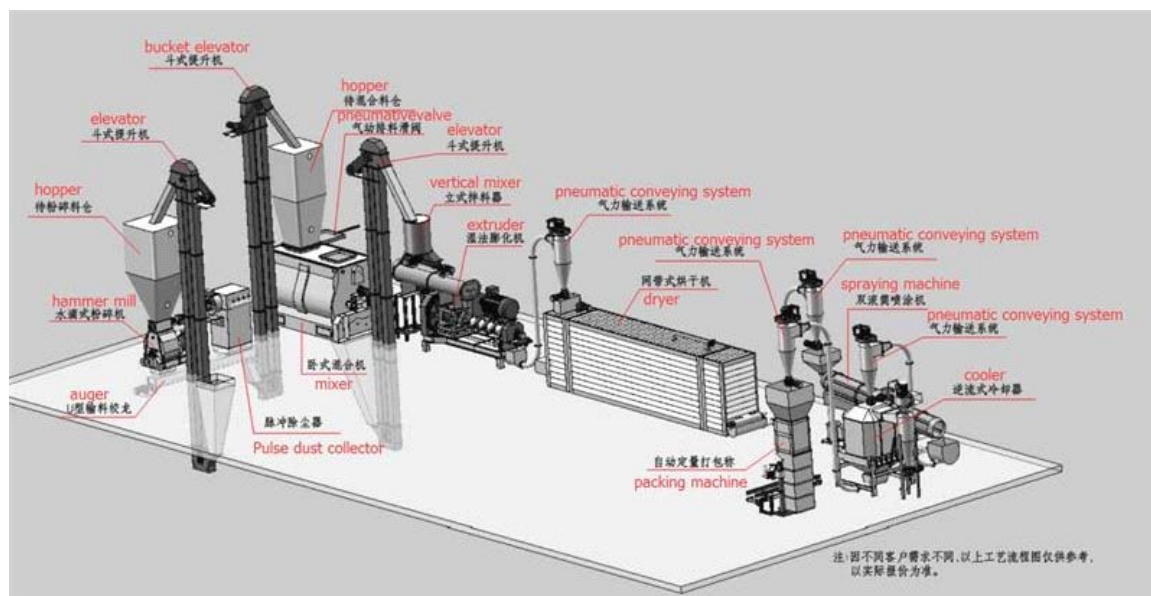


Aquatic feed pellet plant

Aquatic feed pellet plant is designed to make floating and sinking feed pellets for fish, shrimp and crab. It include hammer mill to grinding the ingredients, mixer to mixing the grinded mesh powder together evenly, the wet type extruder machine to make pellets, pellet dryer to drying pellets, pellet cooler to cooling down pellets and packing machine to pack the pellets into bags.

The raw materials can be wheat, corn, soybean, vitamins., etc. For different kind of fish and shrimp there is formula for the percentage of each kind of ingredients.

The final pellets from aquatic feed pellet plant moisture is lower than 10%, it is best moisture for storage and transportation. The diameter of pellets can be 0.8-12mm changeable by change the mold, for different purpose there may need different diameter pellet, the length is easy to control by adjust the position of cutter.



No.	Machine name/Description	Quantity	Picture
1	Bucket elevator To transfer the raw material to hammer mill	1	
2	Hopper To storage raw material for hammer mill Dimension: 1800x1500x1800mm Weight: 260Kg	1	
3	Hammer mill To grind the raw material to mesh powder, 0.18-0.25mm size powder is the best	1	
4	Auger To transfer the grinded raw material to bucket elevator, add powder material to the mixer	1	
5	Pulse dust collector To collect dust at end of hammer mill	1	

6	Bucket elevator Transfer raw material from hammer mill to mixer	1	
7	Hopper To storage raw material for mixing machine	1	
8	Pneumatic valve To control feeding and stop feeding to mixer	1	
9	Mixer To mix different kind of material together evenly.	1	
10	Screw conveyer To transfer mixed raw material from mixer to bucket elevator	1	
11	Bucket elevator Transfer raw material from mixer to extruder	1	

12	Vertical mixer To storage and mixing material for extruder Made of stainless steel	1	
13	Fish feed extruder To extruding pellets, stainless stell conditioner	1	
14	Pneumatic conveying system To transfer pellets from extruder to pellet dryer Include blower, cyclone, airlock and pipelines	1	
15	Pellet dryer (steam heating) Mesh belt, electric heating, to dry the pellets	1	

16	Pneumatic conveying system To transfer pellets from dryer to cooler Include blower, cyclone, airlock and pipelines	1	
17	Spraying machine To spray liquid or powder bait to the pellets	1	
18	Pneumatic conveying system To transfer pellets from spraying machine to pellet cooler	1	
19	Pellet cooler To cooling down the pellets	1	
20	Pneumatic conveying system To transfer pellets from pellet cooler to packing machine Include blower, cyclone, airlock and pipelines	1	
21	Hopper To storage pellets for packing machine	1	

22	Packing machine To pack pellets into bags and seal bags Packing speed: ≤ 300 bags/hour Packing range: 10-50kg/bag	1	
23	Air compressor To provide compressed air for pellet cooler and packing machine	1	
24	Electric panel To control all of the machines in the production line	1	
25	Boiler To provide steam to extruder and pellet dryer	1	

Molds and final pellets



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Fish feed pellet line

