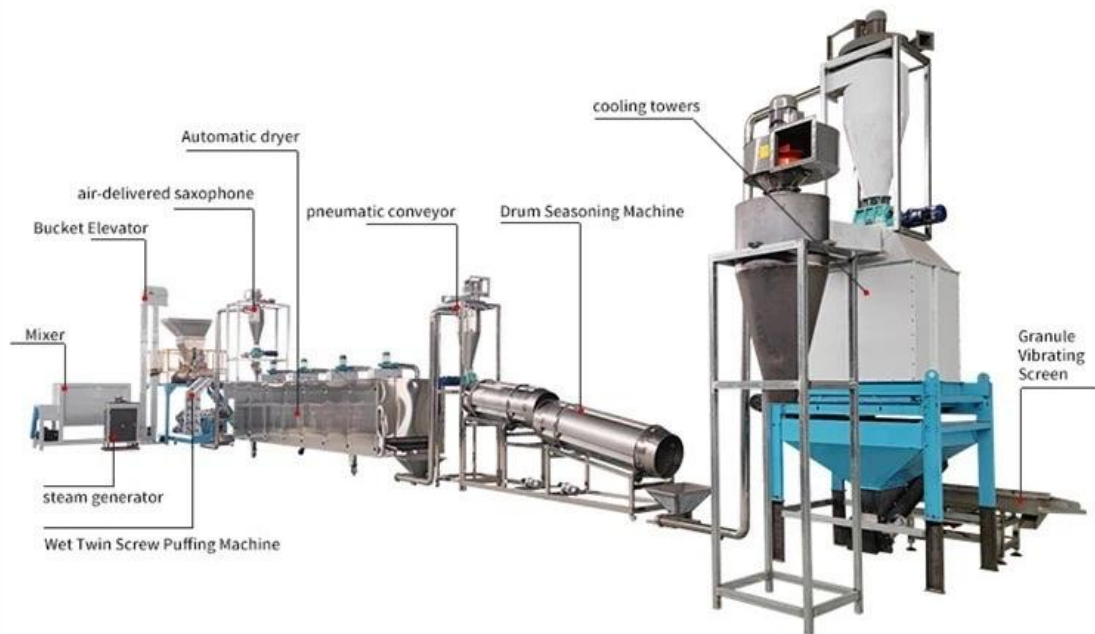


# Fish feed production line



## What Are the Components of floating feed production line

### Raw Material Silos

These large storage containers hold the bulk raw materials used in the production of fish feed. They keep the ingredients fresh and protect them from contamination until they are needed in the production process.

### Material Feeding System

This system is responsible for transporting the raw materials from the silos to the subsequent processing equipment. It typically involves screw conveyors or belt conveyors that move materials smoothly and efficiently.

### Crushing machine (Hammer Mill)

The crushing machine is used to grind solid raw materials into smaller particles.

The hammer mill is particularly effective at breaking down grains, seeds, and other hard materials into a uniform powder suitable for pelleting.

### **Mixer (Vertical Or Horizontal Mixer)**

The mixer blends the ground ingredients with additives such as vitamins, minerals, and preservatives to achieve the desired nutritional profile. The design of the mixer ensures thorough mixing to maintain homogeneity in the final feed.

### **Cooler**

After pelleting, the hot extruded pellets are cooled in a cooler to bring them down to a safe temperature for storage and animal consumption. The cooling process prevents moisture absorption and preserves the integrity of the pellet shape.

### **Sieving Machine**

The sieving machine sifts the pellets to remove fines and to ensure that all pellets meet the desired size specification. This step ensures that the final product is uniform in size, which is important for proper feeding and digestion.

### **Oil Spraying Machine**

This component applies edible oil to the pellets to enhance palatability and prevent dust formation during handling. The oil spraying process is usually controlled to apply a precise amount of oil to each pellet.

### **Packing Machine**

The packing machine is responsible for packaging the finished fish feed into bags or other containers. It ensures that the feed is sealed properly to maintain freshness and protect it from environmental factors during transportation and storage.

### **Control System**

A control system, often a centralized computer system, oversees the entire production line. It monitors and regulates the operation of each component to ensure that the process runs smoothly and efficiently.

Large automatic feed pellet mill full set of equipment production process:

1. Pre-cleaning: Pre-cleaning is the process of removing unwanted materials from our ingredients.
2. Batching: Batching is the process of proportioning each ingredient into a feed formula.
3. Grinding: The process of processing the solid ingredients into the desired size.
4. Mixing: As the name suggests, "mixing" is a process of blending trace ingredients together.
5. Conditioning: Conditioning is a checking process.
6. Pelletizing: Pelletizing is the main step in any pelletizing plant.
7. Cooling: Cooling is a process of removing heat.
8. Crushing: Crushing is the process of breaking the cooled trays into small pieces to make them suitable for chicks or hens.
9. Screening: Screening is required to remove fines and oversized particles. A double decker sifter is used to remove fines and oversize particles. The fines are directed to a tray mill for repacking, while oversized particles are directed to crumbs for reprocessing.
10. Packaging: The process ends at each plant with bagging, also known as packaging.

## Why choose to produce extruded Fish food?

Large automatic feed pelletizer is suitable for large, medium and small aquaculture, grain feed processing plant, livestock farms, poultry farms, individual farmers and small and medium-sized farms, farmers or large, medium and small feed processing plant use. Every part of the home feed pelletizer production line equipment is essential. As long as each part of the equipment is correctly applied, the working time of the home feed pelletizer can be extended and the output can be increased.

1. Improve the digestion and absorption of pet food.

2. The extruded pet food are produced under high temperature condition, so it can kill all kinds of microorganisms, eggs and pathogenic bacteria in the pet food, improve the quality of the pet food, and reduce the digestive tract diseases of pet.



### > COMPANY STRENGTH DISPLAY

#### Export Shipping



### > COMPANY STRENGTH DISPLAY

#### Certificate

