Fish Feed Processing Production Line Machinery

Fish Feed Processing Production Line is also suitable for processing ornamental fish feed, raw materials, suckling pig feed, young animals, livestock and poultry puffed materials and high-quality puffed foods.

Extruded fish feed processing equipment configuration: floating fish feed processing machine, floating fish feed extruder

Crusher ? Mixer ? Twin-screw extruder ? Conveyor ? Multi-layer dryer ? Seasoning machine ? Cooling conveying ? Vibrating screen ? Packaging machine

Fish feed size range: 1mm, 1.5mm, 2.0mm-10mm.

This production line can produce and process catfish, grass carp, crucian carp, tilapia, ornamental fish, turtle, bullfrog and other aquatic feed pellets.

Due to the inherent characteristics of the extruder, the extruded feed product can have a certain degree of puffing effect by adjusting the process parameters of the extruder.

Compared with ordinary feed pellets, the extruded feed product has the following three advantages:

1. Puffing makes the feed product more crispy, which is convenient for poultry and livestock to chew and eat.

2. The maturation effect of the extruded product can reach 100%, which is equivalent to feeding

cooked food to animals, and the nutrition is easy to absorb.

3. After expansion, the original proportion of the material is changed, which means that the fish feed produced by this set of feed equipment can be selectively floated, suspended, and sinked after being fed into the water, so as to adapt to the feeding of fish in different water layers.

The superior performance of the extruded fish feed equipment product:

1. The main motor, feeding motor and rotary cutting motor of this machine adopt frequency conversion control, which is energy-saving and easy to operate.

2. The main gear box is equipped with gear oil pump cooling, lubrication system, twin-screw extrusion pumping mechanism to make the material mature enough, and the gelatinization degree of the material reaches more than 98%.

3. A wide range of raw materials, the meat content is as high as 40%. Changing the mold can produce fish food, cat food and other products.

4. The screw has self-cleaning ability, and there is no need to clean the boring and screw when restarting or changing material varieties.

5. The screw and screw sleeves are made of special materials, special craftsmanship, wear resistance, and high pressure.

6. Each temperature zone has a temperature control table to control the temperature.

7. The feed is sterilized by high temperature and high pressure during processing, which ensures the sanitation and safety of feed products.

8. The cylindrical diameter of the discharge die d=1mm-10mm, and other special-shaped die holes (can be made according to customer requirements).

9. It is suitable for processing aquaculture extruded materials (floating-sinking, sinking), and the water stability is above 24 hours.

10. It is also suitable for processing ornamental fish feed, raw materials, suckling pig feed, young animals, livestock and poultry puffed materials and high-quality puffed foods.