

What Fortified Rice/ Artificial Rice Production Line Including

Introduction Of Fortified Rice/ Artificial Rice Production Line:

Food is one of the main sources of nutrition for humans, but the nutritional elements of general grains are different. Due to the loss of a large amount of protein and trace elements during the processing of grains, the nutritional ingredients are greatly reduced, and artificial rice (nutrition rice) technology is a breakthrough in grain regeneration. Artificial rice technology is largely characterized by adding various nutrients necessary for the human body to food, producing various health foods, efficacy foods and functional foods. The product is easy to eat, easy to digest and absorb, and is popular with consumers.

✖ The Details Of Automatic Nutrition Rice/ Artificial Rice Processing Line

Capacity	80kg-700kg
Power Supply	Based on 380V 50 Hz 3 phase. Customized according to your local power.
Machine details	1.Stainless steel,:201, 304, 316, on request 2. Electric parts can be ABB, Delta, Fuji, Siemens; Famous brand as your demand.
Certificate	CE,GOST,TUV,BV
Raw Material	Rice and its by-products, grain flour etc.
Products Color	White, Yellow
Products type	Fortified rice, artificial rice etc.

The Flow Chart Of Automatic Fortified Rice/ Artificial Rice Production Line :

1.Mixer --- 2.Screw Conveyer --- 3.Single Screw Extruder ---
4.Vibrate Cooler --- 5.Air Conveyor --- 6.Multi-layer Oven---

7.Hoister ---8. Double-drum Polishing Machine ---9. Packing Machine

How to make High Quality Nutrition Rice/ Artificial Rice?

Put the raw materials into the mixer machine, stir with the mixing shaft through the motor, and send the mixed materials to the Single Screw Extruder through the Screw Conveyor, then cool it through a Vibrate Cooler, then send it to the Multi-layer Oven to dry it through the Air Conveyor, then send it to the Double-drum Polishing Machine through the Hoister to polish the surface of Fortified rice, beautify the product, Finally, the Fortified rice, artificial rice can be packed by the packaging machine.

What Is The Advantages Of Fortified Rice/ Artificial Rice Processing Line?

Mixer	Rotate the stirring shaft at high speed through the motor, so that the raw materials in the barrel are fully mixed and evenly. Screw Conveyor: Inside is a spiral, which can prevent the accumulation, and enter the material in the Screw Extruder very well.
Single Screw Extruder	Single screw is one screw, mostly named after the screw diameter. Single Screw Extruder has advanced die and cutting system, and give processors an entirely new set of templates to create its innovative shapes. Automatic lubrication system can lower down power consumption and prolong the life.
Multi-layer Oven	The oven is a multi -layer circulating drying box, which has good thermal insulation and efficient energy saving. Multi -layer tape dryers are composed of major components such as mesh belts, feeders, drying bodys, mesh bands, heating devices, circulating fans, and damp fans. Nutrition rice requires low temperature and long time dry.
Hoister	Used to transport the Fortified Rice from the oven into the next device. Usually a food -grade PVC upgrade.
Packaging machine	Pack Fortified Rice and beautify the product etc.

What Is The Line Parameter Of Automatic Fortified Rice/ Artificial Rice Production Line ?

Model	capacity(kg/h)	Installed capacity	Actual Consumption	Speed control mode	Dimension(m)
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LY3000 processing line	80-100kg/h	55.35kw	41.51kw	Inverter	24*4*3
LY70L-I processing line	150kg/h	63.54kw	47.66kw	Inverter	24*4*3
LY70L-II processing line	300kg/h	103kw	77.25kw	Inverter	24*6*3
LY70L-III processing line	450kg/h	172.64kw	129.48kw	Inverter	2.7*0.9*3
LY75 processing line	500kg/h	132kw	99kw	Inverter	50*4*6

The Applications Of Fortified Rice/ Artificial Rice Production Line :

The production line is developed for the traditional rice milling process production. Rice and its by -products can be made into products with extremely high added value through squeezing technology. In this process, broken rice and rice bran can be reused. The entire production process is simple and easy to operate, the Production Line can be used in Fortified Rice, Artificial Rice etc. The squeezing technology effectively avoids the loss of nutrients and has become a nutritional enhanced rice.

