which can prevent animals from picking their favorite foods from the powder and refusing to take in other ingredients. Since pellet feed can maintain uniformity during storage, transportation and feeding, feeding loss can be reduced by 8% to 10%.

2. High feed rate of return. During the pelleting process, due to the comprehensive effects of moisture, temperature and pressure, the feed will undergo some physical and chemical reactions, which will gelatinize starch and increase the activity of enzymes, which enables the fed animals to digest the feed more effectively, which translates into weight gain. . Feeding poultry and pigs with pellet feed can increase the feed conversion rate (that is, the rate of return) by 10%-12% compared with powdered feed. Feeding fattening pigs with pellet feed has an average daily gain of 4%, and the feed-to-meat ratio is reduced by 6%; feeding broilers, the feed-to-meat ratio can be reduced by 3%-10%.

3. Storage and transportation are more economical. After pelleting, the bulk density of the feed will generally increase by 40%-, which can reduce the storage capacity and save transportation costs.

4. Good liquidity and easy management. Many powders, especially fluffy feeds with small specific gravity, often stick to feed silos with molasses or high fat and urea added feeds. Because pellet feed has good fluidity and seldom has adhesion phenomenon, pellet feed is popular for those farms that use automatic feeders to raise dairy cows or poultry on a large scale.

5. Avoid automatic grading of feed ingredients and reduce environmental pollution. In the process of powder storage and transportation, due to the different volume and mass of various powders, it is easy to produce classification. After the pellets are made, there is no classification of feed ingredients, and the pellets are not easy to dust. During the feeding process, the pellets have much less pollution to air and moisture than powders.



Pet food has various aspects of nutrition, high digestion and absorption rate, scientific formula, quality standard, convenient eating and use. According to the form of pet food, pet food can usually be classified as dry pet food, such as fish food, dog food, cat food and snack snacks; semi-dry pet food, such as canned pet food, dog food and cat food; pet liquid food, such as pet meat sauce, pet nutrition porridge, etc. According to the purpose of pet food, it can be divided into: pet diet, diet companion, pet, pet snack, etc.